

**ALZHEIMER'S  
AUSTRALIA  
DEMENTIA  
RESEARCH  
FOUNDATION**  
ANNUAL REPORT 2013-14



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[www.dementiaresearchfoundation.org.au](http://www.dementiaresearchfoundation.org.au)

# INTRODUCTION

Alzheimer's Australia has been promoting dementia research, working with researchers and providing dementia research funding since its beginnings in the 1980s as a network of consumer support organisations.

In the early days, Alzheimer's Australia provided small grants to support new researchers, and in 2000, three \$10,000 grants were awarded. A lot has changed since then. This year the Alzheimer's Australia Dementia Research Foundation awarded more than \$2.5 million worth of research grants, across 29 different scholarships, fellowships and project grant awards.

## WHO WE ARE

The Alzheimer's Australia Dementia Research Foundation (AADRF) is the research arm of Alzheimer's Australia which funds Australia's talented new and early career dementia researchers.

We believe science holds the key to defeating dementia, so the research we fund is focused on the causes, care, prevention and potential treatments for dementia.

AADRf is managed by Dr Alison Kevan, and supported by Research Communications and Engagement Coordinator Dr Ian McDonald, Donor Relations Manager Andrea Hogg, and Partnership Centre Consumer Investigator Joan Jackman. Administrative and financial support is provided by the Alzheimer's Australia National Office.

## WHAT WE DO

- We invest in Australia's best and brightest new and early carer dementia researchers.
- We support innovative Australian research that offers the best hope of defeating dementia.
- We work with people with dementia to ensure that research reflects their concerns.
- We fund world-class research into the prevention, treatment, care and cure for dementia.
- We help people understand dementia and the progress research is making.
- We aim to make dementia a national research priority.

## WHY WE INVEST IN RESEARCH

Dementia is the third leading cause of death in Australia and investment in research will help minimise its impact in the future. Between 2012 and 2050, it is estimated that more than 3 million Australians will develop dementia, and that there will be almost 900,000 people living with the condition by mid-century.

At the moment, dementia touches almost 1.5 million Australians. That's almost 332,000 Australians living with the condition and a further 1.2 million people who provide support and care for someone with the condition.

Scientists are working hard to delay, prevent and ultimately find a cure for dementia, as well as developing ways to better support those living with dementia. The major barriers to the development of new interventions and treatments in Australia are the lack of research capacity, funding and infrastructure.

## HOW WE DO IT

Currently, more than 82 percent of all funding received by AADRf from donors goes directly to the Dementia Grants Program, with the remainder used to communicate the latest research findings, and manage our grants program.

The 2013 Dementia Grants Program provided competitive research funding worth more than \$2.5 million, including research project grants, travel grants, postgraduate scholarships and postdoctoral fellowships. The recipients of research grant funding are integral to the future of dementia research in Australia.

Most importantly though, the Alzheimer's Australia Dementia Research Foundation and the dozens of researchers we support couldn't do it without you.

All funding for AADRf is donated by members of the public and by private and philanthropic organisations. Some of our many supporters are featured in this report. We hope you enjoy their stories.





# YEAR IN REVIEW

This has been a very exciting year for AADRF and dementia research in Australia. This year AADRF awarded more than \$2.5 million worth of research grants, across 29 different scholarships, fellowships, and research projects.



The next year is shaping up to be even more exciting! The 2014 Dementia Grants Program attracted a record number of applications, with more than 110 applicants vying for 29 grants worth more than \$2.6 million. AADRF would like to make a special note of thanks to our many external reviewers who assisted our scientific panel in their review and selection of the best researchers to receive our awards.

AADRF has been fortunate to receive support from an increasing number of community fundraisers, industry partners, corporate donors, and charitable trusts. As a result, AADRF hired a part-time Donor Relations Manager, Andrea Hogg, to liaise with our many generous donors and support them as required. Since September 2013, Andrea has worked hard to grow relationships with existing and new donors. She has implemented a donor database to manage our records and transactions, and engaged with Alzheimer's Australia staff in other states and territories to develop coordinated national strategies for fundraising.

In February 2014, the Alzheimer's Australia Dementia Research Foundation launched an interactive new website [[www.dementiaresearchfoundation.org.au](http://www.dementiaresearchfoundation.org.au)] to showcase dementia research being conducted in Australia and elsewhere. The website incorporates a variety of interactive content and information including: the *Dementia News* blog, podcasts, videos, researcher profiles, supporter stories, research events, a research participation portal, information for grant applicants, and an AADRF promotional video among other features. It currently receives anywhere from 1500 to 2000 visits per week. The website is managed by Alzheimer's Australia's Research Communications and Engagement Coordinator, Dr Ian McDonald.

I would like to thank our previous AADRF Manager, Dr Mary Gray, who was proactive in getting a lot of the above mentioned engagement strategies into action. I would also like to thank the Alzheimer's Australia National General Manager, Research, Dr Chris Hatherly for all his support of AADRF over the past year.

Dr Alison Kevan

**Manager, Alzheimer's Australia  
Dementia Research Foundation**



# CHAIR'S REPORT



**The 2014 Federal Budget was a landmark for dementia research in Australia, with the Coalition Government committing \$200 million to support Australian dementia research over the next five years.**

**This new funding will approximately double public investment in dementia research, and will allow Australian scientists to make significant progress in their efforts to better understand dementia, and to develop new and better ways of detecting, preventing, treating and caring for those with the condition.**

It is particularly gratifying that the Government's commitment came just a year after the release of the McKeon Review of Health and Medical Research, which was chaired by former Australian of the Year, Simon McKeon. Among our key recommendations were top-down strategic investments in high-priority research areas and further support for the medical research workforce. Both of these priorities will be delivered with respect to dementia through the new funding.

Capacity building has been the primary goal of the Alzheimer's Australia Dementia Research Foundation for most of the 29 years I have been Chair. I am proud to know that many of my colleagues who are now leading their own research labs and teams are among those who were supported by the Foundation with PhD scholarships or small research grants in previous years.

I am also proud that through the generosity of the many donors and fundraisers who have supported the Foundation this year, we have been able to increase the value of our early career grants program to its highest ever level, with 29 grants, scholarships and fellowships valued at more than \$2.5 million.

For many years, AADRf was alone in Australia as a dedicated funder of early career dementia researchers. However the Government has now come to the table with a very welcome \$200 million over five years including \$46 million directed to research capacity building.

As the research landscape has fundamentally changed, it is timely for the Foundation to revisit its priorities and objectives. I look forward to doing so with my fellow Directors in the coming months.

Whatever the outcome of those discussions, I can say with confidence that the Alzheimer's Australia Dementia Research Foundation will continue to play a vital role in supporting high-priority dementia research in Australia, and that we will work with our Scientific Panel and our extensive network of expert reviewers to ensure that we make best use of the funds that are so generously given by our donors.

I thank the members of our Board for their commitment and time, the staff of Alzheimer's Australia for their support and professionalism and CEO, Glenn Rees for his vision and guidance.

A handwritten signature in black ink, appearing to read 'H. Brodaty'.

Scientia Professor Henry Brodaty, AO  
**Chair, AADRf Board of Directors**

# COMPANY SECRETARY'S REPORT



**I have been privileged to have the opportunity as National CEO of Alzheimer's Australia to lead an organisation that has made significant inroads in the fight against dementia since 2000.**

**The commitment by the Federal Government of \$200 million over five years to build Australia's dementia research capacity, support high-priority research and translate evidence into practice was the outcome of two years of advocacy led by the then President of Alzheimer's Australia Ita Buttrose AO, OBE.**

In the context of the estimated \$5 billion Australia spends each year on dementia in the health and aged care sectors, an additional \$40 million per annum for research is more than justified.

It is important that we ensure the investment is used in a way that will not only give the best chance of progress in the understanding and treatment of dementia, but also ensure benefits across the dementia research sector and co-investment from industry and philanthropic bodies. Alzheimer's Australia is committed to working constructively with the National Health and Medical Research Council and the Australian Research Council in the planning and implementation of the Boosting Dementia Research Initiative over the next several years.

It is also important that we ensure the research effort initiated through this commitment can be sustained beyond five years. This is why Alzheimer's Australia has lent its support to the concept of the Medical Research Future Fund – however it is funded – that will allow a sustainable additional research investment of \$1 billion each year within a decade into diseases such as dementia.

The Alzheimer's Australia Dementia Research Foundation has made an important contribution to building the dementia research capacity Australia needs for the future. It has supported many of our best and brightest dementia researchers at the beginning of their careers, raised public awareness of

dementia research through an innovative science communication program, promoted and facilitated consumer involvement in research, and strengthened Alzheimer's Australia's position on the vital issue of research funding.

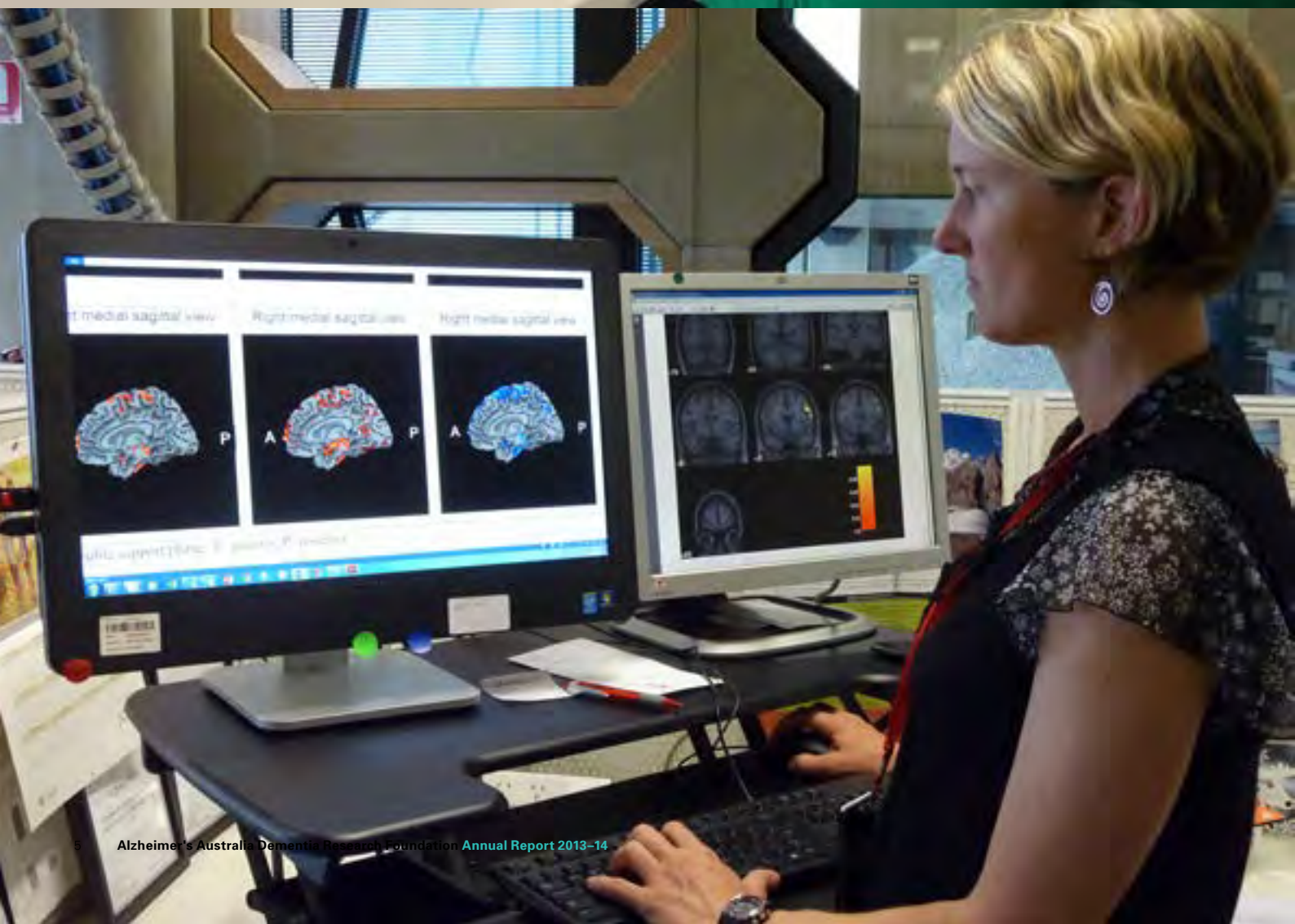
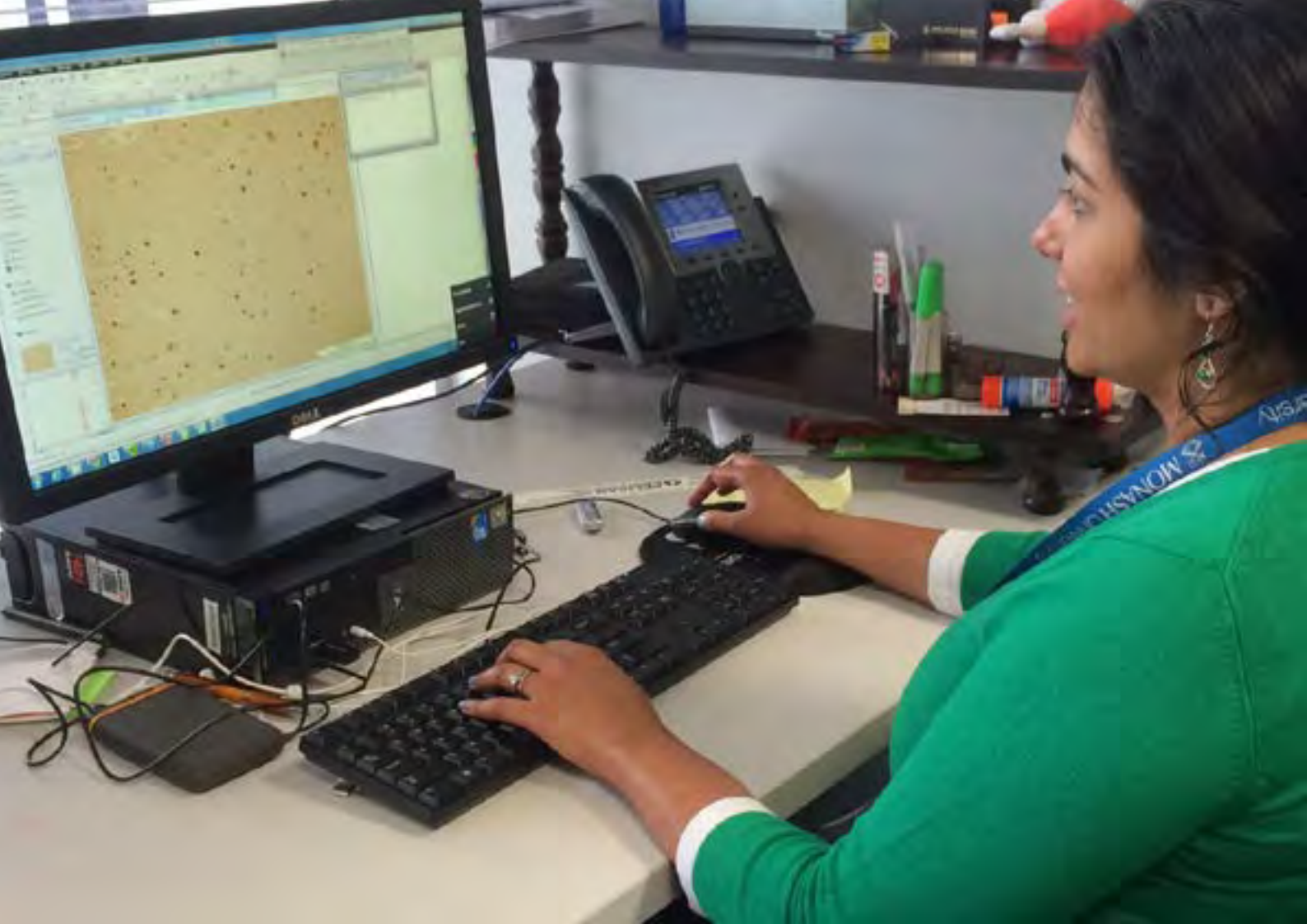
In December 2014 I will step down as CEO of Alzheimer's Australia. I feel immensely proud of the advocacy of the organisation in respect of research. We owe a considerable vote of thanks to Professor Henry Brodaty for his long-term commitment to the Foundation as Chair of the Board, to our Board members and to the members of the Foundation's Scientific Panel who ensure that only the best researchers and research projects are supported.

Finally a huge debt is owed to Dr Chris Hatherly who has done such a wonderful job in building AADRF and the capacity of the national organisation to successfully advocate for dementia research.

A handwritten signature in black ink that reads "Glenn Rees". The signature is fluid and cursive.

Glenn Rees, AM  
**Company Secretary**



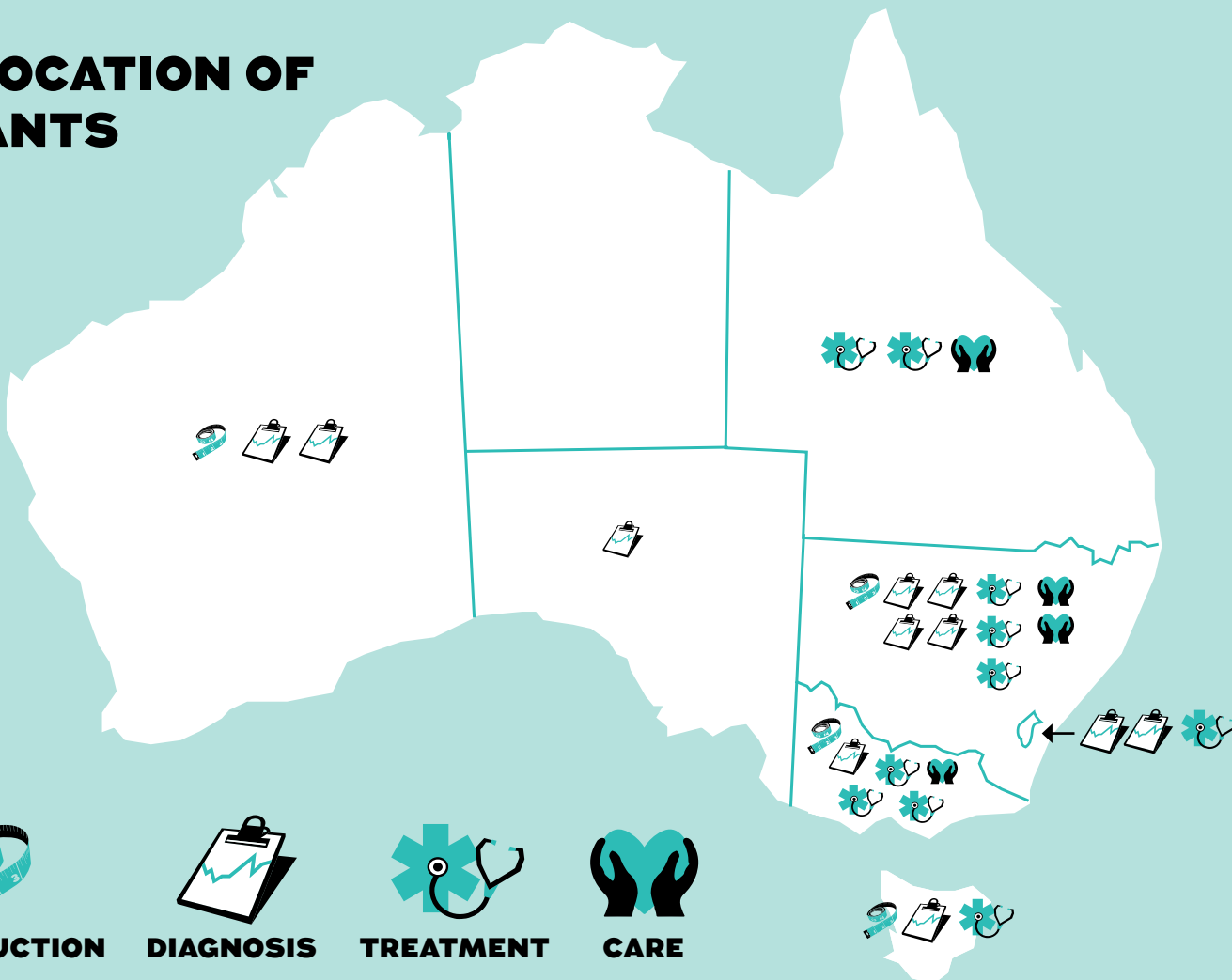


# 2013 GRANTS PROGRAM

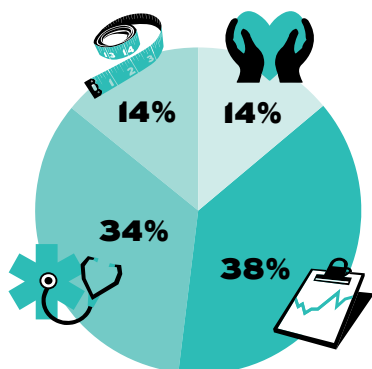
In 2013, 29 of Australia's best and brightest new and early career dementia researchers shared in more than \$2.5 million to conduct ground-breaking dementia research. This was the largest allocation of funds ever given out by the Alzheimer's Australia Dementia Research Foundation and included funding for projects and researchers looking at dementia risk reduction, diagnosis, treatment, cure and care.



## ALLOCATION OF GRANTS



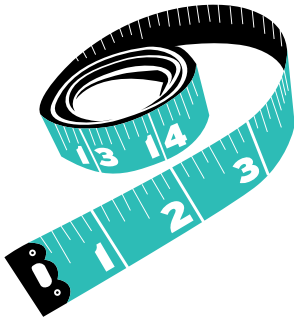
## 2013 GRANT BREAKDOWN



**DEMENTIARESEARCH  
FOUNDATION.ORG.AU/  
OUR-RESEARCHERS**



# REDUCING DEMENTIA RISK



**DR BELINDA BROWN** is a Postdoctoral Research Fellow within the School of Medical Sciences at Edith Cowan University in WA.

**Belinda was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Half Funded Postdoctoral Fellowship.**

Project title: The influence of exercise intensity on the prevention of cognitive decline in older adults.

Project snapshot: The aim of Dr Brown's research is to see to what extent a six month high- and low-intensity exercise intervention can have on the cognitive abilities and biological markers associated with Alzheimer's disease in 176 people who have existing concerns about their memory. This work builds on previous studies that have demonstrated that an exercise regimen can protect against cognitive decline and reduce the risk of Alzheimer's disease, and also evidence from Dr Brown's PhD research that showed the intensity of exercise is a key determinant of the strength of these benefits.



**In February 2014, an updated review of the scientific literature showed that exercise can significantly improve the cognitive function of people with dementia and their ability to perform daily activities. The review evaluated the results of 16 trials, which included a total of 937 participants.**



**DR MICHELE CALLISAYA** is a Postdoctoral Research Fellow in the Vascular Brain Ageing Division of the Stroke and Ageing Research group at Monash University's Southern Clinical School.

**Michelle was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Victoria Project Grant.**

Project title: Exercise intervention for dementia risk reduction in people with Type 2 diabetes.

Project snapshot: Type 2 Diabetes is known to be a significant risk factor for dementia, and it has been suggested that vascular disease may be the common cause of both conditions. Greater physical activity is associated with better brain function and is also recommended for people with Type 2 Diabetes to reduce cardiovascular risk. However, it is currently unknown whether an exercise intervention can preserve or improve brain health in people with Type 2 Diabetes. The aim of Dr Callisaya's project is to examine whether a six-month exercise program can preserve brain health in people aged 50-70 years with Type 2 Diabetes. Dr Callisaya will also evaluate whether this occurs by improving vascular health. If successful, this study will provide a strong basis for targeting people with Type 2 Diabetes (as a high-risk group) with structured exercise interventions to reduce their dementia risk. It will also provide new insights into the vascular basis of both conditions.

**Alzheimer's Australia Dementia Research Foundation – Victoria Awards were established to distribute funds donated to Alzheimer's Australia Victoria for research. While these research grants are available to all Australians, priority is given to projects based in Victoria or with potential benefits especially relevant to Victorians living with dementia.**



**MS MONICA CATIONS** is a PhD Candidate based at the Centre for Healthy Brain Ageing (CHeBA), University of New South Wales.

**Monica was awarded a 2013 Alzheimer's Australia Dementia Research Foundation PhD Scholarship.**

Project title: A community, case-control study examining environmental and lifestyle risk factors for younger onset dementia.

Project snapshot: The aim of this project is to examine lifestyle and environmental risk factors for younger onset dementia (YOD). Ms Cation's study will investigate the long-term effects of serious head injury, alcohol and/or substance misuse, vascular risk factors, exposure to heavy metals and psychological trauma on subsequent dementia risk among younger people. Ultimately, she hopes that this project will enable prevention strategies and possibly treatment plans to be developed to reducing the overall impact of YOD in Australia.

**Approximately 24,700 people in Australia have younger onset dementia (a diagnosis of dementia under the age of 65; including people as young as 30)**



**MS MEGAN LENEHAN** is a PhD candidate within the Wicking Dementia Research and Education Centre, University of Tasmania.

**Megan was awarded a 2013 Alzheimer's Australia Dementia Research Foundation PhD Top Up Scholarship.**

Project title: Can later-life education moderate the trajectory of age-related cognitive decline?

Project snapshot: This research aims to investigate whether formal education undertaken after the age of 50 could have a protective effect on a person's cognitive function as they age. Approximately 400 healthy adults aged between 50 and 79 years will have their memory, mental processing speed and attention skills assessed annually over a period of three years. Most participants will undertake a minimum 12 months part-time study at the University of Tasmania, but some participants will not engage in any further university study. The two groups will then be compared to see whether the additional education results in reduced rate of cognitive decline over time.

**Findings from a recent longitudinal study suggest that brain-stimulating activities, such as crosswords, reading, computer games and crafts, could delay the onset of dementia by at least three years.**

# DEMENTIA DIAGNOSIS



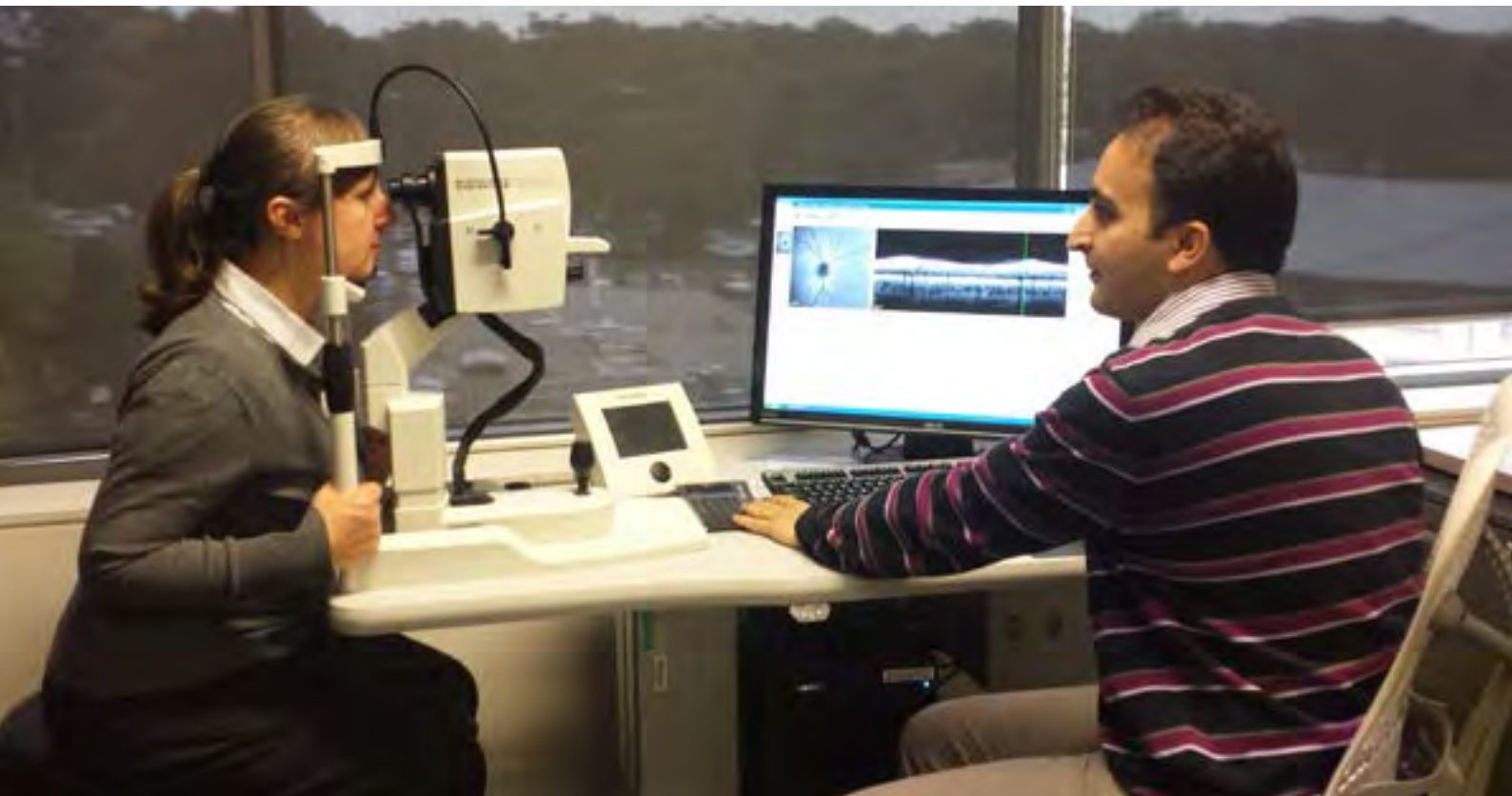
**DR SEYYED MOJTABA GOLZAN** is a Postdoctoral Research Fellow based at the School of Advanced Medicine, Macquarie University in NSW.

**Seyyed was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Postdoctoral Research Fellowship.**

Project title: The eyes have it: Dynamic characteristics of retinal blood vessels predict early onset of Alzheimer's disease.

Project snapshot: Damage to the brain caused by Alzheimer's disease begins up to 20 years before the first symptoms of memory or other cognitive problems emerge, and as with many other chronic diseases, it is this 'pre-symptomatic' phase that

will provide the best opportunities for treating Alzheimer's disease in the future. However, until recently researchers have lacked good methods of detecting the earliest signs of Alzheimer's disease. Dr Golzan's research will build on his recent findings that suggest changes in small blood vessels in the eye may correspond to similar changes to blood vessels in the brain, which are known to play a role in Alzheimer's disease development. Because it is much easier to see the retinal (or eye) blood vessels than blood vessels in the brain, he hopes that his research may lead to a relatively low-cost and non-invasive approach to enable early detection of Alzheimer's disease.



**The human eye vessels share physiological features with the brain and therefore offer a unique window to study brain vessels. This image is of the eye blood vessels taken by Dr Golzan during his pilot trials.**







**DR KIM KIELY** is Postdoctoral Research Fellow at the Centre for Research on Ageing, Health and Wellbeing, Australian National University in Canberra.

**Kim was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Postdoctoral Research Fellowship.**

Project title: The impact of sensory impairment on cognitive decline and dementia: a collaborative cohort study.

Project snapshot: Hearing and vision problems often co-occur with dementia, and communication difficulties arising from sensory decline can exacerbate the impacts of cognitive impairment, compromise effective dementia diagnosis, management and treatment and result in poorer outcomes for the person with dementia and their carers. Importantly, it is possible that problems with hearing and vision may cause, or increase the risk of subsequent dementia through a range of possible mechanisms, but little research has explicitly tested these explanations. Dr Kiely's project collates existing international clinical and longitudinal data to advance our understanding of the association between sensory disability and cognitive impairment.

**A postdoctoral research fellow is someone who conducts further research after completion of their doctoral studies (or PhD). It is intended to further deepen expertise in a specialist subject.**



**DR LESLEY CHENG** is a Postdoctoral Research Fellow based at the Department of Biochemistry and Molecular Biology, University of Melbourne.

**Lesley was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Project Grant.**

Project title: Validation of exosomal MicroRNA biomarkers for the diagnosis of Alzheimer's disease.

Project snapshot: There is currently an international effort focused on developing a blood based test for the detection of early Alzheimer's disease. Dr Cheng's contribution to this effort is based on MicroRNA - or small fragments of non-coding genetic material that usually act as switches for regular genes, and are associated with a range of diseases, including Alzheimer's disease. MicroRNA fragments have been found to travel in small bubbles known as exosomes which can be released into the bloodstream. Dr Cheng's research is seeking to isolate and identify the MicroRNA found in these blood-based exosomes, in the hope that it will be possible to identify a MicroRNA profile that can accurately and reliably identify people with the earliest stages of Alzheimer's disease. If successful, this research could open up new opportunities for screening Alzheimer's disease for both research and early intervention approaches in the future.



**DR RYUSUKE TAKECHI** is a Research Fellow at the School of Public Health, Department of Nutrition, Dietetics and Food Technology, Curtin University, WA.

**Ryusuke was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Hiley-Allars Project Grant.**

Project title: The mechanisms of insulin resistance-induced cognitive decline and cerebrovascular disturbances.

Project snapshot: Studies report that the risk of cognitive impairment significantly increases with diabetic insulin resistance, however it is not yet known how this effect occurs. Blood vessels in the brain have a unique structure called the blood-brain barrier to prevent toxic substances in the blood from entering brain cells. Emerging evidence suggests that when this barrier is compromised (as happens with neurodegenerative diseases), toxic substances might leak into brain cells and cause substantial inflammation, which in turn can stress brain cells and affect the onset and progression of Alzheimer's disease and vascular dementia. Dr Takechi's project will use a dietary induced animal model of diabetes to determine the effects of insulin resistance on the blood-brain barrier functions and cognition, and will try to reveal the underlying mechanisms that may cause the relationship.

**In 2011, the Hiley-Allars family set up a fund in memory of their mother to support Australian research into the causes, treatment and prevention of dementia.**

# DEMENTIA DIAGNOSIS CONTINUED



**MS RACHEL ATKINSON** is a PhD candidate at the Wicking Dementia Research and Education Centre, University of Tasmania.

**Rachel was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Viertel Foundation PhD Scholarship.**

Project title: The role of frontotemporal dementia proteins in nerve cell process function and dysfunction.

Project snapshot: Ms Atkinson's project is looking at a number of proteins that are implicated in frontotemporal degeneration,

the second most common form of younger onset dementia. She will seek to determine whether these proteins play a role in maintaining nerve cell processes in the brain, and whether it is these maintenance roles that become dysfunctional in frontotemporal lobe degeneration. She will use genetic techniques in animals and in test tubes to examine how these proteins are involved in the function of nerve cell processes, and use human tissue to confirm her results. Deciphering the mechanisms by which these proteins cause nerve cells to dysfunction is vital for the development of new approaches to treatment.

**The Viertel Foundation was established by the late Charles Viertel in his Will to support charitable organisations and institutions involved in medical research, and to alleviate hardship among the aged and the sick. Since 2007, the Viertel Foundation has supported a number of Viertel Foundation postdoctoral fellowships and PhD scholarships.**



**MS RUBY TSANG** is a PhD candidate based in the School of Psychiatry and the Centre for Healthy Brain Ageing (CHeBA), University of New South Wales.

**Ruby was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Viertel Foundation PhD Scholarship.**

Project title: Biomarkers of late-life depression and associated cognitive impairment

Project snapshot: Depression is common among older adults, and people with late-life depression often have both cognitive impairment and an increased risk of developing dementia. The causes of depression are complex, involving interactions between biological, psychological and social factors. At present, the underlying mechanisms of late-life depression are not fully understood and no reliable objective test is available for early and accurate diagnosis. Ms Tsang's project aims to identify a range of biological markers that characterise late-life depression and associated cognitive impairment by analysing existing genetics and neuroimaging data from longitudinal ageing studies. She will also investigate whether profiles of these biological markers differ between those who have and have not experienced early traumatic life events. It is expected that the findings will help improve our current approaches to diagnosing late-life depression, which may lead to earlier diagnosis and treatment of the disorder, and may prevent the development of cognitive impairment or decline in some cases.



**MS STEPHANIE WONG** is a PhD candidate based at the ARC Centre of Excellence in Cognition and its Disorders, Macquarie University in NSW.

**Stephanie was awarded a 2013 Alzheimer's Australia Dementia Research Foundation PhD Top Up Scholarship.**

Project title: Prefrontal contributions to learning and memory in behavioural variant frontotemporal dementia.

Project snapshot: Frontotemporal dementia is the second leading cause of younger onset dementia, after Alzheimer's disease.

While people with frontotemporal dementia and Alzheimer's disease all perform poorly on tests of memory, these impairments are likely due to the degeneration of different brain regions.

Identifying these differences is critical for accurate diagnosis of these neurodegenerative conditions, and Ms Wong aims to develop novel memory tasks, which improve the specificity of current tests and can serve as screening tools to distinguish between memory impairments in frontotemporal dementia and Alzheimer's disease.

Improvements in diagnostic accuracy will facilitate the implementation of appropriate treatment strategies and patient care.



**MS LEONE CHARE** is a PhD candidate based at Neuroscience Research Australia (Neura) in NSW.

**Leone was awarded a 2013 Alzheimer's Australia Dementia Research Foundation PhD Top-Up Scholarship.**

Project title: Clinical and pathological associations in frontotemporal dementia

Project snapshot: People with frontotemporal dementia often have different symptoms, characterised by behavioural, language or motor problems, however the neuropathology (damage to the brain) does not always match these different clinical presentations. This means that predicting the underlying pathology of frontotemporal dementia based on symptoms is largely a matter of guesswork. With the advent of drugs that are aimed at different molecular pathologies, methods to predict these pathologies has become more urgent. Ms Chare's study aims to determine the associations between the clinical and pathological features that could assist in correct diagnosis and eventually the appropriate medical management of frontotemporal dementia.



# DEMENTIA DIAGNOSIS CONTINUED

**DR MOYRA MORTBY** is a Postdoctoral Research Fellow at the Centre for Research on Ageing, Health and Wellbeing, at the Australian National University in Canberra.

**Moyra was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Half Funded Postdoctoral Research Fellowship.**

Project title: Apathy in Mild Cognitive Impairment and clinically normal elderly: a biomarker of and risk factor for brain structure, cognitive trajectories and apathetic symptom progression?

Project snapshot: Apathy is commonly seen in people with Mild Cognitive Impairment (MCI) and Alzheimer's disease. It is associated with increased functional and cognitive disability, reduced quality of life, increased progression from MCI to Alzheimer's disease, earlier institutionalisation and increased

impact on the caregiver. While the brain structures associated with apathy in Alzheimer's disease are well understood, little is known about these structures in people with MCI, or those who do not meet the clinical criteria for dementia. Dr Mortby's project will investigate whether apathy in people who do not meet the clinical criteria for dementia is associated with changes to brain structures and whether these changes can help us to better understand how apathy contributes to the risk of developing dementia; treatment of apathy can be improved; and how the personal, emotional, social and financial burden of apathy can be reduced. A better understanding of apathy may also provide useful biomarkers for earlier and more accurate Alzheimer's disease diagnosis, improved understanding of apathetic symptom progression, and apathy-related increased dementia risk.



**Apathy is defined as a lack of feeling, emotion, interest, or concern. Apathy can affect as many as 50-70 percent of individuals with Alzheimer's disease.**



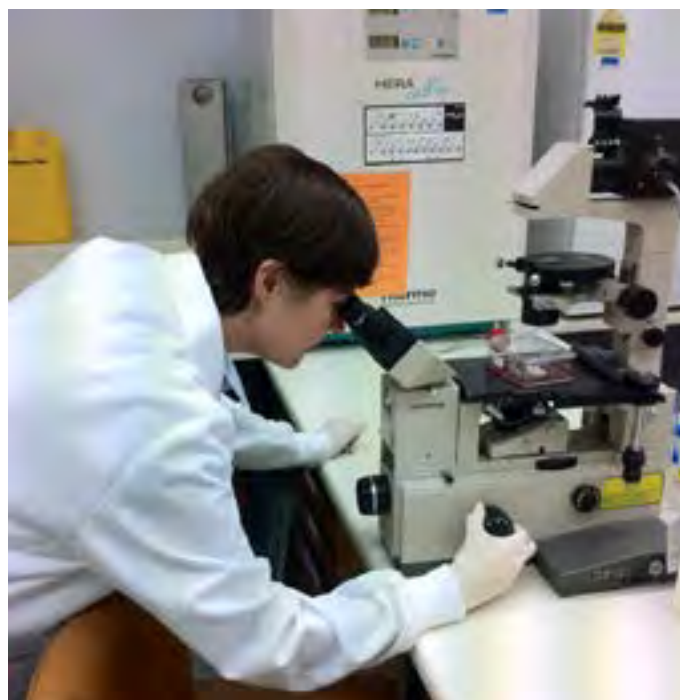
**DR MITCHELL GOLDSWORTHY** is a Postdoctoral Research Fellow at the University of Adelaide's Robinson Institute.

**Mitchell was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Postdoctoral Research Fellowship.**

Project title: Identifying neurophysiological markers of early cognitive decline in Alzheimer's disease.

Project snapshot: There is increasing evidence in animal models of Alzheimer's disease that subtle changes in synaptic function occur at an early stage of disease progression, affecting the connections between neurons and influencing their capacity to adapt to behavioural and environmental changes. This capacity for neuronal adaptation (a process broadly defined as neuroplasticity) is an important factor mediating learning and memory, and its disruption may be an early sign of Alzheimer's disease pathology. Recent advances in the combined use of non-invasive brain stimulation techniques and electroencephalography (a non-invasive method for assessing the electrical activity of the brain) have enabled researchers to assess neuronal connectivity and neuroplasticity within brain regions affected early during the development of Alzheimer's disease. Dr Goldsworthy's research will investigate whether this highly novel and relatively inexpensive approach might be useful for detecting markers of early brain dysfunction and cognitive decline in Alzheimer's disease patients.

**Neuroplasticity, also known as brain plasticity, is a term that refers to changes in neural pathways and synapses which change due to behaviour, environment and neural processes, as well as changes resulting from bodily injury.**



**DR SARAH REA** is a Research Associate at the Centre for Medical Research, University of Western Australia.

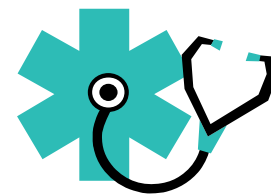
**Sarah was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Postdoctoral Research Fellowship.**

Project title: Defining the role of p62 in dementia.

Project snapshot: Frontotemporal dementia can display similar neurological traits as a form of motor neurone disease, commonly referred to as ALS. However, it has only recently been suggested that this may be the result of an alteration to a gene that encodes a protein known as p62. While much is known about the function of p62, little is known about the many different cellular processes that this protein regulates and how the alterations to the gene that encode p62 are linked to dementia. Dr Rea's research will define the role of p62 and the results of her research will provide important insights into the molecular basis of dementia and may identify p62 or specific interaction partners as potential therapeutic targets.

**Frontotemporal dementia is the name given to a group of dementias when there is degeneration in one or both of the frontal or temporal lobes of the brain. Changes in behaviour and language are common symptoms. Research is continuing to attempt to discover more about the various forms of frontotemporal dementia.**

# DEVELOPING TREATMENTS FOR DEMENTIA



**DR REBECCA NISBET** is a Postdoctoral Research Fellow at the Queensland Brain Institute, University of Queensland.

**Rebecca was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Postdoctoral Fellowship.**

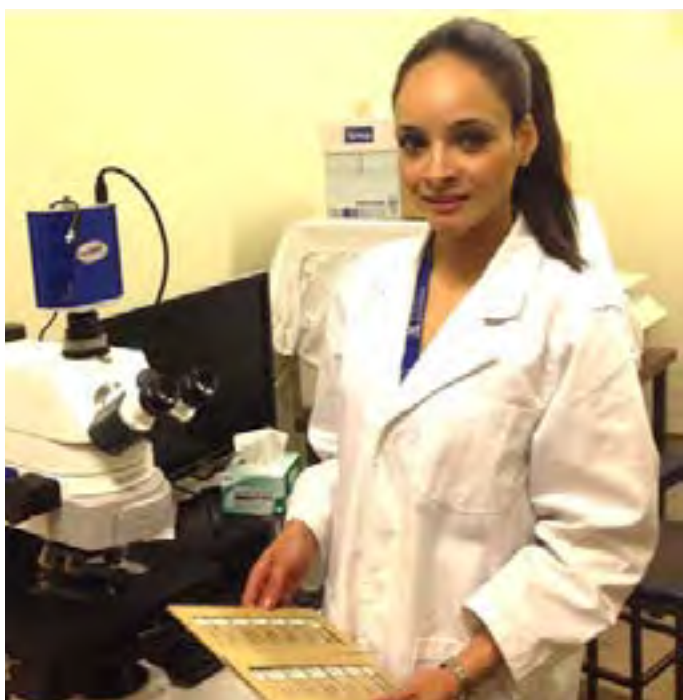
Project title: Targeting pathogenic tau with phosphorylated-tau specific intrabodies.

Project snapshot: One of the main hallmarks of Alzheimer's disease is the formation of large tau protein tangles within brain cells. Tau has an important transport function in healthy brain cells. However, in Alzheimer's disease, a process called phosphorylation causes the tau proteins to become tangled

which results in neuronal degeneration. The biggest challenge in developing a treatment to prevent tau phosphorylation is to generate molecules which are capable of entering the brain cells where tau is predominately localised. Dr Nisbet's research seeks to address this challenge using small, intracellular antibody fragments called intrabodies which are highly specific for phosphorylated tau within the neuron. These intrabodies will be engineered to prevent the aggregation of tau and to promote its removal from brain cells, and will be tested in the first instance in mice that have been genetically engineered to develop tau pathology similar to that observed in human Alzheimer's disease.

**All of the experimental drugs being developed to treat Alzheimer's disease are targeting either the amyloid or tau proteins. Some approaches focus on trying to prevent the accumulation of amyloid plaques and tau tangles; others such as Rebecca's seek to break up and remove these plaques and tangles from the brain.**





**DR DIANE MOUJALED** is a Postdoctoral Research Fellow at the Department of Pathology, University of Melbourne.

**Diane was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Half Funded Postdoctoral Fellowship.**

Project title: The role of an RNA binding protein in frontotemporal dementia.

Project snapshot: Recent studies have identified a brain protein called 'transactivation response DNA-binding protein-43', or TDP-43, as having a key role in frontotemporal dementia. However, it is not yet clear how changes in TDP-43 lead to the loss of brain cell function and structure that is seen in frontotemporal dementia. Preliminary work from Dr Moujaled's lab has shown that another important protein called hnRNP K may regulate the accumulation of mutated TDP-43 in brain cells. In the present study, Dr Moujaled aims to understand the molecular mechanism controlling TDP-43 accumulation in cells, to determine how mutations in TDP-43 may influence the action of hnRNP K, and to see how these contribute to the death of brain cells in people with frontotemporal dementia. If successful, the research may lead to new approaches to developing treatments for frontotemporal dementia and related neurodegenerative diseases.



**DR CATHERINE BLIZZARD** is a Postdoctoral Research Fellow at the Menzies Research Institute, University of Tasmania.

**Catherine was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Viertel Foundation Half Funded Postdoctoral Fellowship.**

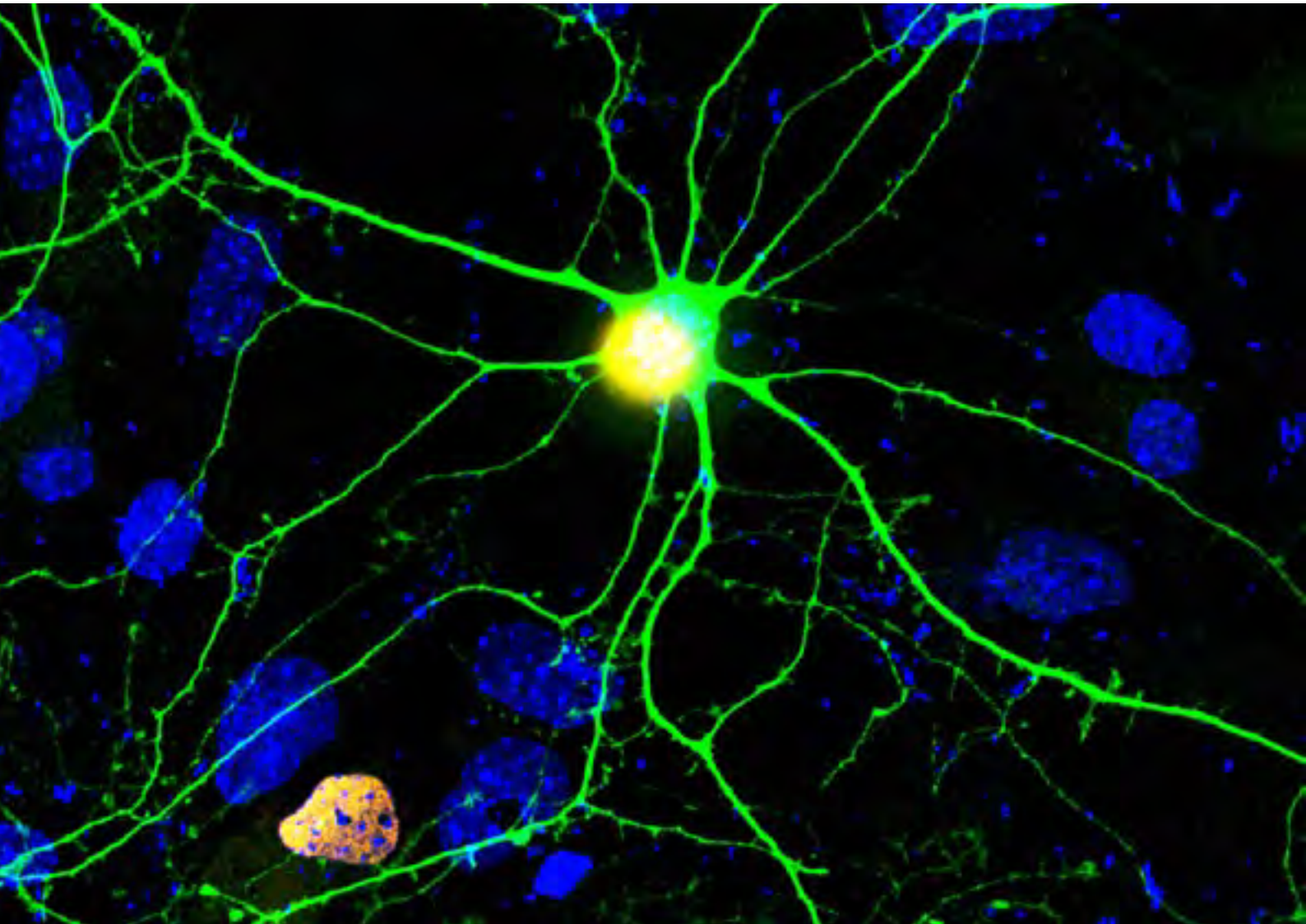
Project title: Spine and synapse plasticity and pathology in TDP-43 aggregated frontotemporal dementia: a novel therapeutic target?

Project snapshot: Changes to synapses - the specialised connections between brain cells that allow communication within the brain - may be an early stage of the disease process that leads to frontotemporal dementia. Changes to the functioning of a protein called TDP-43 has been identified as a key factor in the development of frontotemporal dementia. Dr Blizzard's research aims to determine how TDP-43 changes lead to synaptic alterations using three different techniques: an *in vitro* approach involving cultures of brain tissue grown in test tubes; mouse studies involving sophisticated brain scanning techniques; and analysis of brain tissue donated to research by people who have died of frontotemporal dementia.

**Dr Catherine Blizzard was a Tasmanian state finalist for the 2013 Young Australian of the Year Awards, recognising her work in the field of neuroscience.**

# DEVELOPING TREATMENTS FOR DEMENTIA

## CONTINUED



The adult brain has approximately 100 billion nerve cells (or neurons), each of which is connected to around 7,000 other neurons. This gives the brain approximately 500 trillion synapses – the connections between neurons where the basic processes of thinking and memory take place. The number of synapses decrease with age as the brain gets more efficient at learned tasks – it is estimated that a 3 year old has up to 1 quadrillion synapses.

This is a fluorescent microscope image of a mouse neuron in cell culture, the image was taken by Dr Catherine Blizzard.



**DR JULIA GILMARTIN** is a Postdoctoral Research Fellow at the Centre for Medicine Use and Safety, Monash University, Melbourne.

**Julia was awarded the 2013 Alzheimer's Australia Dementia Research Foundation, Rosemary Foundation Travel Award.**

Project title: Analgesic use and behavioural symptoms in people with Alzheimer's disease and their carers.

Project snapshot: One of the major objectives for treating people with Alzheimer's disease at present is to help reduce symptoms and maintain quality of life. It is well known that many people with Alzheimer's disease and other forms of dementia experience moderate to severe chronic pain, and that analgesic (pain relieving) medication is effective at relieving and controlling this pain and improving quality of life. However, studies have highlighted lower use of analgesics among people with Alzheimer's disease, despite untreated pain being associated with increased use of health care, and symptoms of agitation and aggression. There has also been limited research on the medicine use of carers of people with dementia, despite reports of depressive symptoms, anticipatory grief, and poor quality of life. Dr Gilmartin aims to investigate how analgesic use is associated with behavioural symptoms of Alzheimer's disease and quality of life in both the individual with Alzheimer's disease and their carer. Data collected as part of the Finnish ALSOVA study will be analysed, and it is anticipated that the findings of the study will inform Australian health professionals and patients to choose analgesic treatment options with the highest chance of positive outcomes, and therefore improve the pain management of Australians with Alzheimer's disease and their carers.

**Each year, the Rosemary Foundation funds a travel award for a researcher to meet and work with leading experts in other countries. As part of this grant, Julia spent time at the University of Eastern Finland to undertake a research project and has learnt new skills to bring back to Australia.**



**DR ALEX BAHAR-FUCHS** is a Postdoctoral Research Fellow at the Centre for Research on Ageing, Health, and Wellbeing in The Australian National University in Canberra.

**Alex was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Victoria Project Grant.**

Project title: Cognitive intervention for people at risk of dementia with and without mood disorder.

Project snapshot: While there is no cure for dementia as yet or a proven way to stop its progression, there is increasing evidence that non-drug interventions that focus on memory and other thinking skills may help to delay the onset or progression of dementia for people who have high levels of dementia risk factors. There is however, much variability in individual responses to these interventions, and we still don't have a clear understanding of why some people benefit more than others. One important factor that is likely to play a role is that many people at risk of dementia also experience significant symptoms of anxiety, depression, or apathy, and it is possible that these symptoms interfere with the usefulness of memory training. Dr Bahar-Fuchs' current project will compare the effectiveness of cognitive intervention between people at risk for dementia with and without mood-related symptoms. The investigation will provide critical information that will enable the development of intervention approaches that take mood problems into consideration.



# DEVELOPING TREATMENTS FOR DEMENTIA

## CONTINUED

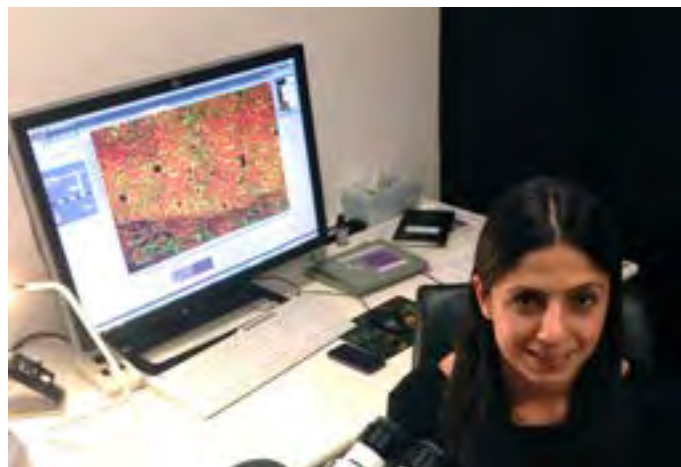


**MS CLAIRE O'CONNOR** is a PhD candidate and Research Occupational Therapist at the Ageing, Work and Health Research Unit, at the Faculty of Health Sciences, University of Sydney.

**Claire was awarded a 2013 Alzheimer's Australia Dementia Research Foundation PhD Scholarship.**

Project title: Understanding behaviour and function in frontotemporal dementia: developing better assessments and intervention approaches.

Project snapshot: Frontotemporal dementia is a degenerative disease that causes changes to personality, behaviour, and language. Frontotemporal dementia is often seen in people with younger onset dementia (onset of symptoms before 65), and in these cases, it can also have a severe negative impact on a person's everyday function, leading to difficulties with complex tasks such as shopping and paying bills. It can then progress to difficulties with basic care tasks such as dressing and showering. Ms O'Connor's project will investigate whether these changes in behaviour and everyday function are related, and will develop a new tool to assess functioning of people in the severe stages of frontotemporal dementia. She will also investigate the benefit of an activity-based intervention for people with frontotemporal dementia living in the community with their carers.



**MS MOUNA HAIDAR** is a PhD candidate at the Florey Institute for Neuroscience and Mental Health, University of Melbourne.

**Mouna was awarded a 2013 Alzheimer's Australia Dementia Research Foundation PhD Scholarship.**

Project title: Neuromodulatory control of memory circuits in dementia and Alzheimer's disease.

Project snapshot: Alzheimer's disease primarily affects the memory-related areas of the brain, and ongoing research into where and how this damage occurs can provide insights into the nature of the disease and its improved treatment. Ms Haidar's research aims to determine the effects of Alzheimer's disease on an area of the brain called the 'nucleus incertus' (NI). This area is located in the brainstem (at the base of the neck), and produces a chemical called relaxin-3, which is thought to play a role in the regulation of memory and other cognitive functions that are affected in dementia. Mouna's research is investigating if the NI/relaxin-3 system is damaged at different stages of disease progression in a mouse model of dementia, and she hopes to determine whether alterations in NI/relaxin-3 networks might contribute to memory loss, and ultimately, if relaxin-3 related drugs might be therapeutic.

**The hippocampus is the brain's memory centre and plays a major role in both short term and long term memory retention. It is usually the first area of the brain to be affected in Alzheimer's disease.**



**MS MARION TURNBULL** is a PhD candidate at the Queensland Brain Institute, University of Queensland.

**Marion was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Top Up PhD Scholarship.**

Project title: Neurotrophin regulation of Alzheimer's disease pathology.

Project snapshot: Research over the last 50 years has indicated that overproduction of the protein called amyloid beta and irregular accumulations of tau proteins in brain cells are responsible for the development and progression of Alzheimer's disease. However the factors that initiate the production and accumulation of these toxic proteins are poorly understood. Ms Turnbull's research aims to see if a decrease in the availability of a class of chemicals in the brain called neurotrophins, which are observed in people with Alzheimer's disease, are associated with the early stages of the development of amyloid beta and tau protein build-up. She aims to understand the molecular mechanisms linking neurotrophin reduction to the dysregulation of amyloid-beta production and tau accumulation. She will also investigate whether a compound called c29 peptide may be able to reduce the production of amyloid beta and reduce tau accumulation in the event of decreased neurotrophin activity in a mouse model of Alzheimer's disease.



**MS NUPUR KAIN** is a PhD candidate based at the Prince of Wales Clinical School, University of New South Wales.

**Nupur was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Top Up PhD Scholarship.**

Project title: Regiospecific loss of essential sphingolipids in the early stages of Alzheimer's disease.

Project snapshot: Ms Kain's research will investigate the biochemical changes in the brain that precede cognitive symptoms in people with Alzheimer's disease. This research is based on her earlier study that showed a sharp decline in levels of a neurochemical called sphingosine 1-phosphate (S1P) in the hippocampus (the memory region) and temporal gyrus in the brain's of people with Alzheimer's disease. She will also look at the influence of a common genetic variation called APO-E4 on changes in these levels and the association with amyloid beta accumulation in brain tissue samples of people without Alzheimer's disease. Future work will include determining the effect of S1P levels on cognitive function in mice with and without Alzheimer's disease.



**MS VANA WEBSTER** is a PhD at the ARC Centre of Excellence in Cognition and its Disorders (CCD), at Macquarie University in Sydney.

**Vana was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Top Up PhD Scholarship.**

Project title: Scaffolding memory: remembering together and alone.

Project snapshot: Throughout our day-to-day life we often share our memories with others. We know such sharing is important for wellbeing, however it is unclear how this frequent social interaction may help keep our memory healthy, especially as we age. As part of a broader research program that aims to explore when and how remembering with others can protect and support memory, Ms Webster's project will explore the conditions in which we remember better together. In particular, she is interested in how closeness to others in a group may affect how well we remember together. To examine these possibilities she will explore closeness across different age groups, with different relationships, and across memory tasks of varied difficulty. By better understanding the predictors of successful memory sharing, this research will inform the development of ecologically valid interventions aiming to support memory as we age.

# DEMENTIA CARE



**DR ZOE TERPENING** is a Clinical Neuropsychologist based at Brain and Mind Research Institute, University of Sydney and Sydney Adventist Hospital.

**Zoe was awarded the 2013 Hazel Hawke Grant in Dementia Care.**

Project title: Treatment of obstructive sleep apnoea for cognitive decline in Mild Cognitive Impairment.

Project snapshot: Obstructive sleep apnoea is a sleep disorder resulting in a lack of oxygen to the brain and frequent disruption of sleep throughout the night. In healthy adults, untreated obstructive sleep apnoea is linked to decline in a wide range of memory and thinking domains including attention, mental processing speed, memory and higher-level thinking. Importantly, however, treatment of obstructive sleep apnoea using a continuous airway pressure device results in improved cognition in people with the condition. The prevalence of sleep-disordered breathing is greater in older people (mostly at mild levels) and has been estimated to be as high as 70-80 percent.

Dr Terpening's previous research has shown that obstructive sleep apnoea is related to cognitive decline in Mild Cognitive Impairment (MCI), so this study aims to evaluate whether continuous airway pressure can improve cognition and daily functioning in MCI, possibly slowing cognitive decline in this 'at risk' group.



**In 2003 Hazel Hawke AO and Alzheimer's Australia established the Hazel Hawke Alzheimer's Research and Care Fund to support dementia care research across Australia. The Hazel Hawke Alzheimer's Research and Care Fund has supported 14 research projects, with a 15th on offer in 2014. Donations made to this fund help the Alzheimer's Australia Dementia Research Foundation to improve the quality of dementia care and develop new opportunities for emerging researchers to develop their careers in the dementia research field – for more information visit [dementiaresearchfoundation.org.au/hazel-hawke-fund](http://dementiaresearchfoundation.org.au/hazel-hawke-fund)**





**DR CINDY JONES** is a Research Fellow at the School of Nursing and Midwifery, Griffith University, Queensland.

**Cindy was awarded a 2013 O-I Asia Pacific Alzheimer's Australia Dementia Research Foundation Project Grant.**

Project title: Online resources - sexuality and dementia.

Project snapshot: Expression of sexuality by older people, particularly those with dementia, can be challenging and confronting for residential aged care staff. Not only is education on this topic often a low priority area for aged care organisations, there appears to be limited training programs available. Dr Jones' study will seek to evaluate the ease of use, quality and effectiveness of an online education intervention to increase knowledge and improve attitudes of residential aged care staff towards the expression of sexuality by older people, including those with dementia.

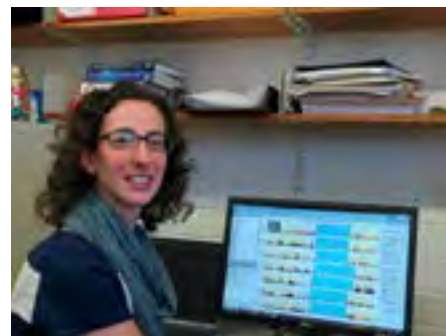


**DR MICHELLE KELLY** is a Clinical Psychologist at the Specialist Mental Health Service for Older People, NSW Health.

**Michelle was awarded a 2013 Alzheimer's Australia Dementia Research Foundation Victoria Project Grant.**

Project title: Development of a social cognition assessment battery for older adults.

Project snapshot: People with dementia often have difficulty with social interaction which can at times lead to misunderstandings, confusion and aggression. This can negatively affect relationships with caregivers, friends and family, and can reduce quality of life for all concerned. Impaired social interaction can be due to problems with interpreting social cues such as facial expressions, or problems with understanding another person's feelings or intentions. Currently, clinicians working with people with dementia do not routinely assess social skills, possibly due to the limited availability of tests that can be used for this purpose. Dr Kelly's project aims to develop a bedside screening test for social skills that is suitable for people with dementia. The test will be given to a group of people with dementia and a group of people without dementia. Differences in performance will allow us to determine whether the test is sensitive to the social difficulties we see in people with dementia.



**MS MARINA CAVUOTO** is a PhD candidate based at School of Psychological Science, LaTrobe University, Victoria.

**Marina was awarded a 2013 Alzheimer's Australia Dementia Research Foundation PhD Scholarship.**

Project title: Sleep disturbance and cognition in amnesic Mild Cognitive Impairment and healthy older adults.

Project snapshot: Sleep disturbance is a common symptom of Alzheimer's disease and is associated with dementia severity, reduced quality of life, and the decision to place people into aged-care. However, little research has been conducted on the sleep of people who may have the earliest changes associated with the Alzheimer's process, namely self-reported memory changes, or Mild Cognitive Impairment. Given the strong relationship between sleep and memory, gaining insight into the nature of sleep disturbance in people with memory difficulties and memory complaints provides the opportunity to understand the mechanisms of sleep disturbance in Alzheimer's disease. It may also have important implications for the early detection, treatment and management of the disease. Ms Cavuoto's project aims to determine whether measures of sleep quality are associated with memory performance.

# FUNDRAISER AND SUPPORTER STORIES



The Alzheimer's Australia Dementia Research Foundation wishes to thank all of its supporters this year who have contributed to valuable awareness and fundraising activities. Every single dollar makes a difference to dementia research. Your partnership in our work is vital and we are extremely grateful for your assistance. Highlights of some of our fundraisers are presented here.



Amelia and Ryan performing their original song 'Home' - full film clip at <http://youtu.be/zmV6NiQRTuw>

## YOUNG MUSICIANS DONATE THE GIFT OF MUSIC TO SUPPORT DEMENTIA RESEARCH

Early in 2014, a group of young Australian musicians recorded the album "Remember the Music – #Duets4Dementia" to raise funds for the Hazel Hawke Alzheimer's Research and Care Fund.

The project was the brainchild of Ryan Enright and Amelia Gilchrist who wanted to do something creative to showcase their collective musical talent while raising vital funds for dementia care research.

For Amelia, the project held personal significance as her mother was diagnosed five years ago with younger onset dementia, at the age of 55.

Ryan and Amelia decided to make the album available for download to all those who made a donation to the project via their Go Fundraise page.

The couple selected the Hazel Hawke Alzheimer's Research and Care Fund as 100 percent of donations go directly to improving the quality of dementia care in Australia, and because they wanted to honour Hazel Hawke's love of music.

The album was released online to coincide with the first anniversary of the passing of Hazel Hawke on 23 May 2014 with a fundraising target of \$10,000.

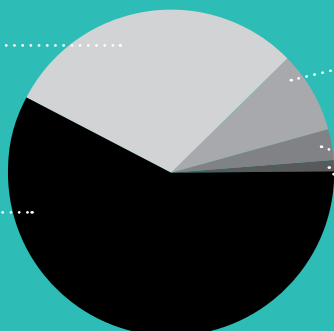
We thank Ryan, Amelia and their musical partners for the production of this wonderful album and wish them continued success in the future with their music careers.

### GRANTS 30%

Donations from organisations and individuals which go towards specific named grants

### DONATIONS 58%

Donations from organisations and individuals which go towards the grants program



### FUNDRAISING 8%

Community fundraisers who raise money for our grants program

### WORK PLACE GIVING 3%

Individuals who donate through their workplace giving program

### BEQUESTS 1%

Individuals who leave a bequest in their will

Many hundreds of generous donations have generated ~\$1.6 million during the 2013/14 financial year.



## THE BENNETT FAMILY WALK FROM BRISBANE TO MELBOURNE FOR ALZHEIMER'S

In November 2013, AJ and Skye Bennett set off on their ambitious challenge to walk from Brisbane to Melbourne pushing their two young sons, Xavier and Andre, in prams for the majority of their 1,700 km journey.

Their walk took them through multiple Australian towns and cities where they met many locals and inspired them to donate to the Alzheimer's Australia Dementia Research Foundation. Staff of Alzheimer's Australia were fortunate to meet and thank AJ and Skye when they passed through Canberra en route to Melbourne.

The motivation for the couple as they walked so many kilometres over unforgiving terrain was AJ's mother who had dementia. AJ witnessed the progression of her symptoms over several years and realised he wanted to do something special to be able to raise both awareness and funds for dementia research.

The walk culminated at Melbourne's Luna Park (pictured left) where the family were able to take a short but well-earned rest before they boarded the support van driven by Skye's mother and headed back to their home in Brisbane.



## SISTERS SWIM TO SUPPORT DEMENTIA RESEARCH IN QUEENSLAND

On the morning of Sunday the 24th of November, two sisters, Claire Finter and Jayne Moyle set off to ocean swim from Great Keppel Island to Yeppoon's main beach.

With the incredible support of the Yeppoon community, the sisters raised a staggering \$18,200 - almost double their fundraising target!

Claire told us "the crowd was incredible, a few hundred people were down at the beach cheering us in and it was absolutely amazing!" They spent more

than 8 hours in the water, encountering stingers, choppy conditions and forceful currents.

The sisters were overwhelmed by the support of the community. While this swim has been attempted by others, it has not yet been achieved. Claire and Jayne have written their chapter into the local history book by completing this heroic swim.

The Alzheimer's Australia Dementia Research Foundation wishes to sincerely thank Claire and Jayne for initiating this

fundraising event as well as congratulating the Capricornia community for supporting a surf club party, sausage sizzles and raffles.

Claire and Jayne chose to support the Alzheimer's Australia Dementia Research Foundation after their grandparents were diagnosed with dementia. They know from personal experience the effects dementia has on the person living with dementia as well as their family, friends and carers.



# FUNDRAISER AND SUPPORTER STORIES

## CONTINUED



Peter Secheny Photography

## WOMEN IN BUSINESS LUNCH - INTERNATIONAL WOMEN'S DAY

To celebrate International Women's Day in March 2014, Coleman Greig Lawyers, in conjunction with St George Bank, Moore Stephens, the University of Western Sydney and 360HR held a lunch for more than 250 guests at Oatlands House in Sydney to support Alzheimer's Australia Dementia Research Foundation. The stunning venue was the backdrop for presentations by Sue Kurrle, Curran Professor in Health Care of Older People at the University of Sydney and Ita Buttrose AO, OBE, then National President of Alzheimer's Australia.

Ms Buttrose spoke about her commitment to the work of Alzheimer's Australia Dementia Research Foundation in developing dementia research capacity in Australia. Principal of Coleman Greig and MC of the event, Caroline Hutchinson, was delighted with the \$9,000 raised at the event which was handed to the Foundation.

## ARANA LEAGUES CLUB PROUDLY SUPPORTS DEMENTIA RESEARCH

On Friday 30 May 2014, the Arana Leagues Club in Brisbane proudly donated \$9000 to the Alzheimer's Australia Dementia Research Foundation at their annual Sportman's Luncheon.

Almost 200 luncheon attendees listened to a presentation about the work of the Foundation and its researchers, while enjoying a pleasant meal.

Managing Director of Arana Leagues Club, Mr Joe Kelly chose to support the Foundation because of his personal

connection to the cause. Mr Kelly's mum was diagnosed with younger onset dementia at the age of 52 and now, at the age of 56, requires full time care.

The MC, Billy J Smith, kept the crowd entertained and conducted an auction (including a signed Qld state of origin jersey and a Wallabies jersey) to further increase the donation tally on the day.

The Alzheimer's Australia Dementia Research Foundation would like to thank the Arana Leagues Club for their extremely generous donation and all those who sponsored, supported and attended the event. We are extremely thankful for your support of Australian dementia research.



## TEA COSIES TO SUPPORT DEMENTIA RESEARCH

Mary Spencer continued to use her creative talents to hold her fourth annual exhibition of tea cosies and other crafts at her local library in Safety Bay, Western Australia. She has also held exhibitions by invitation at the official opening of the Kwinana library and resource centre, and the Rockingham Autumn Centre. The total amount Mary has raised to date is close to \$11,000 and she is looking forward to meeting the milestone of \$20,000 in the coming years.

Mary finds the public interest in her events a rewarding experience and said, "I have found it a fun way to draw attention to an illness that has such a devastating impact and the fact that I can raise money to help, in a small way, gives me a purpose to work for."

Each year, Mary produces a vast array of colourful and quirky cosies sure to be found adorning teapots in houses in Mary's community and beyond.



## NANA NO HATS COOKBOOK

The CorriLee Foundation released and launched a cookbook called *Nana No Hats* to support Alzheimer's Australia Dementia Research Foundation at the end of 2013.

The featured recipes are sure to bring back treasured memories of the favourite dishes enjoyed in many Australian households.

The project was initiated by Tanya Lee as a tribute to her beloved Nana, Corrie Lee. Edited

by Alzheimer's Australia former National President, Ita Buttrose AO, OBE, the cookbook reflects the perfected recipes of 93-year-old Corrie. Corrie believes moderation is the key to enjoying the delicious treats.

The book has been available online and at Dymocks nationally and we wish to thank everyone associated with the book for their abundant enthusiasm.

# RESEARCH COMMUNICATIONS AND COMMUNITY ENGAGEMENT

Over the past year, the Alzheimer's Australia Dementia Research Foundation has made some significant changes to expand its communication activities and its visual identity. The highlight of this process was the launch of a new website on 19 February 2014.

## DEMENTIARESEARCHFOUNDATION.ORG.AU

Our new website includes information about our past and present grant recipients, ways to support and fundraise for the Foundation, information about our annual grants program, options to participate in research trials via an online research participation portal and a new look *Dementia News* blog. Over a period of nine months (February-October 2014), close to 50,000 visitors from all around the world have accessed information on the site (see pages 29-30).

The new-look *Dementia News* provides multiple ways for people to learn about the latest dementia research. Along

with a regularly updated research blog, the website features a fortnightly podcast and a monthly video series with interviews with local and international dementia researchers, as well as some inspirational people raising awareness for dementia research. The podcast is also available via the iTunes podcast store and the video series can be found on YouTube.

We thank the Dementia Collaborative Research Centre: Carers and Consumers for continuing to fund and support *Dementia News*.

**DEMENTIA  
NEWS**  
**READ.LISTEN.WATCH.**  
**UNRAVEL DEMENTIA RESEARCH**

**SIGN UP AT:**  
**DEMENTIARESEARCHFOUNDATION.ORG.AU**



**UNDERSTAND.DISSCUSS.PARTICIPATE.**

Increasing consumer participation in research is another objective of the Alzheimer's Australia Dementia Research Foundation. To assist in achieving this, our new website also incorporated a **Research Participation Portal** where researchers are able to submit information on their trials, and

consumers are able to search through a listing of research projects requiring participants by state and territory. Since its inception in February 2014, the Research Participation Portal has had more than 8000 visits and more than 50 trials have been added.





In another exciting venture, the Alzheimer's Australia Dementia Research Foundation partnered with a community based art-science project called Neural Knitworks.

## SCIENCEWEEK.NET.AU/NEURAL-KNITWORKS

Neural Knitworks is a collaborative project to showcase mind and brain health. The Alzheimer's Australia Dementia Research Foundation supported this project as it offered the public a chance to learn about brain health, neuroscience and of course dementia research, while creating neurons (or brain cells) out of wool and wire for contribution to an art installation. The best part was that people didn't need to have any knitting experience to get involved.

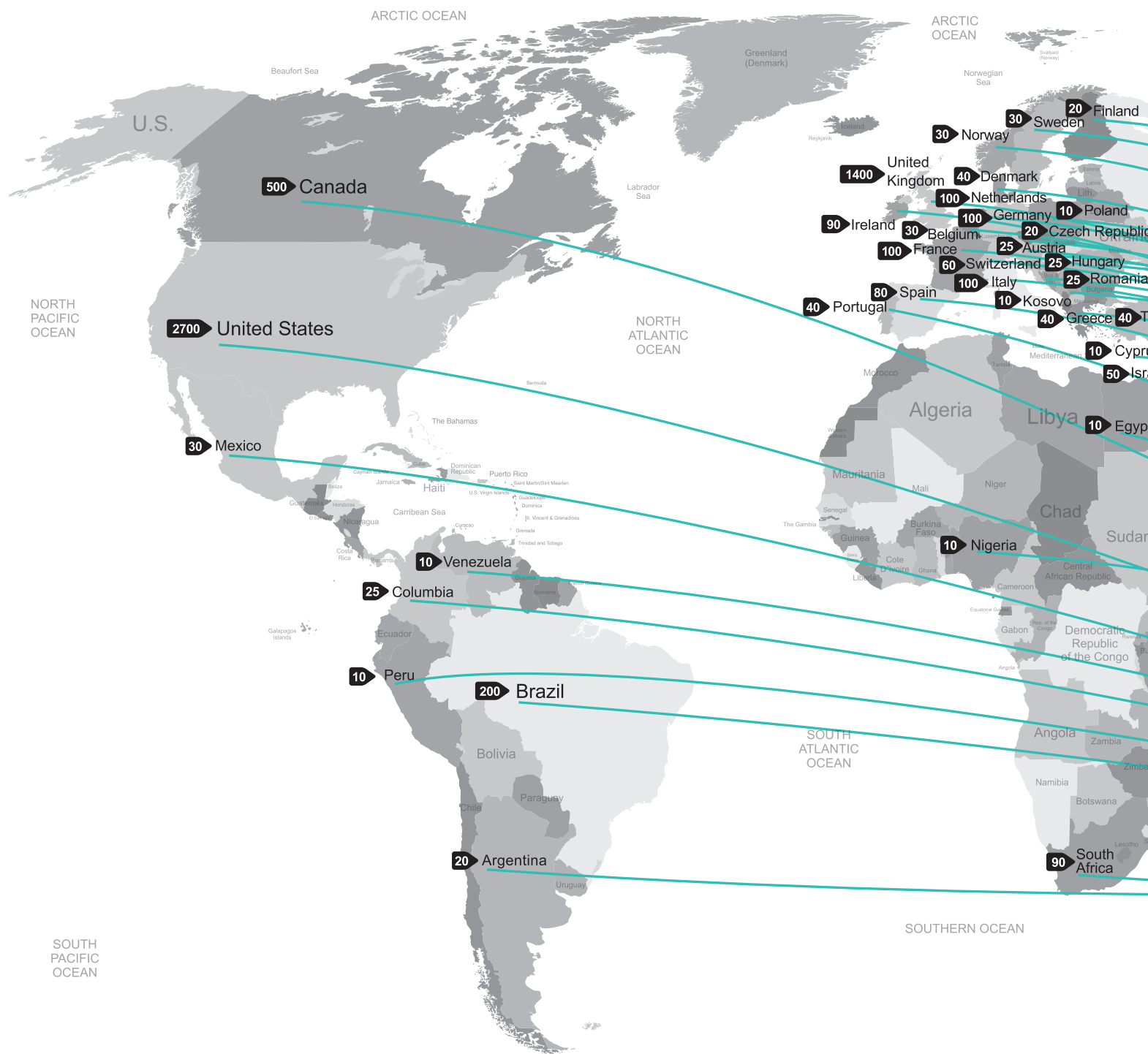
Many community groups and individuals all around Australia ran their own knit-ins to support the project, and the Alzheimer's Australia Dementia Research Foundation ran its very own public knit-in in Canberra on Sunday 22 June. We were extremely pleased to see the interest from the community, with more

than 250 people - young, old and in between – attending throughout the day. Our knit-in also received local media attention in the Sunday Canberra Times, local AM radio stations and the ABC News bulletin at 7pm. Thanks to the ACT National Science Week committee, the CSIRO Discovery Centre, Inspiring Australia and the ACT branch of Alzheimer's Australia who all supported this event. Also an extra special thanks to Pat Pillai and Rita Pearce who were the masterminds and artists behind the neural knitworks idea.

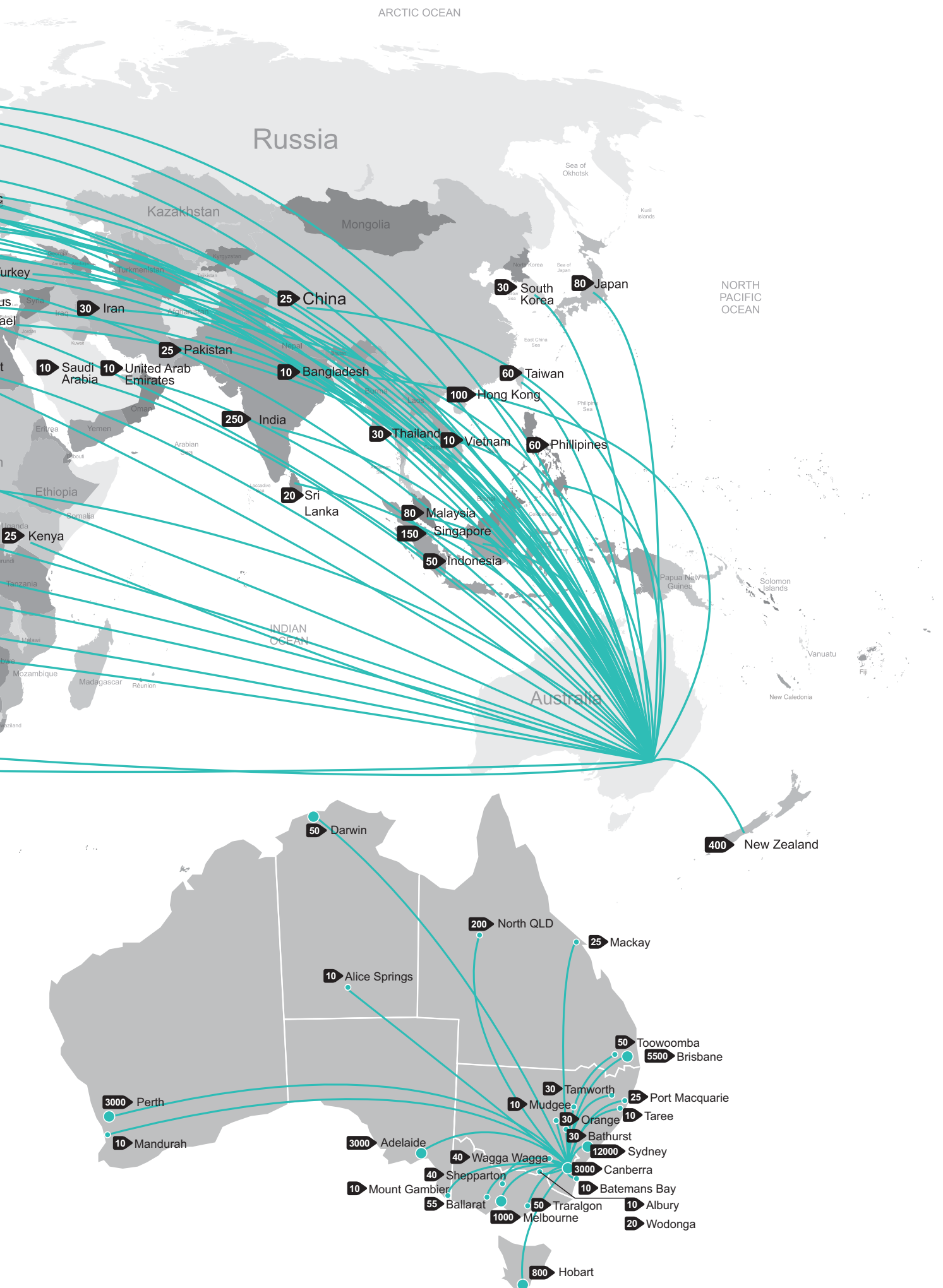
Thousands of knitted neurons were collected from all around the country to create the final masterpiece, which was launched at the Hazelhurst Art Gallery, Sydney during National Science Week 2014 (August 2014).



Throughout the year, many media outlets have also promoted dementia research projects and trials happening throughout Australia and worldwide. We are always thankful to the media for helping to promote dementia research to the Australian public.



## WEBSITE VISITORS SINCE FEBRUARY 2014





# CONGRATULATIONS

The Alzheimer's Australia Dementia Research Foundation supports Australia's best and brightest new and early career dementia researchers.

Many of our grant recipients have gone on to achieve significant career and personal milestones in their fields. Postgraduate scholars have completed their PhDs, books and papers have been published, and prestigious fellowships, grants and roles have been obtained.

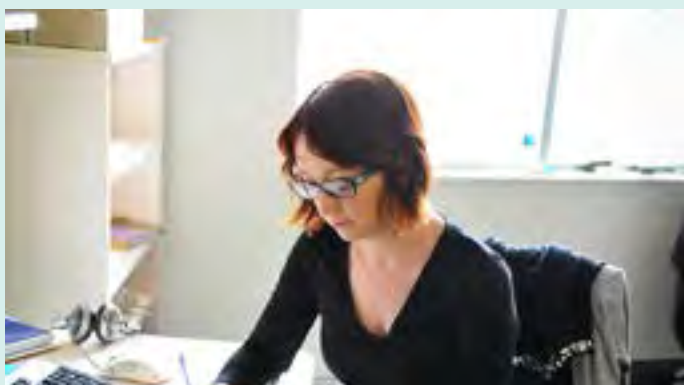
We congratulate all of our grant recipients on their achievements, and would like to highlight the following individuals



**Dr Alex Bahar Fuchs**, who has been awarded a number of AADRF grants (2012 AADRF Project Grant, 2013 AADRF Viertel Fellowship, and 2013 AADRF Rosemary Travel Grant), went on to be awarded a large 2013 NHMRC grant to assess the effects of cognitive training in older people with diabetes who are at risk of dementia.



**Dr Nady Braidy**, who was awarded a 2011 Viertel Foundation Postdoctoral Fellowship, was recently selected by the Australian Academy of Science as one of 15 young Australian scientists to attend the 2014 Nobel Laureate meeting in Lindau, Germany. Nady joined this select group of international scientists to meet with Nobel Prize winners in the fields of physiology and medicine. Overall 20,000 researchers applied worldwide and the 15 Australians chosen went through a rigorous selection process to be put forward by the Australian Academy of Science.



**Dr Erin Conway**, who was awarded the 2012 Hazel Hawke Dementia Research and Care Grant, has obtained the role of Lecturer in Speech Pathology at the School of Allied and Public Health at the Australian Catholic University. Dr Conway is still undertaking research in dementia care and working closely with people with dementia to improve their quality of life.



**Mr Sidong Liu**, who was awarded a 2012 AADRF PhD top up scholarship has over the course of this year attended the prestigious Harvard Medical School as a research scholar to conduct research on dementia. He will complete his one-year visit soon and return to Sydney in December 2014 to complete his PhD thesis.

# 2014 GRANTS PROGRAM

Award Type	Award Amount
Alzheimer's Australia Dementia Research Foundation Project grants (X9)	\$50,000
Hazel Hawke Dementia Research in Care Grant (X1)	\$50,000
Alzheimer's Australia Dementia Research Foundation – Victoria Project grants* (X4)	\$50,000
Resthaven Inc. Dementia Research Award (X1)	\$150,000
Alzheimer's Australia Dementia Research Foundation Full Postdoctoral Fellowships (X5)	\$110,000 p.a. (for 2 years)
Alzheimer's Australia Dementia Research Foundation Half-Postdoctoral Fellowships (X4)	\$55,000 p.a. (for 2 years)**
Rosemary Foundation Travel Fellowship (X1)	Up to \$15,000
Alzheimer's Australia Dementia Research Foundation Half-funded PhD scholarships (X4)	\$15,000 p.a. (for 3 years)** + \$2,500 p.a. research expenses***
<b>Total (29 grants)</b>	<b>\$2,615,000</b>

\*The Alzheimer's Australia Victoria Research Foundation Awards share a common application process with the Dementia Grants Program, but are subject to eligibility criteria and assessment processes determined by the Alzheimer's Australia Victoria Board. These awards are not formally a part of the Alzheimer's Australia Dementia Research Foundation Dementia Grants Program, and are not listed on the Australian Competitive Grants Register.

\*\* Funding provided by AADRF for half-funded Postdoctoral Fellowships and PhD scholarships must be matched by the administering institution.

\*\*\* The \$2,500 p.a. research expenses funding for half-funded PhD scholarships does not need to be matched by the institution.



# OUR BOARD

[DEMENTIARESEARCHFOUNDATION.ORG.AU/OUR-BOARD](http://DEMENTIARESEARCHFOUNDATION.ORG.AU/OUR-BOARD)



## SCIENTIA PROFESSOR HENRY BRODATY AO, CHAIR

Professor Henry Brodaty is Scientia Professor of Ageing and Mental Health, and Director of the Dementia Collaborative Research Centre, and co-Director of the Centre for Healthy Brain Ageing, both at the University of New South Wales. He is Head of the Memory Disorders Clinic and a psychogeriatrician at the Prince of Wales Hospital where he also leads a centre conducting drug trials for Alzheimer's disease and mild cognitive impairment.



## GLENN REES AM, COMPANY SECRETARY

Glenn Rees has worked in program and policy areas including: Prime Minister and Cabinet; Employment and Training, Aged Care, Disabilities, Housing and the Aboriginal and Torres Strait Islander Commission. He was Chair of the Nursing Homes and Hostels Review in 1986 and was involved in implementing the first wave of aged care reforms. Glenn has been Chief Executive Officer of Alzheimer's Australia since 2000 and will step down in Dec 2014.



## NEIL SAMUEL

Neil Samuel is the Managing Director of Dryen Australia Pty. Ltd., and is involved in finance, administration, sourcing and procurement. Neil has served on numerous boards in the not for profit sector for many years, specializing in governance and finance. Neil has served on the board of Alzheimer's Australia Vic since 2003 and is the current Vice Chair. Between Neil is also on the Board of Alzheimer's Australia Inc. His passion for Alzheimer's Australia was born out of family experience with dementia.



## PROFESSOR JOHN MCKELLAR AM ED, VICE CHAIR

Professor John McKellar is a Director of the National Board of the Order of Australia Association and Chairman of the SA Branch of the Association. He is also a Director and Deputy Chair of the Rosemary Foundation.



## DAVID NATHAN, TREASURER

David Nathan has a personal connection to Alzheimer's with his father succumbing in early 2012 after a 10-year battle with the disease. From 2006 to 2013, David was CEO of Avant, a large Australian indemnity insurer.



## DR SEAN MAHER

Dr Sean Maher is a Geriatrician and Head of the Department of Rehabilitation and Aged Care at Sir Charles Gairdner Hospital. He is a senior lecturer in Geriatric Medicine at Edith Cowan University, an Honorary Research Fellow at Curtin University and a Medical Director on the Board of Alzheimer's Australia WA.





## DR ANDREW WATT

Dr Andrew Watt is a Research Officer at the Florey Institute of Neuroscience and Mental Health and an Honorary Fellow at the University of Melbourne where he is investigating diagnostic and therapeutic approaches for Alzheimer's disease and related dementias. Dr Watt has worked closely with Alzheimer's Disease International and Alzheimer's Australia to raise awareness of the disease, since 2002 when his father was diagnosed with Younger Onset Alzheimer's disease. Dr Watt has been a director of AADRf since 2010.



## JOHN MORRISON

John Morrison is the Vice Chairman of Alzheimer's Australia NSW. He has served on the Board of Directors for several years, and was Honorary Treasurer from June 2003 to July 2006. John is experienced as a consultant and practitioner in finance, secretarial practice, corporate governance and risk management.



## DR RON SINCLAIR

Dr Ron Sinclair was a carer for his wife who passed away in 2006 from familial Younger Onset Alzheimer's disease. Dr Sinclair's father succumbed to dementia in 2004, and he now cares for his step-mother who has entered residential care with dementia. Dr Sinclair was a member of the Carers Advisory and Advocacy Committee and a Board member of Alzheimer's Australia South Australia for 10 years. He is consumer representative on Alzheimer's Australia National Consumer Advisory Committee, the National Cross Cultural Dementia Network, and the Consumer Dementia Research Network, and was previously a member of the Minister's Dementia Advisory Group. Dr Sinclair is a research biologist with the South Australian Government.



## PROFESSOR KAARIN ANSTEY

Professor Kaarin Anstey is Director of the Dementia Collaborative Research Centre, Early Diagnosis and Prevention and Director of the Centre for Research on Ageing, Health and Wellbeing at the Australian National University. Kaarin's substantive research interests include the epidemiology of cognition and dementia with a focus on identifying lifestyle, brain, and biological risk factors for cognitive decline, and the impact of cognitive ageing on everyday function and driving. She is also interested in intra-individual variability as a marker of brain and cognitive impairment, and how meta-cognition influences everyday function in later life. Other research interests focus on the development of wellbeing, depression and suicidality over the lifecourse. Kaarin was the previous chair of the AADRf, Scientific and Medical Panel.

# OUR SCIENTIFIC PANEL

[DEMENTIARESEARCHFOUNDATION.ORG.AU/OUR-SCIENTIFIC-PANEL](http://DEMENTIARESEARCHFOUNDATION.ORG.AU/OUR-SCIENTIFIC-PANEL)



## **PROFESSOR JAMES VICKERS (CHAIR)**

Chair of Pathology  
Head, School of Medicine  
University of Tasmania



## **ASSOCIATE PROFESSOR ELIZABETH J COULSON**

Head of the Neuronal Cell Survival  
Laboratory  
Queensland Brain Institute and Centre for  
Ageing  
The University of Queensland



## **ASSOCIATE PROFESSOR VELANDAI K SRIKANTH**

Associate Professor in the Department of  
Medicine at Monash University  
Southern Clinical School, Monash  
Medical Centre, MMC.  
Head of the Stroke and Ageing Research  
Group

Fluorescent image of a section of a mouse brain. Taken by Dr Catherine Blizzard.



## **PROFESSOR RALPH MARTINS**

Director of Centre of Excellence for  
Alzheimer's disease - Research and Care  
Foundation Chair of Ageing and  
Alzheimer's disease  
Edith Cowan University



## **PROFESSOR ELIZABETH BEATTIE**

Professor Aged and Dementia Care  
School of Nursing  
Queensland University of Technology



## **PROFESSOR GLYNDA KINSELLA**

Professor, Director Postgraduate  
Programs  
Department of Psychology  
La Trobe University



## **PROFESSOR WENDY MOYLE**

Director of the Centre for Health Practice  
Innovation (HPI)  
Griffith University



## **PROFESSOR LINDY CLEMSON**

Professor in Occupational Therapy and  
Ageing  
Co-Director, Ageing, Work and Health  
Research Unit  
National Health and Medical Research  
Centre Career Development Fellow  
The University of Sydney



# ACKNOWLEDGEMENTS

Professor Kaarin Anstey, Professor James Vickers and members of the AADRF Scientific Panel

The Dementia Collaborative Research Centres

Resthaven Inc

The Sylvia and Charles Viertel Charitable Foundation

Rosemary Foundation

Alzheimer's Australia Dementia Research Foundation- Victoria

The Sinclair Family

The Trengrove Family

The Hiley-Allars Family

Members of the Consumer Dementia Research Network

Alzheimer's Australia National, State and Territory organisations

Owners Aboriginal Corporation

Monday Leisure Time

Baker and McKenzie

Bowden Brae Residents Ancillary

Cienem Decorative Services Pty Ltd

Rotary Club of North Sydney

Overgrove Pty Ltd

Manly Golf Club

Saxton Speakers Bureau

Ironman Foundation Ltd

Arana Leagues Club Ltd

The Trust Company

CSIRO

Hall Chadwick

Zio Paperone Pty Ltd

Business Chicks

Nextra Cedar News

METIS Healthcare Research

Taylor Robinson

Rainer Diepolder and Christina Esser

Navneet Bhartia

Anna De Battista

Judith Irving

Mark Bessen

Francine Biddulph

Richard and Elizabeth Giannone

Greg Hanson

Linda Phillips

Dr Douglas Samuel

Rosemary Kelly

Trish Clark

Kitty and Quang Le

Ken Hazell

Simon and Miriam Hilton

Liam Ferney

Ellen Easton

Enzo Mandich

Stuart Low

Joyce McDonald

Maria O'Sullivan

Angela Cannavo

Jennifer Calov-Dalton

## WORKPLACE GIVING PARTNERS

Alcatel

Dunn and Bradstreet

Veda Advantage

Suzanne Grae

BHP Billiton

Macquarie Bank

The Australian Charities Fund

## ORGANISATIONS

Simson Cards

The Trust Company, part of Perpetual

Australian Wool Innovation, The Woolmark Company

Echidna Sewing Products

Plants Management Australia

Coleman Greig Lawyers

Quizopia Pty Ltd

Blue Illusion

All Souls' Opportunity Shop

Awabakai Descendants Traditional

## DONORS

Jenny Martin

O'Brien Family Trust

Petersen Family Foundation

Damien Atkins

Glenn Nijenhuis

David Reckenberg

Frank Anthony

Christine Hannah

Peter Zaninovich

John Bruce-Smith

Russell Stewart

David Leece

Adrian Meijer

Josie Panapa

Hugh Mc Master

Lorin Pickup

Bruce and Joy Reid Trust

## FUNDRAISERS

Lorenzo's Playground

Pebble Lane Studio

Collaborate for a Cause Charity Auction

G UP team

Liz and Rob Ciranni

Mary Spencer

Molly's Song

Corrie Lee Foundation

B2m4Alzheimer's walk

Chris Nagel

AquaCae

Jayne and Claire's Aqua Adventure

Buderim Ladies Bowling Club  
Ridgy Didge Runners and Walkers  
Toowoomba  
Friday Craft Group Willowglen  
Retirement Village  
Coastal Waters Retirement Village  
Quilt Exhibition

## IN MEMORY DONATIONS

In Memory of Norma Eleanor O'Neil  
In Memory of Audrey Blewitt  
In Memory of Alison Grant  
In Memory of Denise Shepherd  
In Memory of much missed mothers,  
fathers, grandmothers and  
grandfathers the world over  
In Memory of Arthur Todd  
In Memory of Amy West and Lurline  
Murphy  
In Memory of Geoff Ward  
In Memory of Joyce Agnes Izatt  
In Memory of Josephine Jacoby  
In Memory of Jim Crabb  
In Memory of Gerard Fleming  
In Memory of Jean Jarman  
In Memory of Robert Champion  
In Memory of Eileen Boag  
In Memory of Clarene "Bobbie" Nicol  
In Memory of Carmen DeCelis (Nana  
Mana)  
In Memory of Rita Olive Wilkes  
(Mansfield)  
In Memory of Arthur Dagnall  
In Memory of Barry David King  
In Memory of Ron Crowe

## IN HONOUR DONATIONS

In Honour of a loved one  
In Honour of Edna Farrow and John  
Wright

## SUPPORTERS OF HAZEL HAWKE ALZHEIMER'S RESEARCH AND CARE FUND

The Yarram Country Club  
Galston District Garden Club  
Sambalance Pty Ltd  
Hastings District Respite Care  
Alzheimer's Australia Victoria  
The Trust Company, part of Perpetual  
Northern Beaches University of the  
Third Age  
Cardno  
The Richardson Foundation  
Peter and Jan Marsh  
Debra Tidball  
Ryan Enright and Amelia Gilchrist  
Sophie Henderson  
Julie Flynn  
Angus Esslemont  
Vicki Furlong  
Debra Comben  
Julee Townsend  
Dr Kerry Landman  
Don Sutherland  
Nadia Mahamood  
Kathleen Dorsie  
Amanda Hume  
Charles Jones

## IN MEMORY DONATIONS

In Memory of Ivan Taylor  
In Memory of Jane Borg  
In Memory of Lorna Marjorie Gordon  
In Memory of Roey Dunlop  
In Memory of Eileen Leonhardt  
In Memory of Jean Eccles  
In Memory of Helen Napier  
In Memory of Harold Frank Pritchard  
In Memory of Katherine Elliott

# 2013 - 2014 FINANCIAL REPORT

## STATEMENT BY BOARD MEMBERS

The following financial information was extracted from the audited financial statements of Alzheimer's Australia Dementia Research Foundation Ltd. ABN 79 081 407 534, for the year ending 30 June 2014 and is included for information purposes only.

A full copy of the financial statements, including notes to the financial statements and audit opinion, can be obtained free of charge upon request from:

Alzheimer's Australia Dementia Research Foundation Ltd.  
1 Frewin Place Scullin ACT 2614  
E: [foundation@alzheimers.org.au](mailto:foundation@alzheimers.org.au)  
P: (02) 6254 4233

### Principal Activities

The principal activities of the organisation during the financial year were:

- The funding of research into Alzheimer's disease and other dementias.
- Investment in Australia's best and brightest new and early-career dementia researchers.
- Supporting innovative Australian research that offers the best hope of defeating dementia.
- Working with people with dementia to ensure that research reflects their concerns.
- Helping people understand dementia and the progress research is making.
- Aiming to make dementia a national research priority.

### Significant Changes

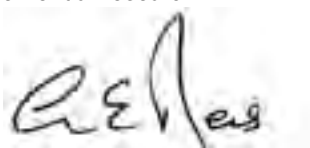
There have been no significant changes to the nature of the principal activities of Alzheimer's Australia Dementia Research Foundation Ltd. during the year.

In the opinion of Board Members, at the date of this statement there are reasonable grounds to believe that Alzheimer's Australia Dementia Research Foundation Ltd. will be able to pay its debts as and when they fall due.

Signed on behalf of Alzheimer's Australia Dementia Research Foundation Ltd. Board Members by:



David Nathan  
Treasurer  
13 October 2014



Glenn Rees  
Company Secretary  
13 October 2014



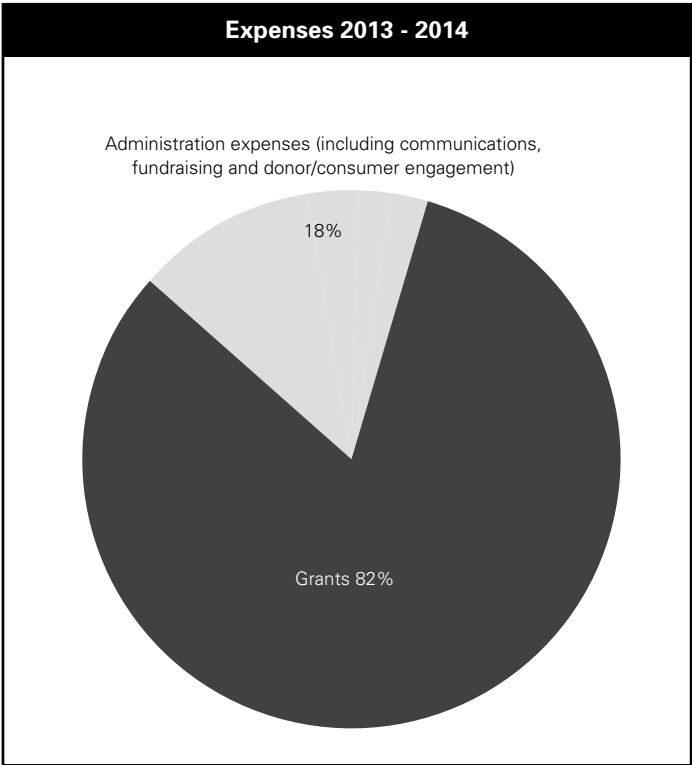
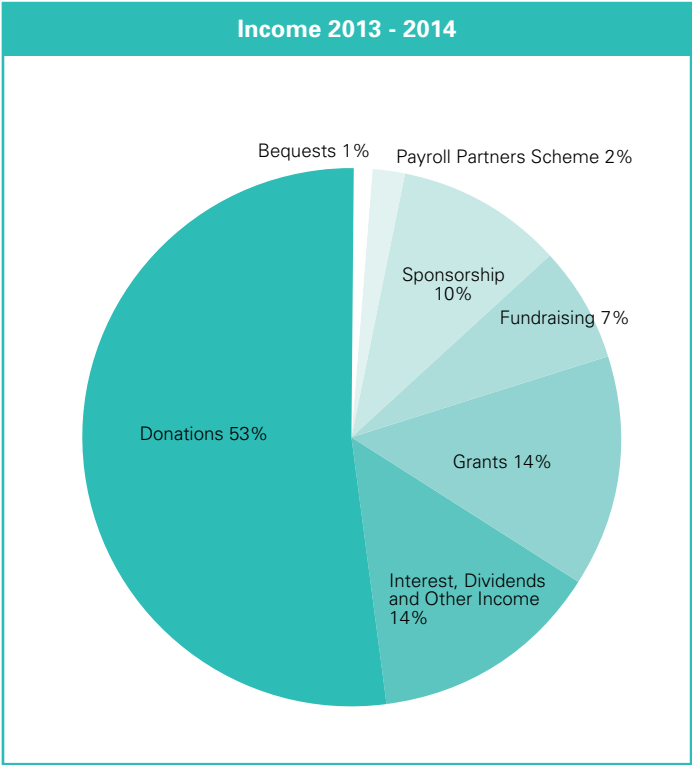
In the 2013-2014 financial year the Alzheimer’s Australia Dementia Research Foundation (AADRF) generated a total revenue of \$1.999 million, largely from general donations and bequests. Our revenue for the previous financial year was \$2.81 million, however this included a large single bequest for \$1 million.

Donations are the income received from the general public while fundraising income is that which is related to particular promotions or events.

In the 2013-2014 financial year 82 cents out of every dollar went into our grants program i.e. directly into research. Our administration costs cover management of the grants program and expenses associated with running the grants program, including bank fees, legal fees and meetings to assess grant applications and governance.

Our communication, engagement and fundraising activities are only a small portion of our expenses. We have expanded on this aspect in the 2013-2014 financial year to more than double our fundraising revenue from 2012-2013.

Our grants program expenditure increased 45% over 2012-2013 to a total of \$1.6m for 2013-2014.





## **Independent auditor's report to the members of Alzheimer's Australia Dementia Research Foundation Limited**

### ***Report on the financial report***

The accompanying summary financial statements, of Alzheimer's Australia Dementia Research Foundation Limited, comprising the summary statement of financial position as at 30 June 2014, the summary statement of comprehensive income for the year then ended, and related notes and the statement by the board members that they are derived from the audited financial report of Alzheimer's Australia Dementia Research Foundation Limited for the year ended 30 June 2014. We expressed an unmodified auditor's opinion on that financial report in our auditor's report dated 13 October 2014. That financial report, and the summary financial statements, do not reflect the effects of events that occurred subsequent to the date of our report on that financial report.

The summary financial statements do not contain all the disclosures required by Australian Accounting Standards – Reduced Disclosure Requirements and the *Corporations Act 2001* applied in preparation of audited financial report of Alzheimer's Australia Dementia Research Foundation Limited. Reading the summary financial statements, therefore is not a substitute for reading the audited financial report of Alzheimer's Australia Dementia Research Foundation Limited.

### ***The Boards' responsibility for the summary financial statements***

The Board is responsible for the preparation of a summary of the audited financial report on the basis described in the basis of preparation note.

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

Our responsibility is to express an opinion on the summary financial statements based on our procedures, which were conducted in accordance with Australian Auditing Standard ASA810 *Engagements to Report on Summary Financial Statements*.

### ***Auditor's opinion***

In our opinion, the summary financial statements derived from the audited financial report of Alzheimer's Australia Dementia Research Foundation Limited for the year ended 30 June 2014 are consistent in all material respects, with that audited financial report, on the basis described in the basis of preparation note.

PricewaterhouseCoopers

David Murphy

11 December 2014

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**PricewaterhouseCoopers, ABN 52 780 433 757**  
28 Sydney Avenue, FORREST ACT 2603, GPO Box 447, CANBERRA CITY ACT 2601  
T: + 61 2 6271 9544, F: + 61 2 6271 9954, [www.pwc.com.au](http://www.pwc.com.au)

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## **STATEMENT OF REVENUE AND EXPENDITURE FOR THE YEAR ENDED 30 JUNE 2014**

	<b>2014</b>	<b>2013</b>
	<b>\$</b>	<b>\$</b>
<b>Revenue</b>		
Operating activities:		
- grant repayments	-	9,950
- fundraising	134,811	60,850
- donations and bequests	1,592,823	2,433,562
Total Operating activities	1,727,634	2,504,362
Non-operating activities:		
- interest received	179,123	201,357
- gains on investment	90,940	107,381
- other income	1,500	-
Total Non-operating activities	271,563	308,738
<b>Total Revenue</b>	<b>1,999,197</b>	<b>2,813,100</b>
<b>Expenses</b>		
Employee benefits expense	(202,818)	(133,759)
Grants issued	(1,619,811)	(1,115,259)
Other expenses	(144,796)	(70,467)
<b>Total Expenses</b>	<b>1,967,425</b>	<b>1,319,485</b>
Surplus for the year	31,772	1,493,615
<b>Other comprehensive income</b>	<b>-</b>	<b>-</b>
<b>Total comprehensive income for the year</b>	<b>31,772</b>	<b>1,493,615</b>



## STATEMENT OF FINANCIAL POSITION AS AT 30 JUNE 2014

	2014 \$	2013 \$
<b>ASSETS</b>		
<b>CURRENT ASSETS</b>		
Cash and cash equivalents	4,366,200	3,482,129
Trade and other receivables	228,455	141,555
Financial assets	1,209,271	1,500,000
Other assets	16,818	2,583
<b>TOTAL CURRENT ASSETS</b>	<b>5,820,744</b>	<b>5,126,267</b>
<b>NON-CURRENT ASSETS</b>		
Financial assets	775,657	909,612
<b>TOTAL NON-CURRENT ASSETS</b>	<b>775,657</b>	<b>909,612</b>
<b>TOTAL ASSETS</b>	<b>6,596,401</b>	<b>6,035,879</b>
<b>LIABILITIES</b>		
<b>CURRENT LIABILITIES</b>		
Trade and other payables	650,377	33,951
Other current liabilities	-	87,676
<b>TOTAL CURRENT LIABILITIES</b>	<b>650,377</b>	<b>121,627</b>
<b>TOTAL LIABILITIES</b>	<b>650,377</b>	<b>121,627</b>
<b>NET ASSETS</b>	<b>5,946,024</b>	<b>5,914,252</b>
<b>EQUITY</b>		
Retained Earnings	5,946,024	5,914,252
<b>TOTAL EQUITY</b>	<b>5,946,024</b>	<b>5,914,252</b>

### Basis of preparation

The summary financial statements relate to Alzheimer's Australia Dementia Research Foundation Ltd. as an individual entity.

Alzheimer's Australia Dementia Research Foundation Ltd. is incorporated under the Corporations Act 2001 and is an entity limited by guarantee.

The summary financial statements have been derived from the audited financial statements Alzheimer's Australia Dementia Research Foundation Ltd. dated 13 October 2014. These statements were prepared in accordance with Australian Accounting Standards – Reduced Disclosure Requirements of the Australian Accounting Standards Board. Alzheimer's Australia Dementia Research Foundation Ltd. is a not-for-profit entity for financial reporting purposes under Australian Accounting Standards.

The summary financial statements have been prepared on an accruals basis and are based on historical costs, modified, where applicable, by the measurement at fair value of selected non-current assets, financial assets and financial liabilities. The amounts presented in the financial statements have been rounded to the nearest dollar. The presentation currency used is Australian Dollars.

**ALZHEIMER'S  
AUSTRALIA  
DEMENTIA  
RESEARCH  
FOUNDATION**