



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

TWENTY FIFTH ANNUAL REPORT

Year Ending 31 December 2017

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

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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	12
Chief Executive Officer's Activities 2016	14
Financial Statements and Auditor's Report	15

APPENDICES

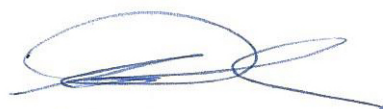
1. Publications (including Workshop Reports)	36
2. Fact Sheets	38
3. Ethical guidelines for students using animals or animal tissues	39
4. What is ANZCCART and what does it do?	40
5. Commonly Encountered Acronyms	42

PREFACE

As always, 2017 was a busy year for ANZCCART and like many small not – for – profit organisations, ANZCCART continues to be trying to achieve more with limited resources. Yet the demand for ANZCCART's services, advice and expertise remains as high as ever. Recognising the importance of the work done by ANZCCART and in particular, the supportive role we play for AECs, researchers and the general public, a substantial portion of our resources continue to be devoted to serving and supporting AEC members across Australia and New Zealand as well as trying to satisfy the requirements of all interested parties as best we can. When it comes to more specific projects and initiatives, and recognising the practical limitations we face, ANZCCART has tried to focus our efforts more this year as much as possible, with the aim of achieving some tangible outcomes that will offer real benefits to both researchers whose work requires the use of animals and the animals with which they work. Fortunately, we have been able to operate throughout the year in a financially secure and consistent position with an established and stable Board bringing enthusiasm, experience and relevant expertise to our operations.

As always, the annual conference was a highlight of the year. This year's conference was organised by the New Zealand Committee of ANZCCART and held in Queenstown, New Zealand during September, as a part of the annual research week activities. The idea behind holding the conference at a different time and as a part of research week was to try to facilitate and encourage more researchers to participate in the meeting sessions. While this aim was not achieved, the conference itself was very well subscribed and generally regarded as an outstanding success with excellent, thought provoking presentations featuring throughout. The programme itself, had been carefully put together to highlight current issues and stimulate discussion about those issues. While the great majority of speakers were invited to present at this year's conference, there were still a very small number who submitted abstracts and these too prompted much discussion. One such presentation raised questions about the consistency of training offered to researchers, animal care staff and even AEC members and this has opened up some further issues for ANZCCART to explore during the next twelve to eighteen months in collaboration with a number of other interested groups and like – minded societies.

One other area of particular interest this year for ANZCCART, like many other interested groups, has been the issue of reproducibility of scientific data obtained from animal studies. Increasingly, issues associated with some instances of reproducibility failure among animal based studies have being highlighted and used to indicate the lack of worth of those studies. It is a key part of the ANZCCART charter and an essential part of the justification for using animals, to ensure that animal use is well justified and has the best possible chance of providing valuable and relevant data as a part of that justification. So any suggestion of animals being wasted is potentially a concern and to this end, ANZCCART has explored a number of options and a variety of issues related to the quality of scientific data generated by animal experiments. Our examination of various options that might help to improve the reproducibility of science has been open and accessible with conference presentations and relevant articles being included in ANZCCART News to help highlight the issues and potential solutions as well as trying to stimulate a broader and more inclusive debate around these issues. While the idea of promoting a broad and inclusive examination of these questions and possible solutions is not yet complete, it has so far led ANZCCART to consider various alternative ideas, and helped us to attain a clearer perspective around some of the key questions. Acknowledging the need to have a solution that should achieve better scientific outcomes for researchers and have a good chance of being broadly adopted, ANZCCART has decided to formally endorse both the PREPARE and the ARRIVE guidelines and to promote these as guiding principles that should help researchers and Animal Ethics Committees address many of the fundamental issues that can result in reproducibility of any experiment, so that AEC Members, the public and granting bodies can be confident that the research work they are supporting, will produce valid results that justify any work involving animals.



Dr Geoffrey Dandie
CEO

MEMBERS OF BOARD, COUNCIL AND STAFF OF ANZCCART

ANZCCART Board

Chairman

Professor Richard Russell B.Sc.(Hons), Ph.D., D.Sc., FRSC, C.Chem., AM	Lay Member	Continuing
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Members

A/Professor Alison Coates B.Sc.(Hons), Ph.D.	UA	Continuing
Dr Caroline Lee B. Ag. Sc. (Hons), Ph.D.	CSIRO	Continuing
Professor Jeffrey Schwartz B.S. (Hons), Ph.D.	ARC	Continuing
Dr Peter Hodgson BVSc MPP	RSNZ	Continuing
Dr Mandy Paterson B.V.Sc. (Hons), M.Ed., Ph.D.	RSPCA	Continuing
Ms Sally Bannerman B.Sc.(Ag), Dip.Ed.	NSW Education	Continuing
Dr Andrew Cleland	RSNZ alternate	Continuing

ANZCCART Staff

Chief Executive Officer Administrative Assistant

Dr. Geoffrey Dandie B.Sc. (Hons), Ph.D. Ms Christine Wadey

Honorary Life Members

Warwick Anderson AM, B.Sc. (Hons), Ph.D.
David Bayvel QSO BVMS, DTVM, MACV.Sc, MPP. (Dec.)
Elizabeth Grant AM, Ph.C., M.PS.
David Mellor ONZM, HonAssocRCVS, BSc(Hons), PhD.
Michael Rickard B.V.Sc. (Hons), Ph.D., D.V.Sc., FTSE.
Margaret Rose B.V.Sc., Ph.D.
John Strachan LLB.

ANZCCART Council¹

Chairman

Richard Russell B.Sc.(Hons), Ph.D., D.Sc., FRSC, C.Chem., AM	Lay Member
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Members

Sally Bannerman B.Sc.(Ag) Dip.Ed.	NSW Department of Education and Training
Andrew Brennan B.A., Ph.D.	Lay Member
Robert Cassidy B.V.Sc. (Hons) B.Sc. (Hons) Dip.Ed. Grad.Cert.Anim.Welfare.	Biosecurity Queensland Department of Agriculture, Fisheries and Forestry
Alison Coates B.Sc. (Hons), Ph.D.	Universities Australia
Mary Lou Conway B.V.Sc. Ph.D., MANZCVS (Animal Welfare)	Department of Primary Industries, Parks, Water and Environment –Tasmania
Kevin Doyle <i>AM, B.V.Sc., DVSc hc, MANZCVSc, Grad.Cert.Man., MASM</i>	Australian Veterinary Association
Peter Hodgman BVSc MPP	Royal Society of New Zealand
Deborah Kelly B.Sc. (Vet. Biol), BVMS	SA Department for Environment, Water and Natural Resources
Tim Kuchel B.V.Sc. (Hons), MVS, DVA, MRCVS	Australia & New Zealand Laboratory Animals Association
Caroline Lee B. Ag. Sc. (Hons), Ph.D.	Commonwealth Scientific & Industrial Research Organization
Dani Maver <i>BVSc (Hons) MANZCVS</i>	Bureau of Animal Welfare, Victoria
Mandy Paterson B.V.Sc. (Hons), M.Ed., Ph.D.	RSPCA
Richard Russell B.Sc.(Hons), Ph.D., D.Sc., FRSC, C.Chem., AM	Lay Member
Jeffrey Schwartz B.S. (Hons), Ph.D.	Australian Research Council
Pablo Silveira B.Med.Sci (Hons), Ph.D.	Australasian Society for Immunology Inc.
John Strachan LLB.	Animal Welfare Member
Position Vacant	Flinders University of South Australia
Position Vacant	WA Department of Local Government

¹ 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

Pete Hodgson BVSc MPP	Appointed by the Royal Society of New Zealand
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Members

Laura Bennet B.A., M.A., Ph.D.	University of Auckland (Appointed by RSNZ)
Sally Birdsall B.A., Dip.Tchg., GDITE, M.ED. (Hons)	University of Auckland (Appointed by RSNZ)
Belinda Cridge BSc, Ph.D.	University of Otago (Co-opted by RSNZ until May 2017)
Arnja Dale, BSc, MSc (Hons), PhD	RNZSPCA (Associate member nominee)
Craig Johnson B.V.Sc., Ph.D., D.V.A., Dip.ECVA, MRCA, MRCVS,	Massey University (Universities NZ nominee)
Mike King BApplSc(Hons), PhD, PGDipArts	University of Otago (Appointed by RSNZ)
John Schofield B.V.Sc., MRCVS, Dip.ACLAM	University of Otago (Associate member nominee)
Jim Webster B.Agr.Sci., M.Agr.Sci., Ph.D.	AgResearch (AgResearch nominee)
Siouxie Wiles BSc (Hons), PhD.	University of Auckland (Appointed by RSNZ)

Executive Officer (part-time)

Marc Rands B.Sc. (Hons), DPhil. FRGS

Full members of ANZCCART New Zealand

AgResearch
Landcare Research
Royal Society of New Zealand
Universities New Zealand

Associate members of ANZCCART New Zealand

Department of Conservation
Ministry for Primary Industries
National Institute of Water and Atmospheric Research Ltd (NIWA)
New Zealand Veterinary Association
Royal New Zealand Society for the Prevention of Cruelty to Animals
Unitec Veterinary Association

BOARD REPORT FOR 2017

This report records the activities and achievements by ANZCCART in Australia and New Zealand during the calendar year 2017.

The Board

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

Professor Richard Russell (Lay Member) continued in the position of Chair of the ANZCCART Board.

Membership of the Board was unchanged during 2017, with Professor Jeffrey Schwartz (Academic Manager, Griffith University Medical School) serving as the ARC Nominee, Dr Carolyn Lee (representing CSIRO), Dr Pete Hodgson (representing the Royal Society of New Zealand) and his alternate, Dr Andrew Cleland (CEO of the Royal Society of New Zealand) and Associate Professor Alison Coates as the representative of Universities Australia. Dr Mandy Paterson (nominated by RSPCA Australia) and Mrs Sally Bannerman (Nominated by the Minister, Department of Education and Training, NSW) also continued on the Board throughout the year

The ANZCCART CEO, Dr Geoff Dandie, continued to act as Company Secretary during 2017.

The Board met on six occasions during 2017. On five of these occasions, Ms Chris Wadey attended to take the minutes. Meetings were held on the following dates:

Friday 24th February, 2017 (Teleconference)

Members present: Prof Richard Russell (Chair), Dr Mandy Paterson, Dr Caroline Lee, Prof Jeff Schwartz, Dr Pete Hodgson and Dr Geoff Dandie. Ms Chris Wadey attended to take the Minutes. Apologies were received from Ms Sally Bannerman

Thursday 6th April, 2017 (Teleconference)

Members present: Dr Caroline Lee (Acting Chair), Prof Jeff Schwartz, A/Prof Alison Coates, Dr Mandy Paterson, Ms Sally Bannerman and Dr Geoff Dandie. Ms Chris Wadey attended to take the Minutes. Apologies were received from Prof Richard Russell and Dr Pete Hodgson.

Thursday 6th June, 2017 (Teleconference).

Members present: Prof Richard Russell (Chair), Dr Caroline Lee, Dr Pete Hodgson, Dr Mandy Paterson, Prof Jeffrey Schwartz A/Prof Alison Coates and Dr Geoff Dandie. Apologies were received from Ms Sally Bannerman, Dr Pete Hodgson and Dr Andrew Cleland (NZ Alternate). Dr Marc Rands (NZ Executive Officer) attended by invitation of the Board and Ms Chris Wadey attended to take the Minutes.

Friday 18th August, 2017 (Teleconference)

Members present: Prof Richard Russell (Chair), Dr Mandy Paterson, Dr Caroline Lee, Dr Pete Hodgson, A/Prof Alison Coates, Ms Sally Bannerman and Dr Geoff Dandie. Apologies were received from Prof Jeffrey Schwartz and Ms Chris Wadey.

Friday 13th October, 2017 (Face to Face meeting at CSIRO facility in Sydney)

Members present: Prof Richard Russell (Chair), Prof Jeff Schwartz, Dr Mandy Paterson, Dr Caroline Lee, Dr Pete Hodgson, A/Prof Alison Coates, Ms Sally Bannerman and Dr Geoff Dandie. Ms Chris Wadey attended to take the Minutes.

Monday 11th December, 2017 (Teleconference)

Members present: Prof Richard Russell (Chair), Dr Caroline Lee, Dr Mandy Paterson, Ms Sally Bannerman, A/Prof Alison Coates, Dr Andrew Cleland (alternate for Dr Pete Hodgson) and Dr Geoff Dandie. Dr Marc Rands (NZ Executive Officer) also attended by invitation of the Board and Ms Chris Wadey attended to take the Minutes. Apologies were received from Prof Jeff Schwartz and Dr Pete Hodgson.

The Council

Membership of the ANZCCART Council, as listed on page 3, remained unchanged.

Administration

Dr Geoffrey Dandie continued to serve as Chief Executive Officer and Company Secretary throughout 2017.

Ms Chris Wadey continued to serve as Administrative Assistant throughout 2017.

The University of Adelaide continued to provide ANZCCART with office accommodation and other services and facilities on their Waite Campus, where we occupy Rooms G6 - G8 in the Hannaford Building.

2017 Annual General Meeting

The AGM for 2017 was held on Thursday 6th April 2017 in the offices of ANZCCART, Room G06, Hannaford Building, Gate 3, Waite Rd, Urrbrae, South Australia – in the University of Adelaide's Waite Campus and by teleconference for those unable to attend in person.

1. Welcome

The 2017 ANZCCART Annual General Meeting was opened by the Deputy Chairperson, Dr Caroline Lee at 11.00am. The following people were welcomed: Geoffrey Dandie (CEO, ANZCCART), Jodie Williams (Proxy for Department of Environment, Water and Natural Resources) and Chris Wadey (ANZCCART) in the ANZCCART Office, Jeff Schwartz (Australian Research Council), Alison Coates (Universities Australia), Mandy Paterson (RSPCA), Sally Bannerman (NSW Department of Education) and Elizabeth Grant (HLM) via teleconference.

2. Apologies and Proxies

1. Apologies and proxies in favour of the Meeting Chair, Caroline Lee, were received from: Dani Maver (Department of Economic Development, Jobs, Transport and Resources, Vic), Andrew Brennan (Lay Member) and Mary Lou Conway (Department of Primary Industries, Parks, Water and Environment, Tas). Apologies were received from Richard Russell (Chairman), Margaret Rose (HLM) and David Mellor (HLM).

3. Confirmation of Minutes

The minutes of the Annual General Meeting for 2016, which was held at the ANZCCART office, Adelaide on 12 April 2016, were circulated prior to the meeting. These were accepted by those present as a true and accurate record of that meeting,

4. Matters Arising from the Minutes

Further to the 2016 AGM, Sothertons have been re-appointed as the auditors for 2017.

5. Consideration of the Annual Report for the year ending 31 December 2016

Giving his report as CEO, Geoff noted that 2016 was another busy year for ANZCCART and very successful overall. We did face a couple of challenges during the course of the year, not the least of which was when the University of Adelaide decided to put the Thebarton Campus, where we had been located for the last 10 years, up for sale and as it sold faster than anticipated, we needed to move at reasonably short notice. The University of Adelaide was extremely good in the way they looked after us throughout this process and we have now successfully moved to the Waite Campus. At the start of last year, we were in the situation where Richard Russell, who had been Chair of the Board for a few years as Universities Australia's representative decided to retire from his position as Deputy Pro-Vice Chancellor, Research at the University of Adelaide and as a result stepped down as the Universities Australia's representative on the Board. Rick expressed an interest to stay affiliated with ANZCCART and was appointed as a Lay Member of the Board at the AGM last year and was subsequently elected as Chair of the Board at the first Board meeting of the year. At that same meeting, Caroline Lee (CSIRO representative) was elected to the position of Deputy Chair. We also have been lucky to have Associate Professor Alison Coates from the University of South Australia join the Board as the Universities Australia's representative.

During the course of the year another significant challenge we faced was the rebuilding of the ANZCCART website. This is hosted by the University of Adelaide and our website was based on their old template which limited what we could upload. During the course of last year, we worked closely with the University Web team and Chris Wadey in particular did a lot of work on this and so thank you to Chris. The website was finally transitioned to a new template with most of the content transferred across however there are some areas which may not be complete and we are working on these. The new website does look a bit different, is far more functional and offers a lot of scope going forward to put in additional material such as video and audio clips. Also during the year, ANZCCART was able to renew the ARC grant which was great as it is a significant portion of our funding. The payment was delayed coming

through largely as a result of the timing of the election as once the government is in caretaker mode, nothing can be done and there is always a delay to follow. Another area of interaction with the Government was regarding the Medical Research Future Fund, which was set up earlier in the year. We were able to have some input into the areas which may attract funding and one area which has not been supported well in Australia is 3Rs research, in terms of alternatives and in reduction and refinement as well. The Fund have agreed to allow applications in those areas to go forward with the idea being this is supplementary to the normal NHMRC funding. The Conference in Melbourne occurred also and was very successful. Besides the few challenges I think overall the year went very well.

Pete acknowledged the progress made with 3Rs research and also on Geoff's remarks, adding that even though an application has not been granted yet the progress is very welcome.

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

Most of this information is covered in the Annual Report on page 13. The major events we have undertaken were the upgrade of the website, the move from Thebarton to Waite and the Melbourne Conference which was quite a bit of work and was also an important part of the year's activities. Geoff would like to thank the local organising committee in Melbourne for helping, particularly with the programme. It was also good with the AEC Member of the Year Award going to Pete Maley from Victoria who serves on about 7 or 8 AECs and has also been a tremendous help and supporter of ANZCCART for many years. Three editions of ANZCCART News were published during the year and as always, if anyone has any potential articles or suggestions for articles to please let Geoff know as sometimes it is a struggle with the content. Geoff participated in and chaired a couple of external reviews of AECs during the year and it was very pleasing to see that they were all working well. There were two submissions to the Government, one was to the Medical Research Future Fund and more recently to the Department Health regarding the proposed ban on the testing of cosmetics legislation which is currently being planned for Australia.

Pete referred to the report which Marc Rands had submitted for the Annual Report, adding it was very accurate and he is available to answer any questions or comments on it. Since the last Board Meeting, the New Zealand Committee has not met and are due to have another meeting in around 4 weeks. Pete also thanked Rick for the nice comment in his report on New Zealand's activities.

Geoff spoke to the circulated audited Financial Statements and reported that the auditors have indicated they are happy to sign off unconditionally on the financial report. The report indicates that ANZCCART ran at a significant deficit of \$86,333.00 last year which is largely as a result of timing of major sponsorships. For example, the CSIRO contribution for 2016 was actually received in 2015 and spent last year, and a small portion of the ARC contribution was paid towards the end of 2016, while the greater majority of \$109,555 was received in January 2017. This last payment was not reflected in the 2016 statements and will artificially inflate our financial status in next year's report. Taking that into account we were close to break even for the year. We did show a slightly larger than anticipated surplus for the Conference in Melbourne of around \$29,000 and that more truly reflects the financial position for the year. The fact that our bank balance did drop during the year is reflected by the pre-payment from CSIRO and the expenditure of those funds during the course of last year.

The Chair suggested that the Annual Report including the Financial Statements and Auditor's Report be accepted. This was formally moved by Pete and seconded by Mandy and carried.

7. Reports from Member Organisations

Department of Environment, Water and Natural Resources, South Australia: Jodie Williams (as proxy for Deb Kelly) reported in the last year there has been routine work and changes to legislation. As she was given short notice to attend the meeting Jodie apologised for not circulating the report prior to the meeting. The Department moved offices in May 2016 to Waymouth Street in the city which consolidated several sites into one and there are now around 900 people in the building. During the financial year, the Department has already been involved in three external reviews of animal ethics committees and the target is to conduct one review each quarter. The Department holds two meetings of the Chairs and Executive Offices of animal ethics committees meeting their target and have also participated in two animal ethics training days for Universities. In terms of changes to regulations, in September 2015 the Animal Welfare Act 1985 and Regulations 2012 in South Australia were amended to allow interstate AECs to be recognised in SA with the aim to reduce duplication of ethics approval. The Department has noticed over the last year that it has reduced some of that duplication. Regulation changes also allowed the membership of AECs in South Australia to be appointed by the institution rather the Minister. Some of the feedback received at the time was that some of the institutions were

not happy with that and South Australia was the only state in Australia where members were ministerial appointed, so they are now appointed by the institution and they are actually finding it quicker.

Department of Primary Industries, Parks, Water and Environment, Tasmania. Geoff presented this report on behalf of **Mary Lou Conway**, based on her submitted notes. There is not much to note from Tasmania with regard to ANZCCART, however, they are expecting to amend their animal research provisions in the Animal Welfare Act of 1993. The amendments will be presented to Parliament later this year and Mary Lou hopes to report on that at next year's meeting.

8. Any other Business

There was none.

Close of Meeting

The Chair formally closed the 2017 ANZCCART Annual General Meeting and thanked members for their attendance and for their input.

Annual Conference

The 2017 ANZCCART conference was held from the 2nd – 4th of September and organised by the New Zealand committee and run as part of the annual Queenstown Research Week. The decision was made to change from the normal time of the year in which we hold the conference, so that it could be run as a part of the local research week in the hope that it might facilitate attendance by more scientists who work with animals from across Australia and New Zealand. While this was a very worthwhile experiment and one that everyone hoped would increase our level of exposure to the scientific community, it would appear that it did not have any effect at this level. However, with the number of delegates attending the conference (129 delegates, around half of whom had travelled from Australia) it may have been just as well as this was certainly the biggest turnout to an ANZCCART conference in New Zealand, so the venue was already filled to capacity.

The theme for the conference was 'Maintaining Social License in a Changing World' and addressed a number of really important and contemporary issues that range from issues associated with the administration of the AEC process, the reproducibility of science, the ethics of animal use and of course, public perception of work using animals. In order to address these issues, the New Zealand committee put together an impressive programme of invited local and international speakers that featured keynote presentations from the likes of Professor Roger Morris and Dr Helena Hogberg. Professor Roger Morris, from Kings College London, was invited to speak on his experiences of the implementation of the Concordat on Openness in Animal Research in the UK and Dr Helena Hogberg (Research Associate & Deputy Director, Centre for Alternatives to Animal Testing, Johns Hopkins Bloomberg School of Public Health, USA) spoke about communication and new 3Rs techniques.

Congratulations and thanks must go to all who were involved with the organisation of this highly successful conference.

Newsletter

ANZCCART NEWS continues to be a major conduit for the dissemination of information relevant to the research and teaching sector and we published three editions of during 2017. Lead articles this year covered a variety of topics but there was a common theme that ran through all editions. Each edition started with an article that was aimed at helping to address the quality of research and looking at ways to improve everything from the applications submitted to every AEC across Australasia, through to the important and very current issues associated with the reproducibility of research – particularly research that involves the use of animals. To this end, the first edition of our 30th year of ANZCCART News featured an article about the 3Rs and in particular, how they play such an important role in the application process every applicant to an AEC must go through. The lead article in the second edition for the year considered a few possible ways to improve the reproducibility of animal based experiments and concluded that adherence to the principles of good scientific practice might be a better strategy than increasing the stringency of statistical analysis as has been suggested. The third and final edition for the year announced that ANZCCART was formally endorsing both the PREPARE and the ARRIVE guidelines that were cited in the previous edition as potential remedies to the problems associated with poor reproducibility of published experimental data. In offering this endorsement, we are conscious of the fact that these guidelines will mean some additional work for everyone involved

from researchers, through AEC members and journal editors, noting that many top journals have already vowed to implement the ARRIVE guidelines as a part of their editorial processes.

As in previous years, it is very encouraging to see that an analysis of web site traffic statistics show that ANZCCART News is still an important part of the work we do each year, with the release of every issue resulting in a major increase in visits to the ANZCCART web site and specifically to the ANZCCART News page. We therefore continue to see ANZCCART News as an important avenue for sharing ideas and stimulating discussion of important issues. A big part of this is ensuring that there is a good range of diverse opinions and ideas represented in the articles we publish in ANZCCART News, so we do always encourage everyone to consider and hopefully submit articles for publication.

The newsletter is currently sent by email to over 1,200 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

Copies of these and other ANZCCART Publications 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. Increasingly though, it has been particularly pleasing to find that a number of journalists and media organizations have been seeking background information or trying to check facts associated with stories that have been provided to them by external sources. In all such cases, it has not been possible to comment of specific details for one reason or another, but we have been able to provide important background information to journalists about the Australian Code, the makeup and operation of AECs and the legal framework in which researchers operate. This information has always been well received and in many instances, would appear to have provided background and/or context to the information they had received that caused them to reconsider at least some aspects of the story.

Enquiries come to the ANZCCART office in Adelaide by email or telephone, originating mostly in Australia but also from overseas. If a question cannot be answered directly, additional information is sought, often via the ANZCCART College of Experts, that can be passed on within a day or two of the question being received.

While we continue to receive enquiries from school students (mostly at senior secondary level, involving students undertaking a research project) who are examining in detail an ethical issue such as the scientific use of animals, it has been clear that far fewer such questions are being received, while the updated section of the ANZCCART web site specifically devoted to this area has continued to receive considerable interest. It is also fascinating to note that the majority of such enquiries are based on media reports that present situations in other countries as though the same practices still occur in Australia when most commonly that is not correct. So it is clear that we still have important work to do in this area and to help ensure that media reports are as accurate as possible.

Publicity cooperation

During 2017, ANZCCART assisted professional societies and other organisations by circulating information about relevant forthcoming national and international conferences and workshops, publications, etc. that were consistent with ANZCCART's goals and ideals. This was done via web posting, email or 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, provided it 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 2017

ANZCCART (NZ) Committee

ANZCCART New Zealand Board held four meetings during 2017. The Chair of the ANZCCART (NZ) Board, Pete Hodgson also represents New Zealand on the ANZCCART Board in Australia.

Priority 1: To promote continuous improvement in the care of animals supplied or used in research, testing and teaching including the deployment of the Three Rs of replacement, reduction and refinement

Engaging examples of the Three Rs

The New Zealand Board, working with the Ministry for Primary Industries launched a series of case studies of approaches to replacement, reduction and refinement, in the use of animals in research, testing and teaching, at Queenstown Research Week on 3 September. Eight resources have been developed:



Promoting the Three Rs

A lecture tour by Dr Helena Hogberg (Research Associate & Deputy Director, Centre for Alternatives to Animal Testing, Johns Hopkins Bloomberg School of Public Health, USA) was organised, with seminars given at the University of Auckland (28 August 2017), Massey University (30 August), and the University of Otago (1 September 2017).

NAEAC 3Rs Award

ANZCCART (NZ) has agreed to sponsor the NAEAC 3Rs award biennially for \$5,000.

ANZCCART AEC Members of the Year Award

The NZ Board, agreed to offer a separate New Zealand award for the ANZCCART AEC Member of the Year Award each year, rather than just one award each year across the two countries. The first New Zealand award was made to Miralie Vincent, who was recognised for her outstanding support to the Massey University AEC.

ANZCCART Animal Care Technician Award

The ANZCCART New Zealand Animal Care Technician Award was awarded to Stephanie Delaney (AgResearch) whose initiatives over time were reflected in a better quality of life for the animals under her care.

Priority 2: To promote informed discussion and debate in the broader community and with scientists and students on the responsible use of animals in research, testing and teaching

The 2017 ANZCCART Conference

The 2017 ANZCCART Conference was held on 2-4 September in Queenstown, New Zealand, during Queenstown Research Week. 129 delegates attended, with around half travelling over from Australia to participate. The conference proceedings are now available on the ANZCCART (NZ) [website](#), along with videos of the presentations of Professor Roger Morris and Dr Helena Hogberg.

Concordat on Openness in Animal Research

'Maintaining Social License in a Changing World' was chosen as the theme for the 2017 ANZCCART conference, and Professor Roger Morris, from Kings College London, was invited to speak on his experiences of the implementation of the Concordat on Openness in Animal Research in the UK.

Professor Morris also took part in a lecture tour of New Zealand to share his experiences with New Zealand Universities, organised by the NZ Board, with seminars given at the University of Auckland (28 August 2017), Massey University (30 August), and the University of Otago (1 September 2017).

International memberships

Jim Webster is the representative on AAALAC and ICLAS on behalf of ANZCCART (NZ)

- *AAALAC International (Association for Assessment and Accreditation of Laboratory Animal Care international)*

Jim was now serving on AAALAC's international planning committee, looking at their strategy.

- *Membership of ICLAS (International Council for Laboratory Animal Science)*

ICLAS awarded ANZCCARC (NZ) 1000 Euros to support the participation of an international speaker at the 2017 ANZCCART conference, on the topic of the experience of the Concordat for openness in animal research in the UK.

Priority 3: To promote education and training of scientists and students in the responsible use of animals

Animal Welfare Officer Workshop

A workshop for New Zealand Animal Welfare Officers was held by the NZ Board at the Society on 14 November. The workshop was attended by 14 Animal Welfare Officers from across New Zealand, and provided an opportunity to share ideas and problems with some of the most experienced practitioners in Australasia.

ANZCCART-AWO Google group for Animal Welfare Officers

The NZ Board started administration of an ANZCCART-AWO Google group discussion forum for Animal Welfare Officers, so that veterinary animal welfare officers can ask questions of one another, and share good practice.

Disseminating an NCEA resource for Schools

The NZ Board have published four NCEA assessment tasks that have received the Quality Assured Assessment materials trade mark (QAAM) from the NZQA for NCEA Achievement Standards (Biology 1.2, 2.2, and 3.2), which integrates biological knowledge to develop an informed response to a socio-scientific issue. The NZQA teaching resource around animal research developed by ANZCCART has now been requested by 86 schools.

School Science Fairs

To encourage school student's awareness of animal ethics, ANZCAART offers an ANZCCART School Science Fair Prize. This year, prizes have been provided for Canterbury-Westland Schools' Science and Technology Fair, Manawatu Science and Technology Fair, EIT Hawke's Bay Science and Technology Fair, Aurora Otago Science & Technology Fair and the NIWA Wellington Science and Technology Fair

New ANZCCART website

A new ANZCCART (NZ) [website](#) was developed using the Royal Society of New Zealand provider, Prefer, who are supporting new websites for the Society's branches

Priority 4: To assert a role as a monitor of the care of animals supplied for or used in research, testing and teaching, including the effectiveness of statutory agencies and their processes

Review of Royal Society of New Zealand's Code of Professional Standards and Ethics – Protection of the welfare of animals

The NZ Board provided a review of the Royal Society of New Zealand's Code of Professional Standards and Ethics for the Protection of the welfare of animals.

Joint meeting with the National Animal Ethics Advisory Committee

The ANZCCART (NZ) and NAEAC boards met on the 16 May, to share information on each other's work plans.

NAWAC/NAEAC Sentience Workshop

NZ Board members participated in the NAWAC/NAEAC Sentience Workshop in November to discuss the implications of the recognition of animal sentience in the Animal Welfare Act and how this should influence the future development of animal welfare codes and regulation.

CHIEF EXECUTIVE OFFICER'S ACTIVITIES 2017

In addition to those activities outlined in the Board Report, the CEO, Dr Geoff Dandie, undertook the following activities on behalf of ANZCCART during 2017:

- Organization and planning of the 2018 ANZCCART Conference in Canberra
- Preplanning of the 2019 ANZCCART conference
- Preparation and delivery of a number of lectures and invited speaker presentations on behalf of ANZCCART
- Helped to organize and coordinate training days for researchers, teachers and AEC Members
- Spoke at animal ethics training events organized by other groups and organizations
- Continue working on the updating of ANZCCART publications relating to the Code to ensure compliance
- Continued work to develop a comprehensive range of education packages aimed at introducing both sides of the ethical debate relating to the use of animals for scientific purposes.
- Working with local and national media outlets to address issues raised by other pressure groups in this area
- Attended meetings of AEC Chairs and Executive officers
- Chaired two external AEC reviews on behalf of their host institutions
- Ensured all regulatory requirements of ASIC, ATO, etc were met.
- Maintained regular contact with members of the ANZCCART Board and Council through meetings, teleconferences and written reports.
- Represent ANZCCART and participate in relevant conferences and meetings, including the ANZLAA conference.
- Organized meetings with representatives of ANZCCART member organizations.
- Composed/revised/edited the following:
 - i. *ANZCCART NEWS* (three editions).
 - ii. ANZCCART: Twenty - Fourth Annual Report (for year ending 31 December 2016).
- Supervised a major upgrade and update of the ANZCCART web site (on – going activity).
- Building linkages with other likeminded organizations with the aim of increasing efficiency.

Future priorities

- Use ANZCCART's formal endorsement of both the PREPARE and ARRIVE Guidelines to increase awareness of, and compliance with these important principles among both scientists using animals and AEC members.
- Continuing expansion of the education sections of the web site tailored to school aged children and the media
- Maintain the goals for ANZCCART News of publishing four editions each year
- Five yearly revision and republishing of all ANZCCART publications to ensure they remain current best practice
- Complete the revision of the ANZCCART publication "Euthanasia of Animals Used for Scientific Purposes"
- Continue with 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.
- Explore opportunities to ensure ANZCCART's financial position remains secure and we can meet increasing costs.

Acknowledgements

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

- Professor Richard Russell AM, Lay member of ANZCCART and Chairman of the Board,
- Members of the ANZCCART Board and Council and our colleagues on the New Zealand Board
- Our major sponsors – Australian Research Council (ARC), Universities Australia (UA), 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 Mike Brooks, Deputy Vice-Chancellor (Research), Dr Denise Noonan (Animal Welfare Officer), the staff of the Research Compliance Unit and management at the University of Adelaide, Waite Campus.

**FINANCIAL STATEMENT AND AUDITOR'S
REPORT 2017**

**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 2017**

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

Contents	Page
Council particulars	3
Directors' report	18
Auditor's Independence Declaration	20
Income statement	21
Statement of recognised income and expense	22
Balance sheet	23
Statement of cash flows	24
Significant accounting policies and notes to the financial statements	25
Directors' declaration	32
Independent audit report to the members	33

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

DIRECTORS IN OFFICE AT 31 DECEMBER 2017

- Richard Russell, Chairperson
- Mandy Paterson
- Jeffrey Schwartz
- Alison Coates
- Pete Hodgson
- Sally Bannerman
- Caroline Lee
- Andrew Cleland (alternate for Pete Hodgson)

CHIEF EXECUTIVE OFFICER & COMPANY SECRETARY

- Geoffrey Dandie

REGISTERED OFFICE IN AUSTRALIA

Room G8, Hannaford Building
Gate 3, Waite Rd.,
Urrbrae, 5064
South Australia

Ph: (08) 8313 7585

AUDITORS

Sothertons Chartered Accountants
42 Hurtle Square
Adelaide SA 5000

**AUSTRALIAN AND 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 31 December 2017 and the auditor's report thereon.

Directors

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

Caroline Lee B. Ag. Sc. (Hons), Ph.D.
Director since 2014

Richard Russell B.Sc.(Hons), Ph.D., D.Sc., FRSC,
C.Chem., FRACI, AM
Director since 2009

Jeffrey Schwartz, B.S. (Hons), Ph.D.
Director since 2007

Alison Coates B.Sc. (Hons), Ph.D.
Director since 2016

Andrew Cleland Ph.D.
Alternate Director since October 2014

Pete Hodgson BVSc. MPP
Director since 2014

Mandy Paterson B.V.Sc. (Hons), M.Ed., Ph.D.
Director since 2011

Sally Bannerman B.Sc.(Ag), Dip.Ed.
Director since 2011

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/(deficit) for the year ended 31 December 2017 was \$(19,067) compared with \$(86,332) in 2016.

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.

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

DIRECTORS' REPORT (Continued)

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 2017. In saying this however, we remain conscious of the financial pressures on all of our major sponsors and note that the loss of any one of our major sponsors could jeopardise the long-term viability of ANZCCART.

Meetings of Directors

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

	No of Meetings Attended	No of Meetings Held
Richard Russell	5	6
Caroline Lee	6	6
Jeffrey Schwartz	4	6
Alison Coates	6	6
Pete Hodgson	3	6
Andrew Cleland (NZ alternate)	2	3
Sally Bannerman	3	6
Mandy Paterson	6	6
Geoff Dandie	6	6

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 20 and forms part of the directors' report for the financial year ended 31 December 2017.

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 12th April 2018.



Prof Richard Russell
Chairman

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

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 2017 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

Alex Reade

Sothertons Alex Reade
Adelaide Partnership Partner

31 March, 2018

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

**INCOME STATEMENT
FOR THE YEAR ENDED 31 DECEMBER 2017**

	Note	2017 \$	2016 \$
Income			
Revenue	2	255,001	223,820
Less: Expenses			
Salaries and payroll expenses	3	225,880	207,507
Other expenses		42,854	55,177
Conferences expenses		5,334	47,468
Total Expenses		<u>274,068</u>	<u>310,152</u>
Surplus/(Deficit) before income tax		(19,067)	(86,332)
Income tax expense	1(c)	-	-
Surplus/(Deficit) for the year	11	<u><u>(19,067)</u></u>	<u><u>(86,332)</u></u>

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

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

**STATEMENT OF RECOGNISED INCOME AND EXPENSE
FOR THE YEAR ENDED 31 DECEMBER 2017**

	Note	2017 \$	2016 \$
Surplus/(Deficit) for the period		(19,067)	(86,332)
Total recognised income and expense for the period		<u>(19,067)</u>	<u>(86,332)</u>
Attributable to:			
Equity holder		(19,067)	(86,332)
Total recognised income and expense for the period	11	<u>(19,067)</u>	<u>(86,332)</u>

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

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

**BALANCE SHEET
AS AT 31 DECEMBER 2017**

	Note	2017 \$	2016 \$
Current Assets			
Cash and cash equivalents	6	308,568	320,534
Receivables and prepayments	5	11,300	-
Total current assets		319,868	320,534
Non Current Assets			
Property, plant and equipment		5,887	5,887
Accumulated depreciation		(5,887)	(5,887)
Total non-current assets		-	-
Total assets		319,868	320,534
Current Liabilities			
Trade and other payables	8	7,670	11,937
Employee benefits	9	131,211	108,543
Total current liabilities		138,881	120,480
Total liabilities		138,881	120,480
Net assets		180,987	200,054
Equity			
Retained earnings	11	180,987	200,054
Total equity		180,987	200,054

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

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

**STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED 31 DECEMBER 2017**

	Note	2017 \$	2016 \$
Cash flows from operating activities			
Cash receipts in the course of operations		225,309	195,780
Cash paid to suppliers and employees		237,275	258,381
Net cash provided by (used in) operating activities	10	<u>(11,966)</u>	<u>(62,601)</u>
Cash flows used in investing activities			
Acquisition of property, plant and equipment		-	-
Net cash used in investing activities		<u>-</u>	<u>-</u>
Net increase / (decrease) in cash and cash equivalents		(11,966)	(62,601)
Cash and cash equivalents at 1 January		<u>320,534</u>	<u>383,135</u>
Cash and cash equivalents at 31 December	6	<u>308,568</u>	<u>320,534</u>

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

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

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2017**

1 Significant accounting policies

(a) Statement of compliance

The financial report is a special purpose financial report. The financial statements and notes collectively constitute a special purpose financial report prepared in accordance with Australian Accounting Standards applicable to a non-reporting entity for which there are no users dependent on general purpose financial statements. The following is a summary of the material accounting policies adopted by the entity in the preparation of the financial report. The accounting policies have been consistently applied, unless otherwise stated.

(b) Basis of preparation

The financial report is presented in Australian dollars. The Council is domiciled in Australia. The financial report has been prepared on an accruals basis and is based on historic costs and does not take into account changing money values or, except where stated, current valuations of non-current assets. Cost is based on the fair values of the consideration given in exchange for assets.

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.

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

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2017**

(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 (ie. 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.

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

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2017**

(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.

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

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2017**

	Note	2017 \$	2016 \$
2Revenue			
Funding		212,566	116,402
In kind contribution		30,000	30,000
Publications sales & other income		12,435	943
Conference revenue		-	76,475
Total revenue		255,001	223,820
 3Salaries, wages and related on costs			
CEO		164,117	150,947
Administrative assistant		61,763	56,560
		225,880	207,507
 4Auditors' remuneration			
<u>Audit services</u>			
Auditing the financial report		3,000	3,500
		3,000	3,500
 5Receivables and prepayments			
GST Refund		381	-
Conference deposit		10,919	-
		11,300	-
 6Cash and cash equivalents			
Cash at Bank		308,568	320,534
Balance as per statement of cash flows		308,568	320,534

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

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2017**

7Property, plant and equipment

	2017	2016
	\$	\$
Cost		
Balance at beginning of year	5,887	5,887
Acquisitions	-	-
Disposals	-	-
Balance at end of year	<u>5,887</u>	<u>5,887</u>
Depreciation and impairment losses		
Balance at beginning of year	5,887	5,887
Depreciation for the year	-	-
Balance at end of year	<u>5,887</u>	<u>5,887</u>
Carrying amounts		
At end of year	<u>-</u>	<u>-</u>

	Note	2017	2016
		\$	\$
8Trade and other payables			
Trade creditors & accruals		4,370	4,243
GST payable		-	3,844
Audit fee accrual		3,300	3,850
		<u>7,670</u>	<u>11,937</u>

9Employee benefits

Current

Liability for annual leave	63,848	48,197
Liability for long service leave	67,363	60,346
	<u>131,211</u>	<u>108,543</u>

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

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2017**

	Note	2017 \$	2016 \$
10 Reconciliation of cash flows from operating activities			
Cash flows from operating activities			
Surplus/(Deficit) for the year		(19,067)	(86,332)
Depreciation		-	-
Adjusted Surplus/(Deficit) before changes in working capital and provisions		<u>(19,067)</u>	<u>(86,332)</u>
(Increase)/decrease in prepayments		(11,300)	9,410
Increase/(decrease) in trade and payables		(4,267)	4,975
Increase/(decrease) in employee benefits		22,668	9,346
Net cash provided by/(used in) operating activities		<u>(11,966)</u>	<u>(62,601)</u>
 11 Retained Earnings			
Balance at beginning of year		200,054	286,386
Net Surplus/(Deficit) for the year		(19,067)	(86,332)
Balance at end of year		<u>180,987</u>	<u>200,054</u>

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

Richard Russell
Caroline Lee
Jeffrey Schwartz
Alison Coates
Pete Hodgson (Andrew Cleland - alternate)
Mandy Patterson
Sally Bannerman

Company Secretary

Geoff Dandie

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

**NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2017**

Transactions with key management personnel

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

	2017	2016
	\$	\$
Short term employment benefits	164,117	150,947
Post employment benefits	-	-
	<hr/>	<hr/>
		150,947
 Comprising:		
Chief Executive Officer	1	1
	<hr/>	<hr/>
	1	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.

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

**DIRECTORS' DECLARATION
FOR THE YEAR ENDED 31 DECEMBER 2017**

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

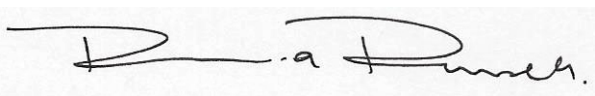
(a) The financial statements and notes, as set out on pages 21 to 31, are in accordance with the Corporations Act 2001, including:

(i) giving a true and fair view of the financial position of the Council as at 31 December 2017 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.

A handwritten signature in black ink, appearing to read "R. Russell", is written over a light grey rectangular background.

Prof Richard Russell
Chairman

Dated at Adelaide 12th April 2018

Independent Auditor's Report

To Australian And New Zealand Council For The Care Of Animals In Research And Teaching Limited

Report On The Audit Of The Financial Report

Opinion

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

In our opinion, the accompanying financial report of Australian And New Zealand Council For The Care Of Animals In Research And Teaching Limited:

- a) gives a true and fair view of the company's financial position as at 31 December 2017 and of its financial performance for the year then ended; and,
- b) complies with Australian Accounting Standards to the extent described in Note 1.

Basis for Opinion

We conducted our audit in accordance with Australian Auditing Standards. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Report* section of our report. We are independent of the company in accordance with the auditor independence requirements and the ethical requirements of the Accounting Professional and Ethical Standards Board's APES 110 *Code of Ethics for Professional Accountants* that are relevant to our audit of the financial report in Australia. We have also fulfilled our other ethical responsibilities in accordance with the Code.

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

Emphasis of Matter – Basis of Accounting

We draw attention to Note 1 to the financial report which describe the basis of accounting. The financial report has been prepared for the purpose of fulfilling the company's financial reporting responsibilities. As a result, the financial report may not be suitable for another purpose. Our opinion is not modified in respect of this matter.

Responsibilities of the Directors for the Financial Report

The directors of Australian And New Zealand Council For The Care Of Animals In Research And Teaching Limited are responsible for the preparation of the financial report that gives a true and fair view and have determined that the basis of preparation described in Note 1 to the financial report is appropriate to meet the requirements of the company. The directors' responsibility also includes such internal control as the directors determine is necessary to enable the preparation of the financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error.

In preparing the financial report, the directors are responsible for assessing the ability of the company to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the directors either intend to liquidate the company or to cease operations, or have no realistic alternative but to do so.

Auditor's Responsibilities for the Audit of the Financial Report

Our objectives are to obtain reasonable assurance about whether the financial report as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Australian Auditing Standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of this financial report.

As part of an audit in accordance with the Australian Auditing Standards, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial report, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit 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 company's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the directors.
- Conclude on the appropriateness of the directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial report or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the company to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the financial report, including the disclosures, and whether the financial report represents the underlying transactions and events in a manner that achieves fair presentation.

We communicate with the directors regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide the directors with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.



SOTHERTONS
Adelaide Partnership

42 Hurtle Square, ADELAIDE



ALEX READE
Partner

Dated 23 April, 2018

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/.

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 . 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 4th R. Proceedings of the ANZCCART Conference held in Canberra, Australia, 3rd – 5th September, 2006.

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

Blue Sky to Deep Water: The Reality and the Promise. Proceedings of the 2008 ANZCCART Conference held in Auckland, New Zealand, 29th June – 1st July, 2008.

AEC – Best Practice. Proceedings of the 2009 ANZCCART Conference held in Port Douglas, Far North Queensland, 28th – 30th July, 2009.

Science with Feeling: Animals and People. Proceedings of the 2011 ANZCCART Conference held in Rotorua, New Zealand, 26th – 28th June, 2011.

Thinking Outside the Cage:- A Different Point of View. Proceedings of the 2012 ANZCCART Conference held in Perth, Western Australia, 24th – 26th July, 2012.

Can We Do Better? Proceedings of the 2013 ANZCCART Conference held in Sydney, NSW, 23rd – 25th July, 2013.

Information Package for Members of Animal Ethics Committees (Revised and Updated April, 2014).

Mixing it up – Ethics, Science and Adventure Tourism. Proceedings of the 2014 ANZCCART Conference held in Queenstown, New Zealand, 27th – 29th July, 2014.

Animal Ethics – The Gold Standard. Proceedings of the 2015 ANZCCART Conference held on the Gold Coast, Queensland, 21st – 23rd July, 2015.

Man or Mouse. Proceedings of the 2016 ANZCCART Conference held in Melbourne, Victoria, 19th – 21st July, 2016

Maintaining Social licence in a Changing World. Proceedings of the conference held in Queenstown, New Zealand, 2nd – 4th September, 2017.

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 23rd 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 or are currently under review (as indicated).

- The Mouse. Part 1, 1993. Catheryn O'Brien, Margaret Holmes. (Archived)
- The Mouse. Part 2, 1993. Catheryn O'Brien, Margaret Holmes. (Archived)
- The Rat, 1993. David Pass, Graham Freeth. (Archived, under revision)
- Experimental Techniques and Anaesthesia in the Rat and Mouse, 1994. Steven Marshall, Angela Milligan, Ray Yates. (Archived)
- The Laboratory Rabbit, 1994. Ivor Harris. (Archived)
- The Guinea Pig (*Cavia porcellus*), 1994. Denise Noonan. (Archived, under revision)
- The Common Marmoset, 1994. Julie M. Clarke. (Archived)
- The Sheep, 2009. David Adams, Michael McKinley, Ian Colditz and Christina Dart. (Updated)
- The Laboratory Cat, 1995. A.E. James. (Archived, Revised version under review)
- Australian Marsupials, 1995. Louise McKenzie, Clive Cheeson, Rory Hope, Janine A. Duckworth, Lynne M. Meikle. (Archived)
- Restraint and Handling of Captive Wildlife, 1996. Andrew Tribe, Derek Spielman. (Archived)
- In vitro and other non-animal experiments in the biomedical sciences, 1996. Bas J. Blaauboer. (Archived)
- The Domestic Chicken, 2009. Philip Glatz, Kim Critchley, Mark Hill & Christine Lunam. (Updated)
- The Dog as an Experimental Animal, 1997. Mary Bate. (Archived)
- Variables in Animal Based Research: Part 1 Phenotypic Variability in Experimental Animals, 1997. Ivor Harris. (Archived)
- Occupational Health and Safety in the Animal House and Associated Laboratories, 1998. Tony James. (Archived, Revised and under peer review)
- The Importance of Non-Statistical design in Refining Animal Experiments, 1998. David B. Morton. (Archived & Replaced by Festing, 2011)
- Variables in Animal Based Research: Part 2 Variability Associated with Experimental Conditions and Techniques, 1998. Julie Reilly. (Archived)
- Pain - Assessment, Alleviation and Avoidance in Laboratory Animals, 1999. (Archived).
- Frogs and Toads as Experimental Animals, 2009. Michael J. Tyler. (Updated)
- Importation, Quarantine and Monitoring of Laboratory Animals, Particularly Rodents, for issue in Australia., 1999. Kevin Doyle. (Archived)
- Development and use of Trans-genic Rodents in Preclinical Research - Practical Issues, 2000. Patrick Hardy. (Archived)
- Doing Better Animal Experiments; Together with Notes on Genetic Nomenclature of Laboratory Animals, 2000. Michael Festing. (Archived & Replaced by Festing, 2011)
- 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. (Archived)
- The Role of Veterinarians in the Care and Use of Animals in Research and Teaching. Simon Bain, Susan Maastricht, Mary Bate, & Denise Noonan, 2011. (Updated)
- Practical guidelines for aseptic surgery in rodents and the management of surgical facilities in a laboratory. 2004. Gary Martinic. (Archived and under revision)
- How to Reduce the Number of Animals Used in Research by Improving Experimental Design and Statistics. 2011. Michael FW Festing.
- Animals in Schools (2013). Sally Bannerman.
- Guidelines for the Humane Killing of Cane Toads (2016). Geoff Dandie

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 for the care and use of animals for scientific purposes*¹. 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.

¹"Australian code for the care and use of animals for scientific purposes" (Eighth edition, 2013): <http://www.nhmrc.gov.au/guidelines/publications/ea28>

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 quarterly and was distributed free to over 1,000 individuals and organisations. ANZCCART also publishes free *Fact Sheets* that are designed to assist researchers, teachers and AEC Members 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 2014 Conference "Mixing it up – ethics, science and adventure tourism" was held in Queenstown, New Zealand and was well attended by delegates from Australia, New Zealand, South Africa and Singapore.

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 the welfare of animals used is paramount and 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.

Honorary Life Members are individuals who have been recognised for their outstanding service to ANZCCART and animal welfare over many years.

General, Lay and Animal Welfare Members are invited by the Board to join ANZCCART. Honorary Life Membership is conferred by the Board and Council. 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

AATSE Australian Academy of Technological Sciences and Engineering
AAWS Australian Animal Welfare Strategy
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
ANZLAA Australian and New Zealand Laboratory Animal Association
ARCA Australian Research Council
ARMCANZ Agricultural and Resource Management Council of Australia and New Zealand
AVAA Australian Veterinary Association
AVAWEA Australian Veterinary Association Welfare and Ethics special interest group
AVASE Australian Veterinarians Associated with Scientific Establishments
AVCARE Agricultural and Veterinary Chemicals Association
AVCCA Australian Vice-Chancellors' Committee (Now Universities Australia)
AVERTA Australian Veterinarians in Ethics, Research and Teaching
AWACA Animal Welfare Advisory Committee
AWC Animal Welfare Committee
BVABritish Veterinary Association
CAAT Centre for Alternatives to Animal Testing (USA)
CCACC Canadian Council on Animal Care
CSIRO Commonwealth Scientific and Industrial Research Organisation
ECVAME 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
NCCAWN National Consultative Committee on Animal Welfare
NHMRC National Health and Medical Research Council
NZVAN New Zealand Veterinary Association
PISC Primary Industries Sub-Committee
RDS Research Defence Society (UK)
RNZSPCAR Royal New Zealand Society for the Prevention of Cruelty to Animals
RSNZ Royal Society of New Zealand
RSPCAR 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