

# Wicking Dementia Research and Education Centre

Annual Report 2011





Wicking Dementia  
Research and Education  
Centre

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# Executive Summary

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## Overview

Since its inception in 2008, the Wicking Dementia Research and Education Centre (WDREC or Wicking Centre) has undertaken a substantial number of research projects across its theme areas of Dementia Health Service Development, Exploring the Trajectory of Dementia, and Investigating the Biological Basis of Dementia.

The growth in the Centre's research activities is reflected in current and ongoing funding totalling \$7,800,000, involving multi-disciplinary research collaborations involving state, national and international partners.

2011 outputs include 22 publications and the completion of two large Department of Health and Ageing (DoHA) funded projects, 'Community of Practice in Dementia' and 'Opening a Dialogue', conducted with the Australian Catholic University and Curtin University. In this period, the Wicking Centre had 16 PhD candidates, four of whom graduated in December 2010.

In an innovative world-first study, the Tasmanian Healthy Brain Project gained national recognition in 2011, receiving \$1 million funding for 5 years from the National Health and Medical Research Council (NHMRC). This funding will enable the Centre to recruit 1,000 UTAS students aged 50–79 to the project to test whether attending university later in life boosts cognitive capacity and 'reserve', potentially increasing healthy brain ageing and decreasing subsequent development of dementia.

2011 also included the commencement of the Wicking Teaching Aged Care Facilities Program, which involves a partnership with two residential aged care facilities—Masonic Peace Memorial Haven in Launceston and the Queen Victoria Home in Hobart. UTAS nursing, medical and paramedic students are involved in this major project which aims to develop evidence-based and inter-professional aged care placements, and build capability in the aged care sector to support teaching, research and practice.

In October 2011, the Wicking Centre was successful in its bid for \$3 million funding from the JO & JR Wicking Trust, for an additional 5-year period through 2013–2017. This will ensure the continuance of the Centre ('stage 2'), which will include the recruitment of further senior research personnel.

## Funding

The Wicking Centre is the largest health research group in Tasmania. In stage 1 of the Centre's development (2008-2012), the JO & JR Wicking Trust provided funding of \$300,000 per year. Other core Centre funding supporting stage 1 included \$150,000/year from UTAS and \$50,000/year from the Tasmanian Department of Health and Human Services. Competitive grant funding and other funding totals

over \$7.8m in this report (past expended projects' funding can be accessed in annual reports 2008, 2009 and 2010).

Further associated collaborative grants, such as the Breathe Well Centre for Research Excellence, were achieved this year, which again increase the capacity of health research in Tasmania.

## Vision

The Wicking Dementia Research and Education Centre prepares Tasmania, and thereby Australia, for the increasing numbers of people with dementia.

## Mission

The translational research and education programs cover the broad arenas of:

- Building Dementia Health Service Capacity and Carer Resilience
- Exploring the Trajectory of Dementia
- Investigating the Biological Basis of Dementia
- Education, Workforce Development and Community Engagement

## 2011 Summary of outcomes

Core funding:	Wicking Trust 2011	\$300,000
	DHHS and UTAS	\$200,000
New funding 2011:		<b>\$3,780,970</b>
Ongoing funding:		\$3,532,371
Total funds managed in 2011:		<b>\$7,813,341</b>
Research publications 2011:		22
Student capacity 2011:		16 PhDs; 5 Hons

## Staffing

Co-Directors Professors James Vickers and Andrew Robinson are supported by a team of research and professional staff (Table 1, below).

**Table 1: WDREC staff, students and research associates**

<b>Directors</b>	<b>Professor Andrew Robinson and Professor James Vickers</b>	
<b>Staff</b>	Dr Tracey Dickson	Senior Research Fellow/ NHMRC Career Development Fellow
	Dr Christine Stirling	Senior Research Fellow (to June 2011)
	Diana Carter	Executive Officer (Strategic Operations)
	Gillian Vosper	Centre Manager
	Dr Jyoti Chuckowree	NHMRC CJ Martin Research Fellow
	Dr Anna King	Alzheimer's Australia Research Fellow
	Dr Catherine Blizzard	Bill Gole Research Fellow
	Dr Mathew Summers	Research Fellow
	Dr Jerome Staal	Masonic Foundation Medical Research Foundation Fellow (to March 2011)
	Dr Sharon Andrews	NHMRC TRIP Research Fellow
	Dr Olivier Bibari	Research Fellow
	Dr Brigit Stratton	Research Fellow
	Dr Emma Lea	Research Fellow
	Dr Claire Eccleston	Research Fellow
	Susan Leggett	Junior Research Fellow
	Dr Barbara Lloyd	Junior Research Fellow
	Hazel Ryan	Research Officer
	Dr Carolyn King	Community Liaisons
	Graeme McCormack	Drug Discovery Platform Coordinator
	Donnamay Brown	Project Officer
	Claire Morley	Project Officer
	Suzie Castillo	Administrative Assistant
	Carl Higgs	Casual Research Assistant
	Tracy Green	Executive Assistant to A Robinson (SNM)
	Sandra Howarth	Executive Assistant to J Vickers (SoM)
	Rebekah Burgess	Research Assistant
	Sarah Dawkins	Research Assistant
	Tracey Dean	Research Assistant
	Justin Dittman	Research Assistant
	Sarah Haberle	Research Assistant
	Robyn Jacobson	Research Assistant
	Clara Lee	Research Assistant

	Jack Leggett	Research Assistant (to Sept 2011)
	Megan Lenehan	Research Assistant
	Carolyn Mackintosh	Research Assistant
	Jo Savage	Research Assistant
	Emily Stratton	Research Assistant (To August 2011)
	Megan Waugh	Research Assistant
Training Research Fellow (Overseas)	Dr Adele Woodhouse	NHMRC CJ Martin Fellow
PhD candidates	Sharon Andrews	Graduated Dec 2010
	Catherine Blizzard	Graduated Dec 2010
	Heather Brooks	
	Helen Courtney-Pratt	Graduated Dec 2010
	Corinna Dwan	
	Kate-Ellen Elliott	
	Katherine Hosie	
	Shannon Klekociuk	
	Suanne Lawrence	
	Yao Liu	
	Melinda Minstrel	Submitted October 2011
	Stan Mitew	
	Ruth Musgrove	
	Nichole Saunders	
	David Ward	
	Juanita Westbury	To graduate Dec 2011
Honours students	Briony Campbell	
	Lauren Fracalossi	
	Penny Johnson	
	Siak Lee	
	Mai Raabus	
Research Associates	Prof Jenny Abbey	Honorary Senior Research Fellow, MRIT
	Prof Karen Ritchie	INSERM, Montpellier, France
	Prof Michael Ashby	Director of Palliative Care Royal Hobart Hospital, and Honorary Fellow, WDREC, MRIT
	Dr Joanna Bakas	Roy Fagan Centre, Hobart
	Dr Toby Croft	DHHS
	Dr Catherine See	Australian Pacific Leadership Group
	Prof Roger Fay	School of Architecture and Design, UTAS
	Prof Mary Fitzgerald	School of Nursing and Midwifery (SoNM), UTAS
	Prof Richard Fleming	University of Wollongong
	Dr Emily Hansen	School of Sociology, UTAS
	Dr Marguerite Bramble	Research Associate, SoNM, UTAS

Research Associates	Damhnat McCann	SoNM, UTAS
	Prof Fran McInerney	Australian Catholic University/MRIT
	Dr Peter Orpin	Senior Research Fellow, University Department of Rural Health
	Dr Dimity Pond	University of Newcastle
	Frank Sainsbury	IT Project Officer, UTAS
	Dr Kristy Sanderson	Research Fellow, MRIT
	Dr Jenn Scott	School of Psychology, UTAS
	Dr Velandai Srikanth	Monash University
	Prof Jeff Summers	School of Psychology, UTAS
	Dr Jane Tolman	Geriatric Services, DHHS Tas
	A/Prof Chris Toyne	Curtin University
	A/Prof Paul Turner	School of Computing Information Systems, UTAS
	Dr Adele Vincent	MRIT
	Dr Fiona Kelly	DHHS Tas
	Andrea Lees	University of Stirling
	Dr Liz Cummings	School of Computing Information Systems, UTAS
	Clive Skilbeck	School of Sociology, UTAS
	Dr John Bass	MRIT
	A/Prof John Field	SoNM, UTAS
	Dr Matthew Kirkaldie	MRIT
	Dr Rob Gasperini	MRIT
	Vicki Colville	DoHA
	Dr Caroline Emden	Independent scholar
	Janet Carty	DHHS Tas
	Dr Paul Adlard	Mental Health Research Institute Victoria
	A/Prof Inn Chuah	School of Medicine/Menzies Research Institute UTAS
	Dr Roger Chung	Senior Research Fellow, Menzies Research Institute,
	Dr Michael Dreyer	DHHS
	Dr Michael Valenzuela	University of New South Wales
	Lorraine Millar	DHHS
	Prof David Small	Menzies Research Institute Tasmania, UTAS
	David Spence	Community and Aged Care Services, DHHS
	Prof Adrian West	School of Medicine/ MRIT
Peter Nute	Community Based Support South Inc., Tasmania	
Helga Merle	Hunter New England Health, NSW	
Jennifer Mayne	Launceston Community Dementia Team	
Sally Jackson	Launceston Community Respite and Carelink Centre	
Sue Leake and Jan Hughes	Family Based Care Association (Northern Region) Inc.	

## Awards and Achievements

- Dr Sharon Andrews**      Awarded one of 10 NHMRC Translating Research Into Practice (TRIP) Fellowships. This fellowship is focused on developing future leaders in the translational research in Australia. It is a 0.5 FTE position for two years with a total remuneration of \$124,000.
- Dr Catherine Blizzard**      International Brain Research Organisation Travel Fellowship (1,250 Euros) to attend the 8<sup>th</sup> International Brain Research Organisation Conference in Florence, Italy in July 2011.
- Motor Neurone Disease Victoria Nina Buscombe Award (\$1,210) for travel to the Allied Professionals Forum and International Symposium on ALS/MND to be held in Sydney in November 2011.
- Diana Carter**      University of Tasmania Professional Development Leave 2011 (\$1,500) from the Deputy Vice-Chancellor's Strategic Human Resources Committee.
- Dr Tracey Dickson**      Promoted to Senior Member of Menzies Research Institute Tasmania (October, 2011).
- Katherine Hosie**      2011 Nina Buscombe Travel Award (\$1,210) which is granted by the Motor Neuron Disease Association of Victoria for travel to the 22<sup>nd</sup> ALS/MND Symposium to be held in Sydney in November 2011.
- Dr Anna King**      Alzheimer's Australia Research Postdoctoral fellowship. Commenced April 2011.
- Dr Jerome Staal**      NHMRC CJ Martin Fellowship.
- Dr Jerome Staal and Dr Catherine Blizzard**      Semi-finalists in the Southern Cross Tasmanian Young Achiever of the Year, Science and Technology, 2010.

**WDREC is a Collaborative Centre of the Australian Association of Gerontology  
/International Association of Gerontology and Geriatrics Partner.**

# Goal Area 1

## Dementia Health Service Development

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*Objective: To improve dementia care service delivery in Tasmania and foster evidence-based best practice among health planning policy-makers, agency providers, practitioners and researchers.*

Led by Professor Andrew Robinson, in 2011 the Dementia Research Health Services team coordinated a range of projects, including two Department of Health and Ageing funded projects with the Australian Catholic University (ACU) and Curtin University. Projects incorporate acute, community and residential care, and address issues including the development of positive staff–family relationships in the care of people with dementia, developing communities of practice and the first phase of a model of dementia palliative care; environmental design; the management of people with dementia in acute care environments; and timely dementia diagnosis through a nurse-led memory clinic. A further key focus of the group has been the rollout of the Wicking prototype Teaching Aged Care Facilities Program.

Research collaborations have continued with researchers in UTAS (the Schools of Medicine, Nursing & Midwifery, Computing and Information Systems, Psychology, Pharmacy, Rural Health, and Architecture and Environmental Design), and interstate, with the Dementia Collaborative Research Centres (DCRC) at the University of New South Wales and Queensland University of Technology, La Trobe University, Curtin University, ACU, the University of South Australia, Griffith University and the University of Wollongong.

### Residential aged care projects

*Title:* **Opening a Dialogue: Improving communication and practice in advance care and end of life care planning**

*Synopsis:* This project, aimed to improve the delivery of palliative care for people with dementia by initiating a dialogue with family and carers about the dementia trajectory, future palliative care needs and advance care planning. A discussion tool and supporting strategies were developed to facilitate staff–family caregiver communication about dementia, decision-making and palliative care. An education workshop, which addressed issues around the provision of dementia palliative care, was also developed in collaboration with specialist palliative care and dementia providers. Five conference presentations were delivered at the October Ninth Asia/Oceania Regional Congress of Gerontology and Geriatrics in Melbourne. The project was completed in August 2011.

*Chief Investigators:* Ashby, M., **Robinson, A., Andrews, S.,** McInerney, F., **Stirling, C.,** Toye, C.

- Title:* **Teaching Aged Care Facilities Program**
- Synopsis:* This 5-phase project commenced in March 2011 with the aim of establishing Teaching Aged Care Facilities to provide quality inter-professional student clinical placements in aged care contexts. Seventy-three UTAS students completed 1–3 week clinical placements in 2 residential aged care facilities in Tasmania (Launceston and Hobart). These included 20 fifth year medical students, 20 second year and 12 first year nursing students, and 21 second year paramedic students. In 2011, Phases one and two of the program have been completed. Phase 3, which involves an analysis of program outcomes arising from the first group of student placements, is currently being undertaken. (see <http://www.utas.edu.au/teaching-aged-care-facilities> for further information).
- CIs:* **Robinson, A., Andrews, S., See, C., Lea, E., Eccleston, C., McInerney, F., Jones, J., Bramble, M., Marlow, A., Fassett, D., Bell, E., Radford, J., McCall, M.**
- Title:* **An investigation into aged care staff and family caregivers' communication about and participation in care provision for people living with moderate and severe dementia in RACFs**
- Synopsis:* The first stage of this project has been completed and involved the development and piloting of a dementia knowledge tool. The second stage of the project has a focus on surveying aged care staff and family caregivers about their knowledge of dementia. This data collection is complete across the three states (WA, Tas, Vic). Data analysis is underway.
- CIs:* McInerney, F., **Andrews, S., Robinson, A.**, Toye, C.
- Title:* **Environmental design for people with dementia: Charting the gap between theory and practice in the design of new residential facilities**
- Synopsis:* A process of auditing of five NSW RACFs and associated interviews has now been completed and data from the full investigation is being utilised in publications and conference presentations.
- CIs:* Fleming, R. (DCRC), **Robinson, A.**, Fay, R.
- Title:* **Promoting positive staff–family relationships in the care of people with dementia and other aged related conditions in residential care settings**
- Synopsis:* This project aims to enhance the development of positive staff family relationships in a RACF by implementing the Australian Centre for Evidence Based Aged Care (ACEBAC) Guideline for “Creating constructive staff–family relationships in the care of older adults in the residential aged care setting” (2008). The project objectives are to: (1) Work collaboratively with staff and family

caregiver stakeholder groups to map the evidence–practice gap and identify a suit of strategies to implement the ACEBAC guideline in practice; (2) Develop information and resources with staff and family members that will raise awareness about the advantages of creating collaborative relationships and support the implementation of the ACEBAC guideline; and (3) Identify strategies in partnership with staff and families to promote staff–family meetings to enhance relationships.

This project has been running for almost 12 months and baseline data collection is complete. Findings are informing the development of a number of strategies to promote the implementation of the ACEBAC guideline, including: a staff and family education program focusing on the establishment and maintenance of positive relationships; resources to facilitate information sharing between staff and family; and the establishment of structures and processes to support the implementation of staff–family case conferences.

*CIs:* **Andrews, S.**

*Title:* **Developing and testing a strategy to enhance a palliative approach and care continuity for people who have dementia (The Community of Practice in Dementia Project)**

*Synopsis:* People who need a palliative approach to care because they have advanced dementia frequently receive services from community aged care providers, hospitals, and/or residential aged care facilities. It is imperative to ensure a common understanding of key elements of best practice in dementia care across these health care sectors, including those elements related to inter sector transfers. This project tested and refined a strategy to instigate a Community of Practice comprising staff drawn from all three sectors, and including representation from respite providers and general practice, in metropolitan Perth (Western Australia) and in regional/rural Tasmania. Members of each Community of Practice were supported to enhance their understanding of best practice in dementia care within their workplace and champion its implementation. Each Community of Practice was also supported to develop and implement inter sector transfer protocols aimed at promoting care continuity. The project was completed in August 2011.

*CIs:* **Toye, C., Jiwa, M., Robinson, A., Andrews, S., McInerney, F., Abbey, J., Ashby, M., Holloway, K.**

## Community care projects

The majority of care for people with dementia still occurs in the community and research to improve the quality of dementia care in Australia is a central theme.

*Title:* **Carers Care**

*Synopsis:* Carers Care is aimed at carers of people with dementia, with a 90 minute DVD and tips sheets designed to provide information and offer coping strategies to increase carer wellbeing. This research project involves a pilot randomised control trial of a new model of carer self-help—Carers Care. People with dementia and carers were involved in the production of a DVD and tip sheets. The pilot study is underway across Tasmania and a nationwide trial is planned for commencement in late 2011.

*CI:* **Scott, J., Sanderson, K., Stirling, C., Robinson, A., Vickers, J., Croft, T., Murray, K., Tsinoglou, M.**

*Title:* **Living Alone with Dementia**

*Synopsis:* Most people want to be able to make choices about the way they live their life. Previous studies have shown that people are happier and healthier when they have some control over where they live, what they do and what happens to them. The purpose of this study is to find out what everyday life is like for people who live by themselves and have dementia or memory loss, what people with dementia or memory loss want to keep or to change in their lives, and how services can help people with dementia or memory loss to keep the things they want to keep and change the things they want to change in their life.

*CI:* **Stirling, C., Lloyd, B., Brown, H., Hardaker, K.**

*Title:* **Guiding Options for Living with Dementia (GOLD) Book**

*Synopsis:* Funded by the Wicking Dementia Research and Education Centre, this project was led by Dr Christine Stirling. A Decision Aid, called *The GOLD Book* (an abbreviation of Guiding Options for Living with Dementia) for carers of people with dementia was developed. Many different community care services are provided to people with dementia and their carers but it can be difficult knowing which services will be best. *The GOLD Book* will help carers to think through decisions about the help they need in a step by step manner. The book contains current medical and social information about dementia and services, along with decision tools.

*CI:* **Stirling, C., Lloyd, B., Robinson, A., Vickers, J., Scott, J., Turner, P., Abbey, J., Croft, T., Carty, J., Spence, D.**

*Title:* **Timely dementia diagnosis: Exploring nurse-led memory clinics as effective practice**

*Synopsis:* This study has been trialling a nurse-led memory clinic in order to explore the clinic's potential as a model of early primary health care for augmenting dementia diagnosis and therapeutic interventions in collaboration with the DHHS Older Persons Mental Health Service. The clinic offers a two-visit model and retains a primary health care focus by ensuring that General Practitioners remain part of the diagnostic process. Clients either self-refer or are referred by health professionals for the first visit. Following the initial assessment, a personalised plan is prepared for those with identified cognitive deficits. This model aims to maintain the role of GPs and specialists while providing support in the time consuming aspects of assessment and referral, and providing an alternative avenue for individuals to access initial assessment.

*CIs:* **Stirling, C., Ryan, H., Morrissey, M.**

*Title:* **The future of aged care nurse practitioners: Developing and testing an innovative combined health service and independent practice model**

*Synopsis:* This project will trial an Aged Care Nurse Practitioner (ACNP) role that comprises a 40% component as an ACNP independent contractor and a 60% component as a health service based ACNP. It uses an innovative model that combines both independent practice and health service components with a specialist dementia focus. This allows us to demonstrate how a combination model will work where health services may not be able to afford a full ACNP position, or where ACNPs may wish to develop a part-time private practice.

The intent is to demonstrate that within this combination ACNP model the ACNP will achieve the following outcomes:

- Improved access to primary health services for older persons, particularly those with dementia.
- Improved access to dementia and other mental health services for patients in RACF and community settings with improved patient outcomes.
- Increased health care system capacity to support the rapidly increasing numbers of people with dementia and their carers.
- Demonstration of a sustainable, and professionally supported, combination ACNP role which adds value to the specialist dementia services with the provision of cost-effective holistic primary care, while providing independent practice opportunities.

*CIs:* **Stirling, C., Robinson, A., Ryan, H., Morrissey, M.**

## Acute care projects

*Title:* **Best practice and the care of older persons with dementia in the Emergency Department: A critical ethnography**

*Synopsis:* This study examined the nursing care provided to older patients, aged 65 years and older in the Nell Williams Unit of the Emergency Department (ED) at the Royal Hobart Hospital (RHH). The aim of this research was to explore nursing care and management of older patients admitted to the unit. Findings from observation and interviews were compared to existing best practice guidelines for care of older persons in ED. Description of care provision in the ED compared to best practice and a focus on Person Centred Care described by McCormack and McCance (2006). The team has been able to leverage further funding to continue working with health care providers within the ED on an additional project.

*CIs:* **Robinson, A.**, FitzGerald, M., Courtney-Pratt, H., Nethery, I.

*Title:* **Care of older persons with dementia in hospital: A case study**

*Synopsis:* The aim of this project was to examine the experience of persons with dementia as co-morbidity, admitted to acute care settings. Adopting an embedded single case study design, the progress of eight people with dementia (PWD) was followed, ultimately producing an exploration of care provided in one institution. Observation of practice (43 sessions), an examination of patient medical histories and semi structured interviews with health care professionals (n=17), family (n=6) and person with dementia (n=3) were undertaken. Results are providing a rich triangulated description of the experience of the person, carer and health care professional during hospitalization, and position WDREC for further research in to understanding the PWD's journey through the acute care system. In addition, the research provided collaboration with Wendy Moyle from Griffith University in research titled "Family involvement in care of people with dementia".

*CIs:* Courtney-Pratt, H., **Robinson, A.**, FitzGerald, M., Ford, K.

*Title:* **Continuity of care for people with dementia: Information transfer between residential aged care facilities and acute care settings**

*Synopsis:* Using focus group methodology the aim was to investigate the enablers and barriers to transfer of care information for persons with dementia between Residential Aged Care Facilities (RACFs) and the Emergency Department (ED) with a focus on continuity of care. The project utilised focus groups from two RACFs, staff from the Emergency Medical Assessment Team and nurses from ED and included a single interview with one Medical Officer. The study has been undertaken by an Honours student, supported by the Practice Development Unit and is currently in the final stages of analysis. The project also seeks to engage health care providers and follow up with practice development activities. Findings from the study will be provided back to clinicians via the continuing work funded by a Florence Nightingale, Aged Care Nursing and Evaluation Grant.

*CI:* Courtney-Pratt, H., FitzGerald, M., **Robinson, A.**, Ford, K., Campbell, B.

## Goal Area 2

### Exploring the Trajectory of Dementia

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*Objective: To more fully understand the continuum of the progression of the diseases that cause dementia.*

#### The trajectory of dementia projects

*Title:* **Tasmanian Healthy Brain Study**

*Synopsis:* The Tasmanian Healthy Brain Study, a world first prospective longitudinal study, received a \$1 million NHRMC research grant for a period of 5 years to examine the potential benefit of tertiary education in late life to protect against age-related cognitive decline and/or dementia. To date, 249 participants have commenced in the project, the majority being in the intervention arm and studying at the University of Tasmania. Recruitment of participants will continue over the next 4 years (with more than 100 already enrolled for 2012).

*CI:* **Vickers, J., Summers, M., Valenzuela, M., Summers, J., Ritchie, K., Dickson, T., Robinson, A., Ward, D.**

*Title:* **Mild Cognitive Impairment Study**

*Synopsis:* It is currently impossible to predict which individuals with mild cognitive impairment (MCI) will develop a dementia, remain stable, or recover. Previous studies indicate that 10–15 per cent of individuals with MCI will develop dementia each year. In 2010, a total of 106 participants over 60 years of age had completed 3 years of annual neuropsychological testing. Results indicated that 12% of those with MCI developed dementia within 3 years, 63% continued to display MCI, and 25% reverted to unimpaired levels of function. It was found that a pattern of impairments differentiated between participants who developed dementia, recovered from MCI, or remained in stable MCI with 83.8% accuracy. In 2011 the MCI study recruited 127 new participants to confirm the diagnostic accuracy of the neuro-psychological measures identified in the 2010 study in predicting risk for dementia in those suffering from MCI. A further aim is to improve the diagnostic accuracy of MCI as a dementia predictor.

*CI:* **Summers, M., Klekociuk, S., Saunders, N., Dickson, T., Vickers, J., Robinson, A., Stirling, C., Summers, J.**

# Goal Area 3

## Investigating the Biological Basis of Dementia

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*Objective: To undertake research into the causes of dementia and to develop platform technologies and therapeutic strategies to determine new ways to treat dementia in its earliest stages.*

### Biological basis of dementia projects

Significant progress has been made on work investigating the biological basis of dementia and other age related neurodegenerative diseases. In this area we currently employ 2 senior researchers, 4 postdoctoral fellows (3 with independent fellowships), 3 Research Assistants and 2 technical staff, with 5 PhD students and 1 Honours student, in addition to a number of collaborators within the University. We have begun work on two major projects that were the subject of successful NHMRC grants in 2010 and which continue our interest in the role of the axon in neurodegeneration. Work relating to these projects has been presented at international conferences.

*Title:* **Nerve cell responses to Traumatic Brain Injury**

*Synopsis:* This study focusses on how axons respond to damage, with particular reference to both traumatic brain injury and Alzheimer's Disease. We have developed novel cell culture methods for replicating axon injury associated with these conditions and we are studying the reactive and regenerative cellular changes that follow damage to these neuronal processes. These models are also used to investigate new methods to manipulate the response of axons to injury.

*Research team:* **Dickson, T., Vickers, J., Chuckowree, J., Yap, C.**

*Title:* **Causes of neuron degeneration in motor neuron disease**

*Synopsis:* The major form of motor neurone disease is amyotrophic lateral sclerosis (ALS). This degenerative condition involves selective degeneration of motor neurons in the neocortex, brain stem and spinal cord. Using a combination of in vivo and in vitro techniques, and relevant transgenic mouse models and advanced cellular imaging, we investigate the pathological processes underlying motor neuron degeneration, particularly focussing on axonal abnormalities that precede frank neuronal degeneration.

*RT:* **Dickson, T., King, A., Blizzard, C., Vickers, J., Hosie, K.**

*Title:* **Identifying the earliest brain changes associated with Alzheimer's Disease and related dementias**

*Synopsis:* The brain pathology of Alzheimer's Disease emerges many years before overt symptomology appears. Our studies focus on identifying the earliest nerve cell changes that characterise incipient Alzheimer's Disease. Investigations utilise both human brain studies as well as investigations of mice that have been genetically engineered to form  $\beta$ -amyloid plaques. Advanced imaging techniques are used to examine how  $\beta$ -amyloid plaques cause damage to nerve cells, as well as the subsequent cascade of degenerative changes that result in the progressive symptomology of Alzheimer's Disease. The related experimental models serve as a platform to investigate new drugs that may inhibit brain pathology in this condition.

*RT:* **Vickers, J., Dickson, T., King, A., Bibari, O., Mitew, S.**

*Title:* **The neuropathology and cellular mechanisms underlying Parkinson's Disease and Dementia with Lewy Bodies**

*Synopsis:* Parkinson's Disease (PD) is one of the most common neurodegenerative disorders. Its incidence increases steadily with age affecting approximately one per cent of the population at age 65 and up to five per cent by the age of 85. At the time of diagnosis, patients suffer from a range of motor impairments that worsen over time. Pathologically these patients are characterised by the accumulation of a protein known as alpha-synuclein in specific types of nerve cells in their brain. However, the function of this protein is unknown. This research aims to clarify the role of alpha-synuclein in PD and normal CNS function and provide new potential therapeutic targets for the treatment of PD and other neurodegenerative disorders in which oxidative stress, excitotoxicity and central nervous system trauma have been implicated.

*RT:* **Dickson, T., Musgrove, R.**

## Goal Area 4

### Education and Community Engagement

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*Objective: To build dementia research capacity and provide education and training for existing and potential future dementia care workforce.*

The Wicking Centre and UTAS are currently considering the development of an Associate Degree in Dementia Care. This course will offer care workers and others, many of whom who would not traditionally have aspirations to study at university, an attractive and accessible course that will better equip them for their chosen career related to dementia care. It is hoped that the part-time course will be offered from Semester 2 2012 (July), with capacity for flexible (online/distance education) as well as on-campus study.

Collaborative research across disciplines within UTAS is of paramount importance to the research programs of the Wicking Centre. Monthly 'Staff and Student' meetings, post-doctoral dementia research meetings, weekly neuroscience lab meetings and professional staff meetings enable information sharing and smooth running across the varied Wicking Centre projects.

RHD student load for the WDREC

	2008	2009	2010	2011
<b>PhD candidates</b>	9	12	17	16
<b>Masters candidates</b>	2	2	1	0
<b>Honours candidates</b>	1	4	5	5

Wicking Centre staff and students continue to present the findings of their research at national and international conferences. The Wicking Centre's continued collaboration with the Australian Association of Gerontology, DHHS Tasmanian Clinical Networks and TIME for Dementia has resulted in a number of state-wide seminars. Delivered to allied health professionals, researchers and students and the general public, these seminars have disseminated important evidence-based research findings throughout the Tasmanian community.

The bi-annual WDREC Research Fora open to the public continue to be well received, being held in the Medical Sciences Building main lecture theatre. These fora are thoughtfully presented by staff and RHD students to the layperson, with research progress shared from both the neuroscience and the dementia health service development research sectors.

Raising the profile of the Wicking Centre throughout the state has been successful following an advertising campaign and consequent publicity for the Tasmanian Healthy Brain Project through television, radio and cinema, magazines, newspapers and posters. The WDREC website (<http://www.utas.edu.au/wicking>) was viewed 12,288 times since its launch on 17 January 2011 (121 pages). New facilities on our main website include eNewsletters (instituted in September 2011) which are also emailed to over 700 contacts. These carry regular updates on feature projects and profiles of our staff, as well as news and events, and a welcome from the Co-Directors. Additionally, an events calendar provides details of Centre activities.

Two more websites are also available—the Tasmanian Healthy Brain Project (<http://www.utas.edu.au/healthy-brain>), which had 9,612 page views in the last year. This site enables participants to communicate via the MyLO student interaction site and also gives browsers information about what the Tasmanian Healthy Brain Project involves and provides an online Expression of Interest form for potential participants.

The Teaching Aged Care Facilities Program website was established in September 2011 (<http://www.utas.edu.au/teaching-aged-care-facilities>) with a view to providing general details around the project, the research team, and contact information. Most importantly, a 'Resources' facility provides podcast seminars and reference materials for the UTAS students on placement (paramedics, nursing and medical students). A small site, the six pages were viewed 516 times in 2 months.

The success of the Wicking Dementia Research Network, funded initially in 2010 by the UTAS Community Engagement fund, has created greater connectivity between dementia service providers and researchers in the south of the state. With the common ground of working with or for people with dementia, the Network members have a more broad understanding of their field. Thirty-five community organisations make up the Network, including peak bodies such as Alzheimer's Australia Tasmania, Advocacy Tasmania, Aged and Community Services Tasmania and Carers Tasmania, as well as state and federal departmental representatives (DHHS and their subsidiaries and the Department of Health and Ageing). Monthly Network round table meetings offer updates on Wicking Centre projects as well as reports from community organisations and discussion.

Policy development at state and federal level is a crucial avenue in which the Wicking Centre can enable improvement of dementia care service delivery. An important outcome of the Wicking Dementia Research Network was a submission to the Productivity Commission's "Caring for Older Australians" consultative process, with a mention of the Wicking Dementia Research Network in the report itself (2011, p. 467) asking that more resources be invested in dementia research. The report can be downloaded from: <http://www.pc.gov.au/projects/inquiry/aged-care/report>. Professor Andrew Robinson presented the WDREC submission at a public hearing, and the ensuing "Conversations", hosted by the Hon Mark Butler, Minister for Mental Health and Ageing, took place throughout the state in October 2011, with a contribution from Diana Carter in Hobart.

## Research Higher Degree candidates

*Title:* **"Behind the Blue Door"—developing the practices of aged care staff around a palliative approach in a dementia special care unit**  
*PhD candidate:* **Sharon Andrews**  
*Supervisors:* Prof Andrew Robinson, A/Prof Chris Toye,  
Prof Fran McInerney, Dr Camillus Parkinson  
*Funded by:* Southern Cross Care (Tas) Inc & UTAS  
*Period:* **Graduated December 2010**

*Title:* **The response of the mature central nervous system to injury**  
*PhD candidate:* **Catherine Blizzard**  
*Supervisors:* Dr Tracey Dickson, Dr Anna King, Prof James Vickers  
*Funded by:* Masonic Foundation and Tasmanian Postgrad Research Society  
*Period:* **Graduated December 2010**

*Title:* **A longitudinal examination of attention, working memory and executive function deficits in subtypes of Mild Cognitive Impairment**  
*PhD Candidate:* **Nichole Saunders**  
*Supervisor:* Dr Mathew Summers  
*Funded by:* UTAS & WDREC  
*Period:* **Graduated December 2010**

*Title:* **Specialist breast nurses—developing an evidence-base for Tasmanian practice**  
*PhD Candidate:* **Melinda Minstrel**  
*Supervisors:* Dr Clarissa Hughes, Dr Christine Stirling  
*Period:* **2008—submitted October 2011**

*Title:* **Developing nursing practice to meet the needs of persons admitted to acute care With Chronic Obstructive Pulmonary Disease (COPD)—An action research study**  
*PhD candidate:* **Helen Courtney-Pratt**  
*Supervisors:* Prof Andrew Robinson, Dr Richard Wood-Baker  
*Period:* **Graduated December 2010**

*Title:* **The patient journey in Residential Aged Care**  
*PhD Candidate:* **Suanne Lawrence**  
*Supervisors:* Prof Andrew Robinson, Prof Kathy Eagar  
*Period:* 2005—

*Title:* **Rural community development—Discourses, influences, processes and their impact on community members**  
*PhD candidate:* **Heather Brooks**  
*Supervisors:* Dr Peter Orpin, Dr Christine Stirling  
*Period:* 2007—

- Title:* **The quality use of medicines to manage behavioural and psychological symptoms in residential aged care homes**
- PhD candidate:* **Juanita Westbury**
- Supervisors:* Prof Greg Peterson, Prof Andrew Robinson
- Period:* 2007—
- Title:* **The role of the cytoskeleton in the axon response to injury**
- PhD candidate:* **Yao Liu**
- Supervisors:* Dr Jerome Staal, Dr Tracey Dickson, Prof James Vickers
- Funded by:* Merle Weaver PG Research Award & WDREC
- Period:* 2008—
- Title:* **The role of alpha-synuclein in the pathogenesis of Parkinson's disease & dementia associated with Lewy Bodies**
- PhD candidate:* **Ruth Musgrove**
- Supervisors:* Dr Tracey Dickson, Dr Anna King, Prof James Vickers
- Funded by:* APA & WDREC
- Period:* 2008—
- Title:* **Preparing for the ageing population and dementia care: Identifying strategies to enhance service provider capacity**
- PhD candidate:* **Kate-Ellen Elliott (nee Murray)**
- Supervisors:* Dr Jenn Scott, Dr Chris Stirling, Prof Andrew Robinson
- Funded by:* UTAS School of Psychology, WDREC & TIME for Dementia
- Period:* 2009—
- Title:* **Axonal pathology in Alzheimer's disease**
- PhD candidate:* **Stanislaw Mitew**
- Supervisors:* Dr Tracey Dickson, Prof James Vickers, Dr Matthew Kirckaldie
- Funded by:* APA, WDREC & NHMRC grant
- Period:* 2009—
- Title:* **Consumer-centred approaches to health care needs and choices for the older person**
- PhD candidate:* **Corinna Dwan**
- Supervisors:* Dr Christine Stirling, Dr Emily Hansen
- Funded by:* UTAS (Elite scholarship)
- Period:* 2010—
- Title:* **Excitotoxicity and axon degeneration in Amyotrophic Lateral Sclerosis**
- PhD candidate:* **Katherine Hosie**
- Supervisors:* Dr Anna King, Dr Tracey Dickson, Prof James Vickers
- Funded by:* APA & WDREC
- Period:* 2010—

*Title:* **Longitudinal profiling of mild cognitive impairment subtypes**  
*PhD candidate:* **Shannon Klekociuk**  
*Supervisors:* Dr Mathew Summers, Prof Jeff Summers, Prof James Vickers  
*Funded by:* UTAS & WDREC  
*Period:* 2010—

*Title:* **Cognitive reserve and ageing: Lifetime and genetic contributions**  
*PhD candidate:* **David Ward**  
*Supervisors:* Prof James Vickers, Dr Mathew Summers  
*Funded by:* UTAS & WDREC  
*Period:* 2011—

## Annual WDREC Research School

### **“A unique learning experience”**

Thirty-five PhD candidates and early career researchers from across Australia gained insight into a number of elements of dementia research at the third Wicking Dementia Research School held in Hobart, 22–24 June 2011.

The Wicking Centre’s Professor James Vickers, Professor Andrew Robinson and Dr Tracey Dickson and Menzies Research Institute Tasmania’s Professor David Small presented their research findings on progress and perspectives in dementia research, alongside Dr Jane Tolman, Senior Geriatrician at the Royal Hobart Hospital, who detailed the clinical journey of dementia.

Practical laboratory sessions were hosted by Dr Rob Gasperini (Menzies) and Dr Jyoti Chuckowree and Dr Anna King introduced participants to primary neuronal cell culture and two-photon imaging. Lectures were given by Dr Jenn Scott on the Carers Care project, and by Associate Professor Roger Chung (Menzies) on cellular aspects of Alzheimer’s disease, Dr Lisa Foa (UTAS School of Medicine) on calcium dynamics in Alzheimer’s disease, Dr Alison Canty (UTAS School of Medicine) on axonal pathology and Associate Professor Inn Chuah (Menzies) on the olfactory system in Alzheimer’s disease.

*Title:* **The Wicking Neurobiology of Dementia Research School**  
*Location:* Hobart, MS1, 17 Liverpool Street, Hobart, Tasmania  
*Date:* 22–24 June 2011  
*Registrants:* 35 PhD candidates and Post-doctoral fellows (national)

## Conference presentations

[Presenter(s) highlighted with \*]

- Title:* **Dementia knowledge of RACF staff and family carers**  
*Conference:* "Islands of Ageing" 43rd AAG National Conference  
*Location:* Hobart, Tas  
*Date:* 17–19 November 2010  
*Authors:* **Robinson, A.\***, Andrews, S., Ashby, M., Leggett, S., McInerney, F., Stirling, C., Toye, C.
- Title:* **Countering stagnation in a complex environment: Shoring up professional identity among aged care assessors**  
*Conference:* "Islands of Ageing" 43rd AAG National Conference  
*Location:* Hobart, Tas  
*Date:* 17–19 November 2010  
*Authors:* **Leggett, S.\***, Churchill, B., Doherty, K., Robinson, A., Stirling, C.
- Title:* **Palliative care educational needs analysis: Issues identified for aged care staff**  
*Conference:* "Islands of Ageing" 43rd AAG National Conference  
*Location:* Hobart, Tas  
*Date:* 17–19 November 2010  
*Authors:* McInerney, F.\*, Andrews, S., Ashby, M., Leggett, S., Robinson, A., Stirling, C., Toye, C.
- Title:* **Crossing boundaries: Implementing a palliative approach for people with dementia in aged care**  
*Conference:* "Islands of Ageing" 43rd AAG National Conference  
*Location:* Hobart, Tas  
*Date:* 17–19 November 2010  
*Authors:* **Andrews, S.\***, McInerney, F., Parkinson, C., Robinson, A., Toye, C.
- Title:* **Design for dementia: Sustainability and human wellbeing**  
*Conference:* 44th Annual Conference of the Architectural Science Association, ANZAScA  
*Location:* Unitec Institute of Technology, Auckland  
*Date:* November 2010  
*Authors:* Fay, R.\*, Fleming, R., **Robinson, A.**
- Title:* **Selective Vulnerability of a Sub-Population of Cortical Neurons to Alzheimer's Disease Pathology (Poster no. 506)**  
*Conference:* 10th International Conference on Alzheimer's & Parkinson's Diseases  
*Location:* Barcelona, Spain  
*Date:* 9–13 March 2011  
*Authors:* **Mitew, S.\***, Vickers, J., Dickson, T.

*Title:* **Residential Aged Care Facilities in Australia & Northern Europe: Built Environment for Special Purposes**  
*Conference:* Institute of Gerontology Conference  
*Location:* Universiti Putra Malaysia, Kuala Lumpur  
*Date:* 4 May 2011  
*Authors:* Fay, R.\* , Fleming, R., **Robinson, A.**

*Title:* **"She's still fit... it's the mind that's haywire"... Family understandings of dementia as a life limiting condition (poster)**  
*Conference:* Death Down Under Inaugural National Conference  
*Location:* Sydney, NSW  
*Date:* 27–28 June 2011  
*Authors:* McInerney, F., **Andrews, S.\***, Donohue, C., Toye, C., **Robinson, A.**

*Title:* **Exometabolomics reveals increased glycolysis in cultured neurons lacking alpha-synuclein**  
*Conference:* 7<sup>th</sup> International Conference of the Metabolomics Society  
*Location:* Cairns, Australia  
*Date:* June 2011  
*Authors:* Edwards, L.M, Musgrove, R., King, A., DeMeyer, T., Horne, J., **Dickson, T.\***

*Title:* **Knowledge translation: An overview**  
*Conference:* NHMRC/Alzheimer's Australia: Translating Dementia Care Research into Better Practice  
*Location:* Canberra, ACT  
*Date:* 5 July 2011  
*Authors:* **Andrews, S.**

*Title:* **Developing a novel platform for studying, in vivo, the neural response to traumatic brain injury**  
*Conference:* 8<sup>th</sup> World Congress of IBRO  
*Location:* Florence, Italy  
*Date:* July 2011  
*Authors:* **Chuckowree, J.\***, **Dickson, T.**

*Title:* **Site-specific excitotoxicity and axonal degeneration in amyotrophic lateral sclerosis**  
*Conference:* 8<sup>th</sup> World Congress of IBRO  
*Location:* Florence, Italy  
*Date:* July 2011  
*Authors:* **Blizzard, C.\***, **Hosie, K.**, **King, A.**, **Dickson, T.**

- Title:* **Alpha-synuclein protects neurons from oxidative stress downstream from free-radical production and scavenging**
- Conference:* 8<sup>th</sup> World Congress of IBRO
- Location:* Florence, Italy
- Date:* July 2011
- Authors:* **Musgrove, R.E.J.\*, King, A.E., Dickson, T.C.**
- 
- Title:* **Telephone delivered health mentoring for people with Chronic Obstructive Pulmonary Disease in Tasmania is feasible and effective in supporting adoption of positive health behaviour changes (poster)**
- Conference:* 2011 Primary Health Care Research Conference
- Location:* Brisbane, Qld
- Date:* 13–15 July 2011
- Authors:* Walters, J., Cameron-Tucker, H., Courtney-Pratt, H., Wood-Baker, R., **Robinson, A.\***, Scott, J., Turner, P., Nelson, M., Walters, E.H.
- 
- Title:* **Comprehensive neuropsychological assessment can differentiate between adults with MCI who develop Alzheimer’s Dementia from those who recover**
- Conference:* Alzheimer’s Association International Conference 2011
- Location:* Paris, France
- Date:* 16–21 July 2011
- Authors:* **Summers, M.J.\***, Saunders, N.L.J.
- 
- Title:* **From Care to Cure: The Beginnings of Success**
- Conference:* Inaugural Research Australia’s “Philanthropy for Health and Medical Research” Conference
- Location:* Sydney
- Date:* 29–30 August 2011
- Authors:* **Carter, D., Stirling, C.**, Zolnierkiewicz, T. (ANZ Trustees)
- 
- Title:* **Misunderstanding dementia: Key challenges for the ageing work force in managing the dementia epidemic**
- Conference:* 7<sup>th</sup> Annual Australia’s Ageing Population Summit 2011: Working towards a consumer focused system for the ageing population
- Location:* Melbourne, Vic
- Date:* September 2011
- Authors:* **Robinson, A.**
- 
- Title:* **A dementia/palliative approach education program for RACF staff – Building on staff experience**
- Conference:* 9<sup>th</sup> Asia/Oceania Regional Congress of Gerontology & Geriatrics (IAGG)
- Location:* Melbourne, Victoria
- Date:* October 2011
- Authors:* **Leggett, S.\***, Stirling, C., Andrews, S., McInerney, F., Donohue, C., Toye, C., Ashby, M., **Robinson, A.**

*Title:* **'Ageing well together': Improving care and care continuity for people with dementia and their family carers**  
*Conference:* 9<sup>th</sup> Asia/Oceania Regional Congress of Gerontology & Geriatrics (IAGG)  
*Location:* Melbourne, Victoria  
*Date:* October 2011  
*Authors:* **Stratton, B. \*, Robinson, A.,** Toye, C., Horner, B., **Andrews, S.,** Jiwa, M., Slater, D., McInerney, F.

*Title:* **Mind over matter? Carers' construction of dementia: Implications for care planning**  
*Conference:* 9<sup>th</sup> Asia/Oceania Regional Congress of Gerontology & Geriatrics (IAGG)  
*Location:* Melbourne, Victoria  
*Date:* October 2011  
*Authors:* McInerney, F. \*, **Robinson, A., Andrews, S.,** Donohue, C., **Leggett, S., Stirling, C.,** Toye, C., Ashby, M.

*Title:* **Developing tools for knowledge translation**  
*Conference:* 9<sup>th</sup> Asia/Oceania Regional Congress of Gerontology & Geriatrics (IAGG)  
*Location:* Melbourne, Victoria  
*Date:* October 2011  
*Authors:* **Stirling, C. \*, Andrews, S.,** McInerney, F., **Robinson, A., Leggett, S.,** Toye, C., Donohue, C., Ashby, M.

*Title:* **Aged care staff and family carers' knowledge of dementia**  
*Conference:* 9<sup>th</sup> Asia/Oceania Regional Congress of Gerontology & Geriatrics (IAGG)  
*Location:* Melbourne, Victoria  
*Date:* October 2011  
*Authors:* **Robinson, A. \*, Stirling, C.,** McInerney, F., **Andrews, S., Leggett, S.,** Donohue, C., Toye, C., Ashby, M.

*Title:* **Establishing and trialling Dementia Palliative Care Resource Nurse (DPRN) roles to facilitate the delivery of a palliative approach for people with dementia (poster)**  
*Conference:* 9<sup>th</sup> Asia/Oceania Regional Congress of Gerontology & Geriatrics (IAGG)  
*Location:* Melbourne, Victoria  
*Date:* October 2011  
*Authors:* **Andrews, S. \*,** McInerney, F., **Leggett, S.,** Donohue, C., **Stirling, C.,** Toye, C., Ashby, M., **Robinson, A.**

*Title:* **Workshop: Understanding an action research project in an aged care context**  
*Conference:* 9<sup>th</sup> Asia/Oceania Regional Congress of Gerontology & Geriatrics (IAGG)  
*Location:* Melbourne, Victoria  
*Date:* October 2011  
*Authors:* **Robinson, A.\***, Dow, B., **Andrews, S.\***, Haralambous, B.

*Title:* **In vitro and in vivo models of Neurotrauma and Neurodegenerative disease**  
*Conference:* 2nd National Neurotrauma Symposium  
*Location:* Hobart, Tasmania  
*Date:* October 2011  
*Authors:* **Dickson, T.**

*Title:* **What people want as they age**  
*Conference:* Ageing and ICT Development Symposium  
*Location:* Melbourne, Vic  
*Date:* October 2011  
*Authors:* **Robinson, A.**

## Community partner sponsorship by WRDEC

*Title:* **Tasmanian Aged Care Awards—Education and Training Award**  
*Location:* State-wide  
*Date:* 2011  
*Sponsorship:* \$3,300  
*Public awareness:* WRDEC cited in promotional media in press advertisements, online website and printed brochures circulated state-wide. The Awards Evening will be held on 1 December 2011 in the Henry Jones Art Hotel, Hobart.

## Media coverage—print, radio, television and online

- Title:* **UTAS Healthy Brain Project**  
*Date:* December 2010  
*Medium:* Healthlinx (UTAS Faculty of Health Science 8 page printed journal)
- Title:* **UTAS Healthy Brain Project**  
*Date:* 17/01/11–30/01/11  
*Medium:* TV–advertising (Southern Cross and WIN)
- Title:* **Front Page Healthy Brain Advert**  
*Date:* March–June 2011  
*Medium:* UTAS webpage
- Title:* **Healthy Brain Study: Help the puzzle of dementia while you study**  
*Date:* 2 June 2011  
*Medium:* UTAS Weekly Bulletin (UTAS staff newsletter)
- Title:* **Healthy Brain Advert (Question 12: Complete the sequence)**  
*Date:* Winter Edition 2011  
*Medium:* Prime Times Tasmania, p3
- Title:* **Aged Care Awards: Individual and group efforts awarded**  
*Date:* Winter Edition 2011, Issue 23  
*Medium:* Prime Times Tasmania
- Title:* **Centre predicts Dementia Increase**  
*Date:* Winter Edition 2011, Issue 24  
*Medium:* Prime Times Tasmania  
*Author:* **Diana Carter**
- Title:* **Drivers of Change in Residential Aged Care**  
*Date:* Winter 2011, p7  
*Medium:* Agendas  
*Author:* **Andrew Robinson**
- Title:* **Nurse-Led Memory Clinic Launch**  
*Date:* 28/6/2011  
*Medium:* ABC radio
- Title:* **Nurse-Led Memory Clinic Launch publicity**  
*Date:* 28/6/2011  
*Medium:* WIN TV News, SCTV News, HO FM News (12pm, 1pm) 7LA News (12pm)
- Title:* **Early help for memory loss**  
*Date:* 30/6/2011  
*Medium:* Hobart Mercury, p10
- Title:* **Early diagnosis for memory loss**  
*Date:* 1/8/2011  
*Medium:* Nursing Review, p9

*Title:* **Healthy Brain Project in Circular Head, Tas**  
*Date:* 16 and 17/8/2011  
*Medium:* Circular Head Chronicle and Burnie Advocate

*Title:* **Federal funding for Healthy Brain Project**  
*Date:* 16/9/2011  
*Medium:* ABC 1 News (Hobart)

*Title:* **Busy brains avoid dementia**  
*Date:* 17/9/2011  
*Medium:* Hobart Mercury, p25

*Title:* **Million dollar grant for brainy project**  
*Date:* 17/9/2011  
*Medium:* ABC News 24 (Melbourne), (Regional NSW), (Brisbane), (Adelaide), (Perth), (Regional Queensland), (Hobart), (Canberra), (Regional Victoria)

*Title:* **Million dollar grant for brainy project**  
*Date:* 19/9/2011  
*Medium:* ABC 936 Hobart radio "Afternoons with Michael Veitch"

*Title:* **Million dollar grant for brainy project**  
*Date:* 20/9/2011  
*Medium:* Campus Daily Australia ([www.campusdaily.com.au](http://www.campusdaily.com.au))

*Title:* **Brains get a work out at university**  
*Date:* 25/9/2011  
*Medium:* Launceston Sunday Examiner, p3

*Title:* **Talks on dementia research**  
*Date:* Summer 2011  
*Medium:* Prime Times magazine

*Title:* **Dementia: From Care to Cure**  
*Date:* 1-7/10/2011  
*Medium:* The Seniors Week magazine, pp23, 24

*Title:* **Opportunities for students in aged care**  
*Date:* 6/10/2011  
*Medium:* Launceston Examiner, p16

*Title:* **The future of aged care**  
*Date:* 8/10/2011  
*Medium:* Campus Daily Australia ([www.campusdaily.com.au](http://www.campusdaily.com.au))

*Title:* **Monthly scrolling stories—Wicking Centre and Tas Healthy Brain**  
*Date:* Aug/Sept/Oct 2011  
*Medium:* UTAS home page ([www.utas.edu.au](http://www.utas.edu.au))

## Wicking Education and Community Engagement Program

*Title:* **Wicking Research Forum (2) 2010**  
*Location:* Medical Sciences Lecture Theatre, Hobart  
*Date:* 10 December 2010  
*Speakers:* Dr Mathew Summers, Dr Jerome Staal, Prof Jeffrey Summers, Catherine Blizzard, Stan Mitew, Prof Andrew Robinson. Panel discussion: Dr Christine Stirling, Dr Jane Tolman (Geriatrician), Anthony Speed (DoHA)  
*Attendees:* 57

*Title:* **AAG/Wicking Productivity Commission's Discussion Report on Caring for Older Australians—the good, the bad, and the ugly!**  
*Location:* CCAMLR, 181 Macquarie Street, Hobart  
*Date:* 31 March 2011  
*Speakers:* ANF representative, Darren Mathewson, Dr Christine Stirling  
*Attendees:* 44 (Researchers, students and workforce professional)

*Title:* **Dementia Care Dialogues—Family Information Session**  
*Location:* Carers Tas, North Hobart; Southern Cross Care (Tas) Inc, New Town  
*Date:* 12 May and 22 June 2011  
*Speaker:* Dr Jane Tolman  
*Attendees:* 16; 20 (Family members)

*Title:* **Healthy Brain talk**  
*Location:* Rotary, Burnie  
*Date:* 16 May 2011  
*Speaker:* Dr Carolyn King  
*Attendees:* 25 (Seniors)

*Title:* **Supporting or Undermining the Self-esteem of People with AD**  
*Location:* MS1, Hobart  
*Date:* 26 May 2011  
*Speaker:* Professor Steven Sabat, Psychologist, Georgetown Uni, Washington DC  
*Attendees:* 68 (Health care professionals, researchers, students)

*Title:* **AAG/Wicking Healthy Ageing and the Brain: How to Prevent Dementia**  
*Location:* Menzies Research Institute Tasmania, Lecture Theatre  
*Date:* 15 June 2011  
*Speakers:* Prof James Vickers, Dr Mathew Summers, Kelly Limbrick, Sheila Given  
*Attendees:* 91 (Community members, researchers & workforce professionals)

*Title:* **Healthy Brain Information Session**  
*Location:* Sandy Bay campus, UTAS  
*Date:* 17 June 2011  
*Speaker:* Prof James Vickers  
*Attendees:* 25 (Seniors)

*Title:* **Healthy Brain Information Session**  
*Location:* Newnham campus, UTAS  
*Date:* Monday 20 June 2011  
*Speaker:* Dr Mathew Summers  
*Attendees:* 9 (Seniors)

*Title:* **The Wicking “Neurobiology of Dementia” Research School**  
*Location:* UTAS Medical Science Precinct  
*Date:* 22–24 June 2011  
*Speakers:* Prof James Vickers, Prof Andrew Robinson, Prof David Small, Dr Jenn Scott, Dr Jane Tolman, Dr Rob Gasperini, Dr Jyoti Chikowree, Dr Tracey Dickson, A/Prof Roger Chung, Dr Lisa Foa, Dr Alison Canty, A/Prof Inn Chuah  
*Attendees:* 38 (Researchers and students)

*Title:* **Wicking Research Forum 2011**  
*Location:* Medical Sciences Lecture Theatre  
*Date:* 24 June 2011  
*Speakers:* Dr Jenn Scott, A/Prof Inn Chuah, Dr Tracey Dickson  
*Attendees:* 48

*Title:* **Healthy Brain talk**  
*Location:* U3A, Rosny LINC  
*Date:* 27 June 2011  
*Speaker:* Dr Carolyn King  
*Attendees:* 20 (Seniors)

*Title:* **Healthy Brain talk**  
*Location:* U3A, Kingston; U3A Glenorchy  
*Date:* 30 June and 1 July 2011  
*Speaker:* Diana Carter  
*Attendees:* 52; 29 (Seniors)

*Title:* **The Guiding Options for Living with Dementia (GOLD) Book**  
*Conference:* Dementia: Helping Carers along the Journey  
(study day provided by Commonwealth Respite and Carelink Centre)  
*Location:* Launceston  
*Date:* 14 July 2011  
*Speaker:* Sharon Andrews

*Title:* **Talking about dementia and dying—working with aged care staff and family members to open a dialogue**  
*Conference:* Dementia: Helping Carers along the Journey study day (Commonwealth Respite and Carelink Centre)  
*Location:* Launceston  
*Date:* 14 July 2011  
*Speaker:* Chris Stirling

*Title:* **Healthy Brain talk**  
*Location:* Rotary, Salamanca  
*Date:* 26 July 2011  
*Speaker:* Diana Carter  
*Attendees:* 34 (All ages)

*Title:* **Dementia (Stages and Care) and Healthy Brain talk**  
*Location:* Rosny LINC  
*Date:* 16 August 2011  
*Speakers:* Dr Jane Tolman and Diana Carter  
*Attendees:* 59 (Seniors)

*Title:* **Healthy Brain talk**  
*Location:* Rotary, Hobart  
*Date:* 18 August 2011  
*Speaker:* Diana Carter  
*Attendees:* 37 (All ages)

*Title:* **Healthy Brain talks**  
*Location:* Smithton Rural Health and Smithton Soroptimists (NW Tasmania)  
*Date:* 25 August 2011  
*Speaker:* Diana Carter  
*Attendees:* 22 (Seniors) and 36 (all ages)

*Title:* **End of Life and Dementia**  
*Location:* Ulverstone, Launceston and Hobart  
*Date:* 24, 25 and 26 August 2011  
*Providers:* DHHS Clinical Network and WDREC and AAG Tas  
*Speakers:* Prof Michael Ashby, **Dr Sharon Andrews**, Dr Robyn Brogan,  
Yvonne Kromkamp, Judith Harris  
*Attendees:* 92

*Title:* **Healthy Brain talk**  
*Location:* U3A, Taranna, Tas  
*Date:* 21 September 2011  
*Speaker:* Diana Carter  
*Attendees:* 34 (Seniors)

*Title:* **Healthy Brain talk**  
*Location:* Rosny LINC  
*Date:* 4 October 2011  
*Speaker:* Diana Carter  
*Attendees:* 40 (Seniors)

*Title:* **Healthy Brain talk**  
*Location:* Hobart LINC  
*Date:* 5 Oct 2011  
*Speaker:* Dr Carolyn King  
*Attendees:* 10 (Seniors)

*Title:* **Dementia: From care to cure**  
*Location:* Medical Sciences 1, Hobart  
*Date:* 6 Oct 2011  
*Speakers:* Prof James Vickers, Dr Carolyn King, Dr Sharon Andrews and  
Dr Tracey Dickson  
*Attendees:* 100 (Public and researchers and students)

# Funding

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Further to the Wicking Trust funding of \$300,000 per annum, contributions to support infrastructure and on-costs of the WDREC are provided on an annual basis for five years (2008–2012) by the Department of Health and Human Services Tasmania (\$50,000) and \$150,000 from UTAS.

## Funding received in 2011

- Title:* **The Tasmanian Healthy Brain Project**  
*CIs:* **Vickers, J., Summers, M.,** Valenzuela, M., Summers, J.J., Ritchie, K., **Dickson, T., Robinson, A.**  
*Funding:* \$1,031,442–NHMRC (2011 for five years)
- Title:* **The Tasmanian Healthy Brain Project**  
*CIs:* **Vickers, J., Summers, M.,** Valenzuela, M., Summers, J.J., Ritchie, K., **Dickson, T., Robinson, A.**  
*Funding:* \$50,000–UTAS Internally funded strategic initiatives (2011)
- Title:* **Living alone with dementia**  
*CIs:* **Stirling, C., Lloyd B.,** Brown, H., Hardaker, K.  
*Funding:* \$100,000–DHHS Tas HACC (2011–2012)
- Title:* **Timely diagnosis—Nurse Led Memory Clinic**  
*CIs:* **Stirling, C., Ryan, H.,** Morrissey, M.  
*Funding:* \$44,469—The Mason Foundation, Judith Jane Mason & Harold Stannett Williams (2011)
- Title:* **Establishing Teaching Aged Care Facilities to provide quality inter-professional clinical placements in aged care: Aged Care Nursing Clinical Placements**  
*CIs:* **Robinson, A., Lea, E.,** Bramble, M., Jones, J., **Andrews, S.,** Marlow, A., McInerney, F., Fassett, D.  
*Funding:* \$333,617–Department of Health and Ageing (Oct 2011–June 2013)
- Title:* **Carers Care**  
*CIs:* **Scott, J., Sanderson, K., Stirling, C., Robinson, A.,** Croft, T., **Vickers, J., Murray, K.,** Tsinoglou, M.  
*Funding:* \$112,000–DHHS Tas HACC (2011)
- Title:* **Care of Older Persons with Dementia in hospital: A case study**  
*CIs:* Courtney-Pratt, H., **Robinson, A.,** FitzGerald, M., Ford, K.  
*Funding:* \$9,733—UTAS Faculty of Health Science (2011)

- Title:* **Continuity of Care for People with Dementia: information transfer between Residential Aged Care Facilities and Acute Care Settings**
- CIs:* Courtney-Pratt, H., **Robinson, A.**, FitzGerald, M., Ford, K., Campbell, B.
- Funding:* \$9,000—UTAS Faculty of Health Science (2011)
- Title:* **Teaching Aged Care Facilities Program (Development of curriculum content for a clinical placement in the palliative care of people with dementia)**
- CIs:* **Robinson, A., Andrews, S., Lea, E., McInerney, F.**
- Funding:* \$40,000—Victorian and Tasmanian Dementia Training Centre (2011)
- Title:* **Exploring the benefits of respite care for care recipients**
- CIs:* **Stirling, A., Andrews, S., Dwan, C.**
- Funding:* \$19,155—Glenview Community Services Inc, Hobart, Tasmania (2011)
- Title:* **Facilitating dementia diagnosis with community based nurses and ACAT assessors**
- CIs:* **Robinson, A., Tolman, J., Stratton, B.**
- Funding:* \$90,000—Dementia Training Study Centre/TIME (2011)
- Title:* **Evaluation of GP education program—"Diagnosing Dementia"**
- CIs:* **Robinson, A., Tolman, J., Stratton, B.**
- Funding:* \$90,000—Victorian and Tasmanian Dementia Training Centre (2011)
- Title:* **The future of aged care nurse practitioners: Developing & testing an innovative combined health service & independent practice model**
- CIs:* Stirling, C., **Robinson, A., Ryan, H., Morrisey, M.**
- Funding:* \$600,000—DoHA (2011 for three years)
- Title:* **Promoting positive staff–family relationships in residential aged care**
- CIs:* **Andrews, S.**
- Funding:* \$124,000—NHMRC TRIP Fellowship (Jan 2011–Dec 2012)
- Title:* **Student & Equipment support for Neurodegenerative Disease Research**
- CIs:* **Dickson, T.**
- Funding:* \$300,000—Tasmanian Masonic Centenary Research Foundation (2011–2014)
- Title:* **The Inhibition of Malignant Glioma Proliferation using Novel Taxol-like Derivatives capable of crossing the Blood Brain Barrier**
- CIs:* **Dickson, T., Staal, J.**
- Funding:* \$14,000—Cancer Council (2011–2012)

*Title:* **Determining novel biomarkers of nerve cells undergoing secondary degeneration following traumatic brain injury**  
*CIs:* **Dickson, T., Staal, J.**  
*Funding:* \$22,000—Motor Accident and Insurance Board (2011–2012)

*Title:* **Alzheimer's Australia Research Fellowship—Myelin loss in AD**  
*CIs:* **King, A.**  
*Funding:* \$90,000 (2011–2012)

*Title:* **Focal demyelination in Alzheimer's disease**  
*CIs:* **Vickers, J., Dickson, T., Staal, J., West, A.**  
*Funding:* \$322,520—NHMRC (2011 for three years)

*Title:* **The role of excitotoxicity in mediating distal axonal degeneration in ALS**  
*CIs:* **Dickson, T., Vickers, J., Chung, R., King, A.**  
*Funding:* \$379,034—NHMRC (2011 for three years)

## Ongoing funding

(funding received prior to 1 November 2010)

*Title:* **Bill Gole Motor Neuron Disease Research Institute of Australia Post-doctoral Fellowship**  
*Fellow:* **Blizzard, C.**  
*Funding:* \$120,000—Bill Gole MND RIT (2010–2012)

*Title:* **Opening a dialogue: Improving communication and practice in advance care and end of life care planning**  
*CIs:* **Ashby, M., Robinson, A., Andrews, S., Stirling, C., Toye, C., McInerney, F.**  
*Funding:* \$ 593,119—DoHA Local Palliative Care Grants Program, Round Five (Completed August 2011)

*Title:* **A Lab on a Chip for Stressing Neurons**  
*CIs:* **Guilt, R., Dickson, T., Breadmore, M., King, A.**  
*Funding:* \$19,956—UTAS Cross Theme Grant (with School of Chemistry) (2011)

*Title:* **Community of Practice: Developing and testing a strategy to enhance a palliative approach and care continuity for people who have dementia**  
*CIs:* **Toye, C., Horner, B., Jiwa, M., Holloway, K., Robinson, A., Andrews, S., Slater, D., McInerney, F., Abbey, J., Ashby, M.**  
*Funding:* \$580,820—DoHA Local Palliative Care Grants Program Round Five (Completed August 2011)

- Title:* **Wicking Dementia Research Network**  
*CIs:* **Vickers, J., Carter, D., Stirling, C.**  
*Funding:* \$5,600—University of Tasmania Community Engagement Fund
- Title:* **Dementia Training Centre for Health Professionals (Victorian and Tasmanian Dementia Training Centre)**  
*CIs:* Nay, R., Disler, P., Gibson, S., **Robinson, A.**, Koch, S., Murray, M., Moore, L., Slater, D.  
*Funding:* \$200,000 (of \$2,283,374—DoHA (March 2010–March 2013))
- Title:* **Visualising the brain's response to trauma as it happens: Working towards improved outcomes after traumatic brain injury**  
*CIs:* **Chuckowree, J., Dickson, T.**  
*Funding:* \$62,000—MAIB Injury Prevention & Management Foundation (2010–2011)
- Title:* **Determining the cellular mechanism underlying diffuse axonal injury**  
*CIs:* **Vickers, J., Dickson, T.**  
*Funding:* \$385,125—NHMRC (2009–2011)
- Title:* **Redefining the metallothionein's role in the injured brain: Extracellular metallothioneins play an important role in astrocyte-neuron responses to injury**  
*CIs:* Chung, R., Chuah, M.I., **Vickers, J.**, West, A.  
*Funding:* \$561,140—ARC Discovery Grant (2009–2013)
- Title:* **Understanding the mechanisms underlying neurological disorders associated with aging (Inaugural Tasmanian Masonic Centenary Foundation Fellowship)**  
*Fellow:* **Staal, J.**  
*Funding:* \$300,000—TMCFF (2009–2011)
- Title:* **Evaluation of a multidimensional cognitive enhancement training program for healthy older adults**  
*CIs:* Summers, J., Elder, S.J., **Summers, M., Vickers, J.**  
*Funding:* \$281,794—Australian Research Council Linkage Grant (2009–2012)
- Title:* **Development and evaluation of an innovative self-help coping program for dementia care givers (Carers Care)**  
*CIs:* **Scott, J., Croft, T., Robinson, A., Vickers, J., Sanderson K.**  
*Funding:* \$422,810—DHHS Tasmania (HACC Unit) (2009–2011)

## Wicking Centre associated funding

*Title:* **Breathe Well: A Centre for Research Excellence (CRE) in chronic respiratory disease and lung ageing**

*Summary:* The CRE is associated with the Wicking Centre as Professor Robinson as a CI and will collaborate with CRE Chief Investigators to undertake research to investigate the respiratory status of people with dementia in residential age care facilities in 2012 and beyond.

*CI:* Walters, E., Wood-Baker, R., Reid, D., Dharmage, S., **Robinson, A.**, Peterson, G., Nelson, M., Johns, D., Cooley, M., Blizzard, C. L.

*Funding:* \$2,439,687.00—NHMRC

*Timeline:* 2011–2015

*Title:* **Defining the desirable characteristics of physical environments for the delivery of support and care to people in the final stages of dementia**

*Summary:* To identify a set of principles that can be applied to the design of environments that support people with dementia through the final stages of their lives and assist staff to deliver high quality care.

*CI:* Fleming, R., **Robinson, A.**, Fay, R., Kelly, F.

*Funding:* \$20,000—DCRC

*Timeline:* 2011–2012

*Title:* **The Dementia Enabling Environments Project (DEEP)**

*Summary:* This project proposes an interconnected suite of initiatives to inform, educate and support the development and implementation of enabling environments in order to make significant differences to the quality of life of people living with dementia.

*CI:* Burton, J. (AA WA), Fleming, R., Fay, R., Beattie, E. (QUT), Horner, B. (Curtin University)

*Funding:* \$250,000—National Quality Dementia Care Initiative Project, Alzheimer's Australia

*Timeline:* 2011–2013

## Publications

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WDREC publication output is increasing, in both quality and quantity, with 18 published this year. We also continue to publish in practitioner journals in order to assist dissemination of results and build workforce capacity and competence.

**Blizzard, C.A., Chuckowree, J.A., King, A.E., Hosie, K.A., McCormack, G.H., Chapman, J.A., Vickers, J.C., Dickson, T.C.** (2011) Focal damage to the adult rat neocortex induces wound healing accompanied by axonal sprouting and dendritic structural plasticity. *Cerebral Cortex* 21: 281-291.

Chung, R.S., Howelss, C., Eaton, E.D., Shabala, L., Zovo, K., Palumaa, P., Sillard, R., Woodhouse, A., Bennett, W.R., Ray, S., **Vickers, J.C.**, West, A.K. (2010) The native copper- and zinc-binding protein metallothionein blocks copper-induce Abeta aggregation and toxicity in rat cortical neurons. *PLoS One* 5: e12030.

Cummings, E., Maher, R., Showell, C.M., Croft, T., Tolman, J., **Vickers, J., Stirling, C., Robinson, A.**, Turner, P. (2011) Hospital coding of Dementia: is it accurate? *Health Information Management Journal* 40(3): 5-11.

Haines, T., Nitz, J., Grieve, J., Barker, A., Moore, K., Hill, K., Haralambous, B., **Robinson, A.** Cost of falls: a potentially misleading indicator of burden of disease in health and residential care settings. *Journal of Evaluation in Clinical Practice*. (In press: accepted 13/08/11)

**Lloyd, B.T., Stirling, C.** (2011) Ambiguous gain: uncertain benefits of service use for dementia carers, *Sociology of Health and Illness: A Journal of Medical Sociology* 33(6): 899-913.

Moore, K., Hill, K., **Robinson, A.**, Haines, T., Haralambous, B., Nitz J. The state of physical environments in Australian residential aged care facilities. *Australian Health Review* (In press: accepted 29/03/11).

Ng, J.M., Chen, M.J., Leung, J.Y., Peng, Z.F., Manikandan, J., Qi, R.Z., Chuah, M.I., West, A.K., **Vickers, J.C.**, Lu, J., Cheung, N.S., Chung, R.S. (2011) Transcriptional insights on the regenerative mechanics of axotomized neurons in vitro. *J Cell Mol. Med* (In press).

Pountney, D.L., **Dickson, T.C.**, Power, J.H., **Vickers, J.C.**, West, A.J., Gai, W.P. (2011) Association of metallothionein-III with oligodendroglial cytoplasmic inclusions in multiple systems atrophy. *Neurotoxicity Research* 19: 115-122.

**Robinson, A.**, Emden, C., Croft, T., **Vosper, G.**, Elder, J., **Stirling, C., Vickers, J.** Mixed methods data collection in dementia research: A 'Progressive

Engagement' approach. *Journal of Mixed Methods Research* (In press: accepted 16/05/11).

**Robinson, A.**, Hemmings, L., **Lea, E.**, **Vosper, G.**, McCann, D., Weeding, F., Rumble, R. (2011) Seeking respite: Issues around the use of day respite care for the carers of people with dementia. *Ageing and Society* (In press: accepted 09/02/11).

**Saunders, N.L.J., Summers, M.J.** (2011). Longitudinal deficits to attention, executive and working memory in subtypes of Mild Cognitive Impairment. *Neuropsychology* 25(2): 237-248.

**Saunders, N.L.J., Summers, M.J.** (2010). How stable is the Mild Cognitive Impairment (MCI) classification? The Abstracts of the 15th Annual Conference of the APS College of Clinical Neuropsychologists; Combined Abstracts of 2010 Psychology Conferences: 68.

**Staal, J.A., Vickers, J.C.** (2011) Selective vulnerability of non-myelinated axons to stretch injury in an in vitro co-culture system. *Journal of Neurotrauma* 28: 841-847.

**Staal J.A., Alexander S.R., Liu Y., Dickson T.C., Vickers J.C.** (2011) Characterization of Cortical Neuronal and Glial Alterations during Culture of Organotypic Whole Brain Slices from Neonatal and Mature Mice. *PLoS ONE* 6(7): e22040.

**Stirling, C., Bull, R.** (2011) Collective Agency for Service Volunteers: A Critical Realist Study of Identity Representation. *Administration and Society* 43 (2): 193-215.

**Stirling, C., Kilpatrick, S., Orpin, P.** (2011) A psychological contract perspective to the link between non-profit organizations' management practices and volunteer sustainability., *Human Resource Development International* 14(3): 321-336.

**Summers, M.J., Summers, J.J., White, T.F., Hannan, G.J.** (2011) The effect of occupational exposure to manganese dust and fume on neuropsychological functioning in Australian smelter workers. *Journal of Clinical and Experimental Neuropsychology* 33(6): 692-703.

**Summers, M.J., Saunders, N.J.** (2011) Comprehensive neuropsychological assessment can differentiate between adults with MCI who develop Alzheimer's disease from those who recover. *Alzheimer's & Dementia* 7(4) Suppl 1: S680.

Walters, J.A.E., Courtney-Pratt, H., Cameron-Tucker, H., Nelson, M., **Robinson, A.**, Scott, J., Turner, P., Walters, E.H., Wood-Baker R. (2011) Engaging general practice nurses in chronic disease self-management support in Australia:

insights from a controlled trial in chronic obstructive pulmonary disease. Australian Journal of Primary Health, online 21 October 2011.

Walters J., Walters E., Nelson M., **Robinson A.**, Scott J., Turner P., Wood-Baker R. Factors associated with misdiagnosis of chronic obstructive pulmonary disease in primary care. Primary Care Respiratory Journal 2011 (In press: accepted 22/02/11).

Willis K., **Robinson A.**, Wood-Baker R., Turner P., & Walters E.H. Participating in research – exploring participation and engagement in a study of self management for people with Chronic Obstructive Pulmonary Disease. Qualitative Health Research (In press: accepted 22/02/11).

Wolf, A., Elder, S., **Summers, M.J.**, Tyler, M., Summers, J.J. (2011) Evaluation of a multidimensional cognitive training program for healthy older adults. Alzheimer's & Dementia 7(4) Suppl 1: S266.

# Appendices

## 1. Financial Report 2011

The audited report required by the JO & JR Wicking Trust here below fulfills the requirements of the UTAS reporting protocols. This financial report does not reflect the total core income and expenditure for the period.

Wicking Trust account

UNIVERSITY OF TASMANIA

The JO & JR Wicking Trust

Proposal to establish the Wicking Dementia Research and Education Centre



**STATEMENT OF INCOME AND EXPENDITURE**  
for the period 1 November 2010 to 31 October 2011

		\$	\$
<b>Income</b>			
	The JO & JR Wicking Trust	<u>300,000.00</u>	300,000.00
<b>Expenditure</b>			
	Salaries & on-costs	223,052.31	
	Travel	247.27	
	Scholarships Post Graduate	<u>4,545.45</u>	
			<u>227,845.03</u>
<b>Surplus / (Deficit)</b>			<u>72,154.97</u>
	Balance at 31 October 2010		48,966.41
	<b>Balance at 31 October 2011</b>		<u><u>121,121.38</u></u>

**Certification**

I certify that this report has been prepared in accordance with information held in the University's Financial Management System.

  
.....  
Tricia Minck  
Manager Financial Accounting  
University of Tasmania

10-11-11  
Date

Ref: 30601

## 2. Wicking Centre Advisory Committee 2011

The following table lists current membership of the Wicking Centre Advisory Committee.

Chair	Prof Denise Fassett	UTAS Head, School of Nursing and Midwifery
Member	Ms Kim McGowan	President, Alzheimer's Australia Tasmania
Member	Ms Wendy Quinn	Director, Clinical Networks, DHHS Tasmania
Member	Mr Darren Mathewson	CEO, Aged & Community Services Tasmania
Member	Mr Anthony Speed	State Manager, Dept of Health and Ageing
Member	Prof Simon Foote	Director, Menzies Research Institute Tasmania
Member	Prof Paddy Nixon	DVC Research, UTAS
Member	Prof Raymond Playford	Dean of Faculty of Health Science, UTAS
Member	Dr Jane Tolman	Director of Geriatrics and Rehabilitation, Royal Hobart Hospital
<i>In absentia</i>	Ms Teresa Zolnierkiewicz	Head of Philanthropy, ANZ Trustees Ltd.
<i>Ex-officio</i>	Prof Andrew Robinson	Co-Director, WDREC
<i>Ex-officio</i>	Prof James Vickers	Co-Director, WDREC
<i>Ex-officio</i> (Minute secretary)	Mrs Diana Carter	Executive Officer (Strategic Operations)