



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

TWENTY NINTH ANNUAL REPORT  
Year Ending 31<sup>st</sup> December 2021

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## Board Chair Report David Mason

**It is my pleasure to be able to present the 2021 annual report.**

ANZCCART has continued to do well throughout 2021. The year has been a tough and challenging year for us all, as COVID-19 continued to challenge and upset the way that we operate. Pleasingly though we've still managed to achieve some significant goals.

Professor Gail Anderson has continued to lead our [ComPass Project](#). We now have all 4 phases of the program published. The last module within Phase 3 on Australian and New Zealand wildlife will continue to be developed throughout 2022. There are more specific details on the program further in the report.

I'd really like to thank Professor Anderson for all the effort, energy and passion that she has put into this project. ComPass is a project that the ANZCCART board feels very strongly about and it is very pleasing to be able to deliver such a solid outcome.

Dr Malcolm France (board member) has also worked very hard throughout the year supporting a number of initiatives including the development of our [Openness agreement](#) in Australia. It has been very heartening to see the level of professional dialogue and discussion about this issue. We have also (early 2022) just completed a public consultation process as well. Under Dr France's stewardship we will continue to work through this agreement in 2022.

The [New Zealand Openness agreement](#) was launched very successfully in 2021 with

signatories from all New Zealand Universities and many research and teaching facilities as well; - some 21 inaugural signatories. All involved should be very proud of this fantastic achievement.

The New Zealand conference was delayed from 2020 into 2021 due to COVID but managed to go ahead in July. Many New Zealanders, and one Australian, managed to attend this in person whilst a large number also participated through their virtual platform. The conference, with a theme of openness, was a great success. Thank you to the New Zealand ANZCCART board and all those involved in organising the event. A great success in some challenging COVID circumstances.

Our [ANZCCART Conference 2022](#) is coming to Melbourne from the 26 to 28<sup>th</sup> of July. Watch out for further information and registration details.

Chris Wadey, our administrative manager, has once again done a fantastic job supporting the organisation. Monthly newsletters have continued to be a key success, along with continued updates to our website and working closely with the Adelaide University team to continue the functions and support of the organisation. Thank you Chris!

Finally, thank you to all of the ANZCCART board members. It has been an absolute pleasure to continue to work with everyone throughout the year. We've achieved a lot through which we should be very proud.

David Mason

## Who we are and what we stand for.

### **Vision:**

To be the leading source of information and advice concerning the ethical and scientific use of animals in research and teaching.

### **Mission:**

To achieve its Vision, 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.
- 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.



### **Values:**

- Openness
- Honesty
- Respect
- Progressive
- Excellence

# ANZCCART Strategic Pillars

## Leadership

Leading and advising all those involved in research and teaching that utilizes animals

- Advice
- Direct feedback & support
- 3Rs
- Development of an Openness agreement and supporting organisations to understand the value of being signatories.

## Training

- ⇒ Conferences
- ⇒ Training
- ⇒ ComPass
- ⇒ Direct Training

### Publications

- Proceedings
- Newsletters
- Website platform

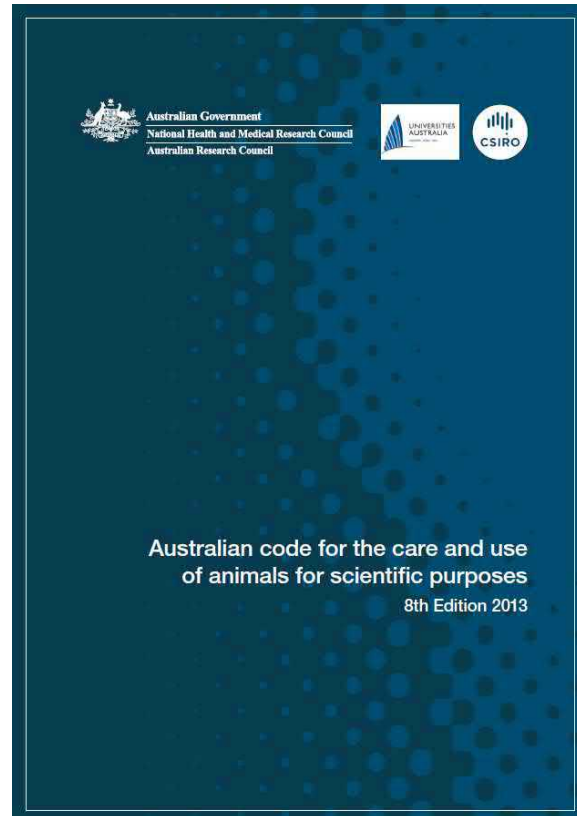
## Financial & Governance Responsibility

ANZCCART needs a solid financial positioning to ensure that we are able to continue our projects and key activities. We also need to ensure that our organisational governance is well structured and upheld.

We have developed a financial model and business plan for 2021 and beyond.

# PREPARE

# ARRIVE



Some of the key documents that ANZCCART refers to and endorses.

These documents provide a strong framework around which our organisation is able to achieve its vision and mission.



## Openness Agreement

The launch of the [Openness Agreement on Animal Research and Teaching in New Zealand](#) was a major achievement for ANZCCART in 2021.

Openness agreements are a form of public pledge that institutions may sign to demonstrate commitment to greater transparency and public understanding of animal research. The concept was pioneered in the UK with its 2014 [Concordat on Openness on Animal Research](#). This has since formed the basis of [similar initiatives in other countries](#) although the New Zealand agreement is the first outside Europe.

Development of the New Zealand agreement was led by a working group convened by ANZCCART with representatives from the research community, government, animal protection and science media. Special acknowledgement must go to Jodi Salinsky for her leadership in this effort.

A unique feature of the New Zealand agreement is its commitment to enhancing communications with tangata whenua (the Māori people) about

the use of animals in research and teaching. This expands the agreement beyond the four commitments common to those of other countries.

The New Zealand Openness Agreement now has 26 signatories spanning universities, research institutes, government organisations and professional associations.

Work towards the development of an openness agreement for Australia progressed in 2021. This too is being led by a working group convened by ANZCCART with representation from peak industry and funding bodies and animal welfare organisations. An important outcome from the working group was the finalising of a draft openness agreement to be released for public consultation.

In order to support institutions in their efforts to demonstrate greater openness, ANZCCART has continued its links with two organisations that have led openness initiatives overseas: the UK's [Understanding Animal Research](#) and the [European Animal Research Association](#).



## ComPass Animal Welfare Training Course

We did it! All four phases of the ComPass training materials are now available free on-line for use by anyone in the animal welfare sector. Phase 4,



the last of the originally-planned materials, was released and loaded on the Australian ANZCCART site mid-March 2022. For those less familiar with ComPass let me outline the offerings available now.

### Compass Core Content (Phase 1)

The Core Compass material, aimed at enhancing understanding of the Australian Code for the Use of Animals for Scientific Purposes, 2013, and the NZ Guide, 2021, by those using animals in research, teaching and training, was released on December 1, 2020. The modules are written in Articulate/Rise 360 offering a degree of interactivity and quizzes for formative and summative feedback. A certificate of completion is gained after successful completion of the first core phase (as proof of training for those submitting AEC applications).

This phase covers the ethical considerations, project or activity planning and the steps needed to gain permission for animal use. Consisting of seven content modules and one test/quiz module, this material covers the basics needed by animal users and members of the Animal Ethics Committees to comply with the various regulations about animal use. Each module includes a case study, resources for further study and formative quiz questions at the end.

#### **Module One - Ethics, animal use and the legislation**

- Why do we need legislation – the concept of social licence
- What do the Codes cover and what does Scientific Purposes mean?
- What is an animal in this context?
- When do I need ethics approval?
- The Approval Process

- Responsibilities of the Animal User

#### **Module Two – The Application process, the Animal Ethics Committee review and what they want to see in your application**

- What is an AEC? What powers does it have?
- How is an AEC structured? Categories of membership
- What are their expectations? – lay language and acronyms
- Thinking about the animal's day, introduction to the 3Rs
- Who oversees the AEC? Compliance frameworks
- Monitoring and record keeping requirements

#### **Module Three - Research Project and Teaching Activity planning**

- Are animals necessary? – models and simulators, introduction to the 3Rs
- Prepare guidelines
- Arrive guidelines
- Blinding, randomisation and bias in research projects
- Justification of animal use and numbers

#### **Module Four – Animal Wellbeing and the 3Rs**

- The five freedoms and the five domains - concepts of welfare
- Reduction
- Replacement
- Refinement – environmental enrichment
- Recognising pain and suffering and how to ameliorate them

#### **Module Five – Unexpected Adverse events and what to do**

- What could possibly go wrong?
- Scientific versus humane endpoints
- Reporting adverse events
- The role of the veterinarian or welfare officer in managing adverse events
- The value of post-mortem examination

#### **Module Six – Are my animals well? – monitoring wellness and recognising suffering**



- Recognising normal behaviours and providing the environment to enable them
- How will my intervention affect my animals?
- Customising your clinical record sheet
- Scoring methods - grimace scales and body condition score
- Tumour progression and health - Humane versus scientific endpoints

### **Module seven - Humane Methods of Killing**

- Principles of euthanasia or “good death”
- Methods of euthanasia and their physiological and pathological effects, species variability
- Confirmation of death
- Specimen collection and the effect of euthanasia method
- Disposal of cadavers of various containment levels
- Short section on zoonoses and Lab Animal Allergy

Module 8 is the Summative Quiz and certificate of completion for the knowledge-based section.

### **ComPass Phase Two – Essential Knowledge for Procedures and Animal Care**

This section provides content and resources for research animal users to enhance their competence/knowledge when using animals. This phase consists of a further eight modules covering the technical aspects of animal use. Each module has a summative quiz that when passed has a certificate of completion as proof of training. The researchers can choose which of the modules may be relevant to their specific methods and species.

The technical modules outline these topics:

- Minimally invasive techniques without anaesthesia, low stress handling methods, administration of medications/drugs without anaesthesia
- Analgesia and anaesthesia for minor procedures lasting less than 15 minutes
- Analgesia, fluid therapy and anaesthesia for more major procedures
- Aseptic technique for surgery and sterilisation methods
- Surgical principles and materials

- Performing a systematic post-mortem examination – basic anatomy and identifying gross pathology
- Managing a breeding colony
- Behavioural assessment and neuroscience specific tests

### **ComPass Phase Three – Performing Procedures: Competency Training & Assessment**

This phase provides the training methods, videos and guides to assist trainers to train research students and use direct observation of practical skills (DOPS) to then assess them. The student trainees can also access these materials for their own learning as a scaffold for learning. To enable consistency of testing, the competency assessment templates for these skills are provided. The DOPS trainers resemble standard operating procedures (SOPs) for these activities but taking into account current best practice from National Centre for the 3Rs (UK).

#### **Module 1 - Technical Skills for Laboratory Animal Methods**

- Lab Animal handling – video resources, DOPS guides for trainers and competency assessment template for sign off
- Performing injections - video resources, DOPS guides for trainers and competency assessment template for sign off
- Gavage training – video resources, DOPS guides for trainers and competency assessment template for sign off
- Humane euthanasia methods – video links, DOPS guides for trainers and competency assessment template for sign off
- Performing a post-mortem – video links, DOPS guides and competency assessment template for sign off

#### **Module 2 - Surgical and Anaesthesia Skills for researchers**

- Includes templates for training for aseptic technique assessment as well as content for surgical skills training a provision of analgesia.
- Local anaesthesia and general anaesthesia methods– video links, DOPS guides and competency assessment template for sign off

**ComPass Phase Four - Training for Animal Welfare Officers, University Veterinarians, Laboratory Animal Vets and Staff** (similar in concept to training of named veterinarians in the UK).

The resources included in this module are aimed at supporting the veterinarians and senior technicians who work with laboratory animals. The curriculum is loosely based on the training in the UK for the so-called “named veterinarians” who are formally licensed to do this work. This module provides the competency areas and resources for those transitioning from regular veterinary work to working with laboratory species.

All these four phases are now complete and available for use. So in the last 15 months ComPass has grown from provision of the essential requirements for training animal users and Animal Ethics Committee members in their responsibilities and roles under the law. Now ANZCCART’s ComPass is a provider of multiple training resources for animal users as well as the veterinarians and technical staff who both train and assess them for competence. The end game is to lift animal welfare standards across the broad gamut of users and facilities by this provision of resources for the Australian and NZ spheres.

ComPass has now been taken on as the official training site for at least two Universities that we know about– namely University of Adelaide and Macquarie University. It is being used as part of undergraduate student course training in an animal welfare course at U Wollongong.

Some testimonials for ComPass

- *“I am a lay member of ACEC at SCU and am completing the above course. The course was amazing... I think it should be mandatory for all ACEC members and those writing submissions. It’s a great training tool. Congratulations”* Kate H, AEC member
- *“I’m a UK-trained neuroscientist and longstanding member of the Macquarie University Animal Ethics Committee (and now Chair). I wanted to thank you and your team for the hard work, wit and vision employed in developing ComPass - it's fantastic! Our*

*Committee has unanimously voted to incorporate it into the training program provided to researchers and new AEC members. Great stuff”.* Simon, Chair AEC

- *“What a tremendous resource! THANK YOU so much for stepping up and filling the gap to create this training, what an outstanding contribution to Australasia (at least), our RTT animals and to the people involved with them in some way.”* Juliet K, Massey AWO

I would like to take this opportunity to thank again the team of contributors to the modules over the last 15 months. The team has changed over time and has grown due to the addition of some area experts. The team includes university veterinarians from across Australia and New Zealand as well as members of CSIRO in Australia and SPCA and DPI in NZ.

- Professor Gail Anderson, Uni Vet, University of Adelaide and Project Leader for ComPass
- Dr Deirdre Bourke, AWO, University of Western Australia, Perth
- Dr Ele Hunt, AWO, Monash University, Melbourne
- Dr Corrine Alberthsen, Mater Research Institute, Brisbane
- Ms Sharyn Zrna, EO, CSIRO, Adelaide and Dr Tony Rowe, CSIRO, Sydney
- Dr Jane Dunnett, AWO, University of Tasmania, Hobart
- Dr Yvette Ellen, AWO, QIMR, Brisbane
- Dr Nicole Clarke, AWO, University of Sydney, Sydney
- Dr Jim Webster, Dept Primary Industries, NZ
- Dr Arnja Dale, SPCA, NZ
- Michael Brockhouse and Kym Schutz – LEI team at Uni Adelaide- without whom the materials would not be online and with certificates that work!

Heartfelt thanks for all those involved for all their editorial contributions. Especial thanks also to Chris Wadey, and Drs David Mason of ANZCCART and Adam O’Connell, and Dr John Finnie, Uni Vets Adelaide, for their support and being “guinea pigs” during the developmental process and contributions for the Phase 2 post-mortem module.

As we venture into provision of some resources for wildlife users in both countries, there will be more

local experts needed to help in resource development. Especial thanks go to Drs Deirdre Bourke, Jane Dunnett, Yvette Allen, Shari Cohen and Jodi Salinski for their support and valued contributions over the long haul!



Watch this space!  
Gail I Anderson  
ComPass team lead

## Board Members:

Board Members at the end of 2021

Name	Member type	Tenure	Role
Dr David Mason BVSc MANZCVSc GAICD MBA	Lay Member	Continuing	Chair
Ms Cathy Pitkin BA(Hum), BBus(Comm), MIntComDev, Certificate in Executive Management, Leadership and Development	CSIRO Representative	Continuing	Deputy Chair
Dr Mandy Paterson BVSc (Hons), MEd, PhD	RSPCA Representative	Continuing	Welfare organisational representative
Professor Pat Cragg BSc (Hons), PhD (Brist)	RSNZ Representative	From April 2020	
Dr Malcolm France BVSc PhD MANZCVS (Pathology)	Private Member	Continuing	Scientific communicator
Professor Alan Tilbrook BSc (Hons), PhD	Universities Australia Representative	Continuing	
Ms Chris Wadey	ANZCCART Staff	Continuing	Company Secretary

There were no changes to the Board membership in 2021.

## Honorary Life Members

Warwick Anderson AM, BSc (Hons), PhD
David Bayvel QSO, BVMS, DTVM, MACVSc, MPP (Dec)
Elizabeth Grant AM, PhC, MPS
David Mellor ONZM, Hon Assoc RCVS, BSc (Hons), PhD
Michael Rickard BVSc (Hons), PhD, DVSc, FTSE (Dec)
Margaret Rose BVSc, PhD
John Strachan LLB

## Board meeting attendance for 2021

	16 February	16 March	20 April	18 May	15 June	26 July	17 August	21 September	19 October	16 November	21 December
David Mason	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cathy Pitkin	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Pat Cragg	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mandy Paterson	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alan Tilbrook	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
Malcolm France	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓
Chris Wadey	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## Directors Benefits

No Director has received or become entitled to receive any benefit by reason of a contract made by the Economic Entity or a related corporation with the Director or with a firm of which he/she is a member, or with a Company in which he/she has a substantial financial interest.

## Information on current Directors:

### **Dr David Mason BVSc MANZCVSc GAICD MBA**

ANZCCART Chair since May 2019. David is a veterinarian with 20 years of clinic experience and has been a company director of a large Australian veterinary group of 19 clinics and also state president of the Australian Veterinary Association (AVA). He is also a current convenor of the AVA Hospitals of Excellence accreditation program. He obtained his membership of the Institute of company directors in 2015 and his Masters of Business Administration in 2019.

### **Ms Cathy Pitkin BA(Hum), BBus(Comm), MIntComDev, Certificate in Executive Management, Leadership and Development**

Cathy has over 25 years experience working in leadership roles across private, government, NGO and research organisations and she is a member of the AICD. Cathy is currently Executive Manager Social Responsibility and Ethics at the CSIRO with responsibility for the organisation's research ethics and integrity function. This includes oversight of animal ethics and welfare within the organisation's research practice.

### **Professor Alan Tilbrook BSc (Hons), PhD**

Professor Alan Tilbrook has over 30 years of experience in leading scientific research on the welfare of animals. His predominant research discipline is neuroendocrinology. He has also established and leads The Animal Welfare Collaborative a national initiative to improve the welfare of animals that is led by The University of Queensland, The University of Western Australia, The University of Adelaide and The University of Newcastle. He is Chair and Research Champion of the National Animal Welfare Research, Development and Extension Strategy and was a founder and Deputy Director of the Animal Welfare Science Centre. For a number of years Professor Tilbrook chaired the Animal Welfare Advisory Committee of South Australia, which advises the South Australian Government on animal welfare, and from 2013 to 2017 he was the chair of the Primary Industries and Regions South Australia Animal Ethics Committee.

### **Professor Pat Cragg BSc(Hons) PhD(Brist)**

Chair of the ANZCCART New Zealand Board since April 2020. Pat is a physiologist, and from undergraduate training, a zoologist; her research area covered cardiorespiratory function and control in health and disease; her breadth of teaching is typified as a co-editor of a long-standing physiology textbook. Prior to retirement in May 2018, she held appointments at the University of Otago, for instance as Head of Department of Physiology, Associate Dean Academic Health Sciences and Acting Dean of School of Biomedical Sciences. Pat was on the University's Animal Ethics Committee for 27 years and on the ANZCCART New Zealand Board for 18 years, with 4 years as Deputy Chair, as well as 7 years as the NZ representative on the ANZCCART Australian Board. For many years Pat was Secretary of the Physiological Society of NZ and Chair of the Scientific Committee of the Otago Medical Research Foundation. From mid-April 2019 she returned from retirement to be the Acting Deputy Vice-Chancellor Academic at the University of Otago.

### **Dr Mandy Paterson BVSc (Hons), MEd, PhD**

Mandy has worked as the Principal Scientist for RSPCA Qld for 12 years. She worked as a clinical veterinarian for over 20 years and then moved into research. Her areas of interest include animal welfare policy and research, shelter management and practice, and wildlife policy and management. Mandy represents the RSPCA on several Government and industry committees and working groups.

### **Dr Malcolm France BVSc PhD MANZCVS (Pathology)**

Malcolm France is a consultant veterinarian working in the care and management of laboratory animals. He has a PhD in veterinary pathology and has served as the director of animal facilities at two of Australia's Group of Eight universities. Other appointments have included chair of two Animal Ethics Committees, reviewer for the international journal Laboratory Animals, ad hoc site visitor for AAALAC International, inaugural President, Registrar and Public Officer of ANZLAA, member of the ICLAS regional committee, and secretary of the ANZCVS laboratory animal chapter

## ANZCCART Board and Council<sup>1</sup> throughout 2021

### Chair:

Dr David Mason BVSc, MANZCVSc, GAICD, MBA	Lay Member
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### Members:

Dr Andrew Brennan BA, PhD	Lay Member
Dr Robert Cassidy BVSc (Hons), BSc (Hons), DipEd, Grad Cert Anim Welfare	Biosecurity Queensland Department of Agriculture, Fisheries and Forestry
Dr Mary Lou Conway BVSc, PhD, MANZCVS (Animal Welfare)	Department of Primary Industries, Parks, Water and Environment – Tasmania (left Jan 2021)
Professor Pat Cragg BSc(Hons) PhD(Brist)	RSNZ
Dr Toni Dalziel	SA Department for Environment and Water
Dr Kevin Doyle AM, BVSc, DVSc hc, MANZCVSc, Grad Cert Man, MASM	Australian Veterinary Association
Dr Malcolm France BVSc, PhD, MANZCVS (Pathology)	Consultant
Dr Sue Martin BVSc	Department of Primary Industries, Parks, Water and Environment – Tasmania (from February 2021)
Dr Dani Maver BVSc (Hons), MANZCVS	Bureau of Animal Welfare, Victoria
Dr Mandy Paterson BVSc (Hons), MEd, PhD	RSPCA
Ms Cathy Pitkin BA(Hum), BBus(Comm), MIntComDev, Certificate in Executive Management, Leadership and Development	CSIRO
Mr John Strachan LLB	Animal Welfare Member
Professor Alan Tilbrook BSc (Hons), PhD	Universities Australia

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

## ANZCCART New Zealand Board and Staff

ANZCCART in New Zealand operates as a Standing Committee of the Royal Society Te Apārangī 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 Te Apārangī has a seat on the Board of ANZCCART Australia.

### ANZCCART NEW ZEALAND BOARD

#### Chair

Pat Cragg BSc, PhD	Appointed by the Royal Society Te Apārangī
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#### Members

Ngaio Beausoleil BSc, PFCertSc, PhD	Massey University (Universities New Zealand nominee)
Sally Birdsall BA, DipTchg, GDITE, MED (Hons), PhD	University of Auckland (Appointed by Royal Society Te Apārangī)
Vanessa Borman MSc (from 5/8/2021)	AgResearch (AgResearch nominee)
Laura Bennett BA, MA, PhD (left 1/11/21)	University of Auckland (Appointed by Royal Society Te Apārangī)
Arnja Dale, BSc, GDHE, MSc (Hons), PhD	SPCA New Zealand (Associate member nominee)
Justin Dean BSc (Tech), MSc, PhD (from 1/11/21)	University of Auckland (Appointed by Royal Society Te Apārangī)
Mike King BAppSc(Hons), PhD, PGDipArts	University of Otago (Appointed by Royal Society Te Apārangī)
Kate Littin BSc, MSc, PhD	Ministry for Primary Industries (Associate member nominee)
Jodi Salinsky BA, BS, DVM, MANZCVS (Avian Health)	University of Auckland (Co-opted member)
Ian Saldanha BSc, PGDipSci (from 5/8/21)	Malaghan Institute (Appointed by Royal Society Te Apārangī)
Jim Webster BAgSci, MAgSci, PhD (left 11/5/21)	AgResearch (AgResearch nominee)

### ANZCCART Fellow

(An observer position for postgraduates within 8 years of completion of their degree on the NZ Board)

Essie Van Zuylen BSc, PGDipSci from 19/4/21)	University of Otago (Appointed by Royal Society Te Apārangī)
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### Executive Officer (part-time)

Marc Rands BSc (Hons), DPhil, FRGS

### Full members of ANZCCART New Zealand

AgResearch
Landcare Research
Royal Society Te Apārangī
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 Institute of Technology - Dept Natural Sciences



## ANZCCART New Zealand Board Report 2021

ANZCCART New Zealand Board held two face-to-face meetings and four video conference meetings during 2021, as well as a video conference meeting with the Australian Board. The Chair of the ANZCCART (NZ) Board, Pat Cragg, 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**

#### *Recognising the application of the 3Rs in New Zealand.*

The 2020/21 National Animal Ethics Advisory Committee (NAEAC) Aotearoa New Zealand John Schofield 3Rs implementation award, funded by ANZCCART NZ, was won by Dr Benjamin Albert and his colleagues from the Liggins Institute for incorporating oils, containing nutritional supplements or drugs, into edible gels for rats as an alternative to the oral gavage administration which has traditionally been the most physiologically appropriate method used in small laboratory rodents.

#### *Animal Care award*

The 2020 ANZCCART New Zealand Animal Care Award to recognise the significant contribution made by individual New Zealand-based technicians and research assistants to the welfare of the animals was made to Trevor Watson (Research Associate, Animal Welfare Team, AgResearch), for his training of new staff, development of standard operating procedures, and care for the animals he works with.

### **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**

#### *Openness Agreement on Animal Research and Teaching in New Zealand*

The New Zealand Openness Agreement was launched at the ANZCCART conference on 27 July 2021 with 24 signatories by the end of the year, including universities, institutes of technology, non-profits, Crown Research Institutes, government organisations, umbrella bodies, research funding organisations and learned societies. Media coverage about the launch of the Agreement can be found [here](#).

#### *ANZCCART Conference 2021*

The delayed 2020 conference was held in Queenstown on 25 -28 July 2021 with the theme “Openness in Animal Research”. The conference was held on-line as well as in person, with 74 attending in person, and 113 participating on-line. The Proceedings of the conference can be found [here](#), with videos of the speakers recorded and made available on-line after the conference.

#### *ANZCCART Fellowship for postgraduate membership of the Board*

To enable the board to benefit from early career researcher perspectives, an ANZCCART Fellowship for a Postgraduate Observer was created, with an honorarium provided to support their time commitment as they were not funded to participate by an organisation.

#### **Priority 3: To promote education and training in the responsible use of animals**

##### *Develop educational resources around Māori perspectives of animals in science*

The project proposal to develop educational resources around Māori perspectives of animals in science was successful in receiving a grant from the Ministry for Primary Industries Sustainable Food & Fibre Futures Fund to take forward the project in 2022.

##### *Development of ANZCCART training resource accreditation*

ANZCCART NZ Board members collaborated during 2021 with ANZCCART Australia in providing updates to the New Zealand component of the ComPass training modules, which had been launched on 1 December 2020.

##### *Support Schools and School Science Fairs*

School Science Fair prize for projects with the correct animal ethics approval application, and that demonstrated the importance of ethics approval, was also made to: Aurora Otago Science & Technology Fair; Eastern Institute of Technology (EIT) Hawke's Bay Science and Technology Fair; National Institute of Water and Atmospheric Research (NIWA) Canterbury-Westland School Science and Technology Fair; and NIWA Wellington Regional Science Fair.

#### **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**

##### *Interaction with NAEAC and NAWAC*

A joint meeting with NAEAC was held on 28 July, and Board members attended the on-line NAEAC and National Animal Welfare Advisory Committee (NAWAC) Fish Welfare workshop on 16 November. NAEAC was also promoting the use of the ANZCCART ComPass training resource for Animal Ethics Committee members.





## ANZCCART Conference NZ 25-28 July 2021 Queenstown, New Zealand

### OPENNESS IN ANIMAL RESEARCH

Queenstown – what a majestic venue with its snow-capped mountains and lake views tantalisingly visible from the conference room in the Copthorne Hotel & Resort. The Icebreaker Reception, held late afternoon/early evening on the Sunday (25th July) in the Skyline Chalet, was reached by gondolas with awesome views of the lake and mountains on the way up and twinkling Queenstown lights on the way down. Kaumatua Darren Rewi (Ngai Tahu), our first speaker of the next day and the Chair of the New Zealand ANZCCART Board provided short mihi whakatau (welcome) speeches interspersed with waiata (singing) to 74 conference attendees and the ice was broken as everyone chatted and feasted from a variety of platters accompanied by Central Otago wines and beers. The one thing missing was our international and Australian colleagues (bar one – Gail Anderson) who because of Covid-19 were restricted in the next 3 days to participation by Zoom but swelling the delegate number by a further 113.

The [2021 Conference Programme](#) was a re-cycled 2020 programme – cancelled in 2020 because of Covid-19 – but with some deletions and additions and still very much on the theme of *Openness in Animal Research* inclusive, of course, of the use of animals for teaching purposes as ANZCCART focuses on the care of animals in teaching as well as in research. The entire New Zealand Board crafted the programme and the presenters and, at question time, the audience brought it to life with panache ([Conference proceedings](#)).

*Openness* very much relates to phrases in ANZCCART’s mission statement – to promote *discussion* around the social, ethical and scientific use of animals in research and teaching; to promote *informed* discussion and *debate* within the community regarding these matters; and central to ANZCCART’s philosophy are the 3Rs – *refinement* of techniques and protocol design, *reduction* in the number of animals used and *replacement* of animals with alternatives – to which many at the conference added a fourth tenant, *respect*. There is a spectrum of opinions and, as we all have different ethical boundaries, we must be able to explain and justify those boundaries and try to understand what underpins another person’s boundaries and do that with *respect*.

*Openness* is how we achieve informed discussion. We need to be transparent in all we do so that public perception and understanding of how and why scientists use animals for research and teaching provides the public with confidence that animals are used ethically with extreme care for the animals’ welfare and for outcomes that can be proved to be beneficial. In New

Zealand animals are taonga (treasured) and our use of them must take a tikanga (doing the right thing) approach and an understanding of science from a Māori perspective. Mātauranga Māori spans Māori knowledge, culture, values and worldview.

Hence Monday's (26th July) first session focussed on **Indigenous perspectives** on openness with the implications of tikanga for animal research (Dan Hikuroa, University of Auckland) and on Māori knowledge as a local form of philosophy: openness in shifting towards Māori values and an assertion of differences (Georgina Stuart, Auckland University of Technology). This was followed by **International experiences** related to establishing Openness Agreements – Kirk Leach (European Animal Research Association) and the Spanish example (Javier Guillen, AAALAC International); How AAALAC (Association for Assessment and Accreditation of Laboratory Animal Care) accreditation can assist with openness (Virginia Williams, Animal Welfare Consultant); Contrasting procedure definitions and statistical reporting between Australia and the UK (Nicole Clarke, University of Sydney); and Frameworks and Codes for the ethics of animal versus human research (Tim Dyke, La Trobe University).

After lunch we focussed on the **Three Rs and New Approaches** – Developing a free-range learning apparatus for pigeons (Damian Scarf, University of Otago); developing the IMPROVE (Ischaemia Models: Procedural Refinements Of in Vivo Experiments) guidelines (Brad Sutherland, University of Tasmania); funding incentives in animal research as a driver to transition to use of replacements/alternatives (Shanti Ahluwalia, NZ Anti-Vivisection Society); and establishing an animal tissue sharing resource for research and teaching initially within Massey University and eventually New Zealand-wide which will help reduce the numbers of animals used each year (Juliet Cayzer, Massey University).

The first day culminated in presentations and a panel discussion on the **Porsolt Forced Swim Test (FST)**, which was developed in the 1990s, from: Bronwen Connor (University of Auckland) who described its use for identifying potential new anti-depressants rather than for modelling depression itself as the FST only tests coping strategies and indicated she herself no longer uses FST; Ngaio Beausoleil (Massey University) who described the negative impact of FST on rat welfare using the five domains model for assessing welfare; Tara Jackson (NZ Anti-Vivisection Society) who advocated that progressing science means abandoning the FST; and Greg Anderson (University of Otago) who described anti-depressant discoveries over the years using FST and concluded that one had to beware of false positives from drugs that were stimulants affecting locomotor activity like swimming, the test duration should be limited to 5-6 minutes, FST is not a 'readout of depression' but is a useful predictor of clinical anti-depressant efficacy if combined with other tests (sucrose preference, social interaction or open field tests). The Q&A session amongst the panel and audience was robust, acknowledged that few in New Zealand continued to use the FST and although strongly in favour of not using FST, concluded that rather than banning its use, we should just trust AECs to stop approving use of the FST.

Day Two's first session on **New Zealand wildlife** covered the intricacies of gene editing from Peter Dearden (University of Otago) and its use for pest control with reflection on how we balance our responsibilities to predators and prey, is gene editing more ethical than spreading toxins?, and should there be any limits on what we do in defence of our natural ecosystems? Liz Slooten (University of Otago) provided a fascinating account of the 1984-2024 research on

New Zealand dolphins (Hector's and sub-species Maui) and her work to ensure they do not become extinct.

The next session's theme was **Openness in practice** where: Dana Briggs (Dana Briggs Consulting) asked if our research institutions each had a risk management framework that allowed them to be transparent and able to invite a journalist into their animal facilities; Rachel Smith (Humane Research Australia) discussed freedom of information legislation in relation to animal research and the perspectives of anti-vivisection organisations in Australia, UK and USA who use the freedom of information route because there is not enough information in the public domain; Carlee Mottley (University of Wollongong) described a technician's approach to openness as one step at a time which started at Wollongong in 2018; Gail Anderson (ANZCCART Australia and University of Adelaide) gave an overview of the 8 modules she has developed/is developing, with veterinarians and welfarists in Australia and New Zealand, collectively called ComPass (Competency Passport) and is a suite of freely available online training material designed for animal users in teaching and research and hosted on the ANZCCART website; and Katrina Whitting (Queensland University of Technology) described QUT's new approach to its animal ethics training switching from a static PowerPoint style to an engaging and interactive one-hour online course that focussed on animal wellbeing, encouraged reflection, included lots of questions along the way and video clips of experts viewpoints, and an end-of-course MCQ.

The session before lunch was an unscripted Openness in Practice panel chaired by Pete Hodgson (past chair of ANZCCART NZ Board) where panelists (Jim Webster, AgResearch Ruakura; Jodi Salinsky, University of Auckland; Mike King, University of Otago; Siouxsie Wiles, University of Auckland; and Tara Jackson, NZ Anti-Vivisection Society) gave their views on openness and answered questions from the audience and each other. Pete's view is the social license given to us by legislation to use animals for research and teaching could be taken away at any time if we lose public trust and that we can all describe polarising animal use experiences. Jim talked about the Openness at AgResearch through its re-vamped website that included its Code of Conduct for use of animals and that his local AEC meets every fortnight and all its members have come to this ANZCCART conference. Jodie emphasised the need for constructive dialogue amongst all interested parties and that there are different interpretations of openness depending on one's background. It will take progressive small steps to achieve openness. Scientists need to be confident in communicating how, when and why they are using animals in research and teaching and need to be open about what they are progressively doing to replace animals. Care for the wellbeing of an animal is vital – not only physiologically good for the animal but also ensures research outcomes are valuable. Mike stressed the wellbeing care and tikanga, that information from institutions should be visible and in simplified 'lay' language allowing the reader to draw conclusions, that openness will come with risks and that both public and private discussions are required. Siouxsie wanted scientists to focus on the reduction principle in the 3Rs, acknowledge properly the animals used and provide public statements about their research and its benefits, not just a link to the scientific article. Raw data should be made available as well as video footage of the animals in use. Tara thanked those scientists willing to have one-on-one meetings with her and take her around their animal facilities, stated that her and NZAVS' end-goal is to eliminate the use of animals in research and teaching and stressed that scientists should make it clear when animals have been replaced as this will change the conversation. Openness will both

avoid the repetition of studies and acknowledge that it is the public's right to know what goes on in animal facilities. NZAVS is seeking mutual benefits (e.g. re-homing rats after the research is finished) and mutual respect and wants to work with scientists and not have to engage in public campaigns.

The session after lunch was an **Openness update** in which Cassandra Kenworthy (New Zealand Barrister) gave an overview of the New Zealand Official Information Act (1982) and the New Zealand Animal Welfare Act (1999) and the inherent obligations related to information release about animal use in science, including what legally constitutes good reason for withholding information. She considered that the annual public reporting on animal use in New Zealand coordinated by MPI (Ministry for Primary Industries) was not detailed enough as there was no information on the stress or pain experienced by the animal, no reporting of unexpected adverse events, no information on the necessity for the experiment and no identification of institutional code holders. She contrasted this with the more transparent and proactive disclosure produced by District Health Boards for the reporting of adverse patient events.

The next presentation was a double act from Jodi Salinsky (Animal Welfare Officer, University of Auckland) and Malcolm France (Consultant in Laboratory Animal Care and Management, Sydney) on conversations with animal rights and anti-vivisection groups on the road towards an openness agreement for each of Australia and New Zealand – investigating the boundaries of openness (Jodi) and stories of openness (Malcolm). Jodi's message was to establish a post-research/teaching re-homing of animals network in New Zealand and a registry of animal research using lay summaries, also to gain funding for research into replacement of animals, and initiate a review of New Zealand AEC structure and processes. Malcolm's message was that animal rights was a thought-provoking branch of philosophy that encourages scientists to see the world through the eyes of animals. In his encounters with animal rights advocates (e.g. PETA, People for the Ethical Treatment of Animals), he has always found them well-informed and respectful and found communication by conversations, not just talking as conversations require listening, was very rewarding. Conversations to understand the diversity of ethical views is essential if the century and a half of stalemate between animal research vs animal rights is going to move forward.

The conclusion of the Openness Update session was the launch by Jodi Salinsky and Siouxsie Wiles, on behalf of the ANZCCART NZ Board, of the Openness Agreement on Animal Research and Teaching in New Zealand with 21 inaugural signatories. [Media coverage](#) was excellent.

The final session of the day was the **Cam Reid Oration**, established in 1995 and named in honour of Dr Cam Reid's pioneering role in the evaluation and adoption of standards of ethical conduct for animal experimentation in New Zealand. Cam was instrumental in promoting Animal Ethics Committees in New Zealand long before the Animal Welfare Act required them. A New Zealand recipient is selected by the ANZCCART NZ Board, now every three years to coincide with a New Zealand-based ANZCCART Conference, and the honour was bestowed on Professor Craig Johnston (Massey University) for his extensive contribution to animal anaesthesia, animal welfare science, research ethics and bioethics through more than 250 research publications, and his past work in animal ethics and animal welfare via the ANZCCART NZ Board, the National Animal Ethics Advisory Committee and more recently the

National Animal Welfare Advisory Committee. His talk was on using the EEG (electroencephalogram) in anaesthetised animals to measure responses to stimuli to indicate if these stimuli would be perceived as painful if the animal were conscious – the technique is called the “minimal anaesthesia model” and enables pain research to be undertaken without inflicting pain on conscious animals. The model has been adapted for use in 13 different mammalian species.

The day concluded, prior to the Conference Dinner, with a Zoom thank you for an excellent conference from the Chair of ANZCCART Australia Board (David Mason) and information from David about the 2022 ANZCCART conference in Melbourne. The Chair of ANZCCART NZ Board provided closing remarks summarising the conference content and thanking the articulate and enthusiastic in-person and online presenters and attendees. Key take-home concepts were: balance the narrative, respect, social licence, context for reporting animal use, ethical boundaries and viewing a new era of positive engagement with animal right advocates as an opportunity not a threat. Special thanks were given to Marc Rands (ANZCCART NZ Executive Officer, Royal Society Te Apārangi), and Deepshika Singh and Nancy de Bueger (both also from the Royal Society Te Apārangi) for their extensive and successful organisational work before and during the conference.

The Conference Dinner on Tuesday night was steeped in Queenstown’s pioneering history requiring access via a 45-minute cruise (with mulled wine etc. available) up and across Lake Wakatipu on the historic steamship TSS Earnslaw to the Walter Peak High Country Farm and its restaurant in the Colonel’s Homestead. Prior to dinner we all gathered in the outdoor amphitheatre for the presentation of New Zealand Awards: (1) the 2020 NZ AEC Member of the Year Award to Ali Callum (Alexa Veterinary Services) for her outstanding service to AgResearch Ruakura, Invermay AEC and development of the Veterinary Animal Welfare Office Group, and to Professor Anthony Phillips (University of Auckland) for his many years on the university’s AEC, now as chair, and leading new online recording systems, post-approval monitoring systems, promoting openness and promoting inclusiveness in all aspects for external AEC members; and (2) the NZ Animal Care Award in 2020 to Brittnee Southland (Massey University) for her work and welfare care of dogs in the university’s Canine Unit and in 2021 to Trevor Watson (AgResearch Hamilton) for his training of new staff, development of standard operating procedures and excellent welfare of animals in his care.

On both full days of the conference, 15-minute media one-on-one training sessions were available courtesy of the European Animal Research Association in the “Science Media Savvy Express” to enable individuals to practice speaking about their work to a general/lay audience. On the Wednesday (Day Three), Kirk Leech (EARA) ran a 3-hour workshop by Zoom to equip attendees with the tools required to start communicating better in a clear and effective manner to a non-scientific audience about their use of animals in research and teaching. A first and very important step in transparency and Openness.

*Professor Pat Cragg  
Chair of ANZCCART NZ Board*

## Office Activities for 2021

The year began with our annual Strategic Planning Meeting by zoom this time from the ANZCCART Office. It is encouraging to see how we have seamlessly accepted and adapted to this shift from face-to-face meetings to virtual meetings as a part of everyday work activities. The meeting was a great opportunity to revisit our vision and mission statements along with our key objectives for the organisation. We were pleased to see that many of the ideas we had planned had been implemented or are in the process of being implemented. The clear and important message from the meeting was to continue the momentum with our key projects, ComPass and the Openness Agreement and to further develop our other initiatives.

The [ComPass Course](#) continued to progress during the year with Gail Anderson, Project Co-ordinator, developing the modules and the working group reviewing them prior to publishing on the website. A second webinar to launch Phase 2 and Phase 3 was held in November almost a year from the initial launch of the core modules. The fourth Phase is underway and due for completion in early 2022. The next stage for Gail and the group is to develop resources for wildlife users in Australia and New Zealand. The Course has been an outstanding success with over 2600 users and is being used as the official training site and as an undergraduate student course training in an animal welfare course at Australian Universities.

The [Openness Agreement](#) is also progressing well with Malcolm France as the Convenor of the working group. The group have been working steadily and collaboratively throughout the year and the agreement is close to a draft for suitable to launch for Public Consultation. Planned for early 2022, the consultation process will be hosted on the website and will seek feedback

from any organisation or individual on the draft Australian Openness Agreement. We are keen and excited to take on board the feedback on this important and much-needed agreement.

Another exciting and greatly anticipated project is the [2022 ANZCCART Conference](#) planned for 26 – 28 July 2022. A local organising committee has been formed and they have provided valuable input for the conference and programme. We plan to host an in-person event with on-line options available to cater for the current climate. The conference programme is progressing well, and we hope to cover groundbreaking research, emerging technologies, mental health issues as well as a focus on the welfare of animals used in research and teaching. It will be an exciting event and registrations are planned to open early in the new year.

Exciting and Innovative projects for ANZCCART are in the pipeline and we look to progress and implement these in 2022. The website continues to evolve as our key projects and future initiatives provide exciting opportunities and challenges to utilise new software and user-friendly web platforms.

ANZCCART has continued to rise to the numerous challenges presented by Covid-19 and the needs of the animal welfare sector. The evolution and revitalisation of ANZCCART is clearly visible as displayed by the many innovative projects planned and underway.

As always ANZCCART is committed to embracing new challenges in collaboration with our stakeholders in providing a necessary and excellent service dedicated to the best interests of animal welfare.

*Chris Wadey*  
*Administrative Manager*



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

A.C.N. 063 383 522

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## **FINANCIAL STATEMENT AND AUDITOR'S REPORT 2021**

**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 2021**

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

Council Particulars

**DIRECTORS IN OFFICE AT 31 DECEMBER 2021**

- David Mason, Chairperson
- Mandy Paterson
- Patricia Cragg
- Catherine Pitkin
- Alan Tilbrook
- Malcolm France

**COMPANY SECRETARY**

- Christine Wadey

**REGISTERED OFFICE IN AUSTRALIA**

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Ph: (08) 8313 7585

**AUDITORS**

UHY Sothertons Chartered Accountants  
80 Flinders Street  
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 2021 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:

Catherine Pitkin BA(Hum), BBus(Comm), MIntComDev  
Director since 2018

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

Dr Malcolm France BVSc, PhD, MANZCVS (Pathology)  
Director since 2019

Professor Alan Tilbrook BSc (Hons), PhD  
Director since 2019

Dr David Mason BVSc, MANZCVSc, GAICD, MBA  
Director since 2019

Professor Patricia Cragg BSc (Hons), PhD (Brist)  
Director since 2020

**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 2021 was \$(44,216) compared with \$93,046 in 2020.

**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 2021. 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 are contained in the body of the annual report.

**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 25 and forms part of the directors' report for the financial year ended 31 December 2021.

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 19 April 2022



David Mason  
Board Chair

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

**Auditor's 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 2021 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.

UHY Sothertons

UHY Sothertons  
Adelaide Partnership  
14 April 2022

Alex Reade

Alex Reade  
Partner

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

Income Statement

**FOR THE YEAR ENDED 31 DECEMBER 2021**

	Note	2021 \$	2020 \$
<b>Income</b>			
Revenue	2	150,883	250,371
<b>Less: Expenses</b>			
Salaries and payroll expenses	3	147,179	111,198
Other expenses		43,799	46,127
Conferences expenses		4,122	-
Total Expenses		195,099	157,325
Surplus/(Deficit) before income tax		(44,216)	93,046
Income tax expense	1(c)	-	-
<b>Surplus/(Deficit) for the year</b>	11	(44,216)	93,046

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 2021**

	<b>Note</b>	<b>2021 \$</b>	<b>2020 \$</b>
Surplus/(Deficit) for the period		(44,216)	93,046
<b>Total recognised income and expense for the period</b>		<u>(44,216)</u>	<u>93,046</u>
<b>Attributable to:</b>			
Equity holder		(44,216)	93,046
<b>Total recognised income and expense for the period</b>	11	<u>(44,216)</u>	<u>93,046</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 2021

	Note	2021 \$	2020 \$
<b>Current Assets</b>			
Cash and cash equivalents	6	315,610	250,629
Receivables and prepayments		8,489	8,991
		<hr/>	<hr/>
<b>Total current assets</b>		324,099	259,620
<b>Non Current Assets</b>			
Property, plant and equipment		5,887	5,887
Accumulated depreciation		(5,887)	(5,887)
		<hr/>	<hr/>
<b>Total non-current assets</b>		-	-
		<hr/>	<hr/>
<b>Total assets</b>		324,099	259,620
<b>Current Liabilities</b>			
Trade and other payables	8	2,446	5,454
Income in advance	5	100,000	-
Employee benefits	9	45,228	33,525
		<hr/>	<hr/>
<b>Total current liabilities</b>		147,674	38,979
		<hr/>	<hr/>
<b>Total liabilities</b>		147,674	38,979
		<hr/>	<hr/>
<b>Net assets</b>		176,425	220,641
		<hr/>	<hr/>
<b>Equity</b>			
Retained earnings	11	176,425	220,641
<b>Total equity</b>		176,425	220,641
		<hr/>	<hr/>

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 2021**

	Note	2021 \$	2020 \$
<b>Cash flows from operating activities</b>			
Cash receipts in the course of operations		220,883	221,350
Cash paid to suppliers and employees		155,902	131,573
<b>Net cash provided by (used in) operating activities</b>	10	<u>64,981</u>	<u>89,777</u>
<b>Cash flows used in investing activities</b>			
Acquisition of property, plant and equipment		-	-
<b>Net cash used in investing activities</b>		<u>-</u>	<u>-</u>
Net increase / (decrease) in cash and cash equivalents		64,981	89,777
Cash and cash equivalents at 1 January		<u>250,629</u>	<u>160,852</u>
<b>Cash and cash equivalents at 31 December</b>	6	<u>315,610</u>	<u>250,629</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 2021**

**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 2021**

**(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.

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FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2021**

**(j) 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.

**(k) 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.

**(l) Trade and other payables**

Trade and other payables are stated at cost.

**(m) 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.

**(n) 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.

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**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2021**

	<b>2021</b>	<b>2020</b>
	<b>\$</b>	<b>\$</b>
<b>2 Revenue</b>		
Funding	120,715	183,230
In kind contribution	30,000	30,000
Publications sales & other income	168	17,141
Conference revenue	-	-
Cash flow boost ATO	-	20,000
<b>Total revenue</b>	<u>150,883</u>	<u>250,371</u>
<b>3 Salaries, wages and related on costs</b>		
CEO	-	-
Administrative assistant	81,154	74,204
Project Coordinator	66,025	36,994
	<u>147,179</u>	<u>111,198</u>
<b>4 Auditors' remuneration</b>		
Auditing the financial report	2,300	2,300
Assisting with the financial report presentation	300	2,300
	<u>2,600</u>	<u>2,300</u>
<b>5 Income in advance</b>		
Funding received to 2023	100,000	-
<b>6 Cash and cash equivalents</b>		
Cash at Bank	315,610	250,629
Balance as per statement of cash flows	<u>315,610</u>	<u>250,629</u>

**AUSTRALIAN AND NEW ZEALAND COUNCIL  
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**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2021**

<b>7</b>	<b>Property, plant and equipment</b>	<b>2021</b>	<b>2020</b>
		<b>\$</b>	<b>\$</b>
	<b>Cost</b>		
	Balance at beginning of year	5,887	5,887
	Acquisitions	-	-
	Disposals	-	-
	Balance at end of year	<u>5,887</u>	<u>5,887</u>
	<b>Depreciation and impairment losses</b>		
	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>
	<b>Carrying amounts</b>		
	At end of year	<u>-</u>	<u>-</u>
		<b>2021</b>	<b>2020</b>
		<b>\$</b>	<b>\$</b>
<b>8</b>	<b>Trade and other payables</b>		
	Trade creditors & accruals	-	3,236
	GST payable	(414)	(313)
	Audit fee accrual	2,860	2,530
		<u>2,446</u>	<u>5,453</u>
<b>9</b>	<b>Employee benefits</b>		
	<b>Current</b>		
	Liability for annual leave	16,639	8,223
	Liability for long service leave	28,589	25,302
		<u>45,228</u>	<u>33,525</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 2021**

	2021 \$	2020 \$
<b>10 Reconciliation of cash flows from operating activities</b>		
<b>Cash flows from operating activities</b>		
Surplus/(Deficit) for the year	(44,216)	93,046
Depreciation	-	-
	<hr/>	<hr/>
<b>Adjusted Surplus/(Deficit) before changes in working capital and provisions</b>	(44,216)	93,046
(Increase)/decrease in prepayments	502	(8,991)
Increase/(decrease) in trade and payables	(3,008)	(166)
Increase/(decrease) in income in advance	100,000	-
Increase/(decrease) in employee benefits	11,703	5,888
<b>Net cash provided by/(used in) operating activities</b>	<hr/> 64,981	<hr/> 89,777
<b>11 Retained Earnings</b>		
Balance at beginning of year	220,641	127,595
Net Surplus/(Deficit) for the year	(44,216)	93,046
Balance at end of year	<hr/> 176,425	<hr/> 220,641

**12 Key management personnel disclosures**

**Transactions with key management personnel**

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

Short term employment benefits	-	-
Post employment benefits	-	-
	<hr/>	<hr/>
Comprising:		
Chief Executive Officer	-	-
	<hr/>	<hr/>

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 2021**

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 26 to 40:
  - (i) are prepared in accordance with the Corporations Act 2001 and comply with Australian Accounting Standards in accordance with the accounting policies described in Note 1 to the financial statements;
  - (ii) give a true and fair view of the financial position of the Council as at 31 December 2021 and of its performance for the year ended on that date; 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.



David Mason  
Board Chair

Dated at Adelaide 19 April 2022

## 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 2021 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.

*UHY Sothertons*

UHY SOTHERTONS  
Adelaide Partnership

80 Flinders Street, ADELAIDE

*Alex Reade*

ALEX READE  
Partner

Dated 26 April, 2022

## Acronyms

AAALAC	Association for Assessment and Accreditation of Laboratory Animal Care
AEC	Animal Ethics Committee
AICD	Australian Institute of Company Directors
ANZLAA	Australian and New Zealand Laboratory Animal Association
ANZCVS	Australian and New Zealand College of Veterinary Scientists
ARRIVE	Animal Research: Reporting of <i>In Vivo</i> Experiments
AVA	Australian Veterinary Association
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DPI	Department of Primary Industries
EARA	European Animal Research Association
ICLAS	International Council for Laboratory Animal Science
MPI	Ministry of Primary Industries (New Zealand)
NAEAC	National Animal Ethics Advisory Committee (New Zealand)
NCEA	National Certificate of Educational Achievement (New Zealand)
NHMRC	National Health and Medical Research Council
NIWA	National Institute of Water & Atmospheric Research (New Zealand)
NZQA	New Zealand Qualifications Authority
NZVA	New Zealand Veterinary Association
PREPARE	Planning Research & Experimental Procedures on Animals: Recommendations for Excellence
RSNZ	Royal Society of New Zealand
RSPCA	Royal Society for the Prevention of Cruelty to Animals
SPCA	Society for the Prevention of Cruelty to Animals
UAR	Understanding Animal Research