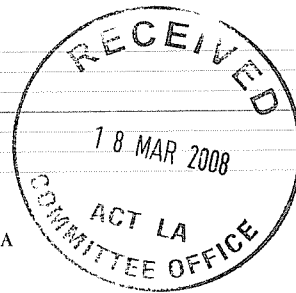
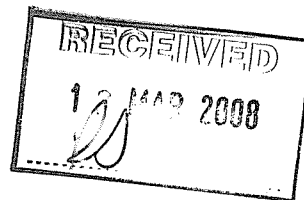


WORKING TO BUILD A HEALTHY AUSTRALIA
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Ms Karin MacDonald MLA
Chair
Standing Committee on Health and Disability
Legislative Assembly for the ACT
GPO Box 1020
CANBERRA ACT 2601



Dear Ms MacDonald

Thank you for the opportunity to update our 2005 submission to the ACT Legislative Assembly's inquiry into Health Sciences in the ACT.

NHMRC provides a range of highly competitive grant scheme to support outstanding health and medical research throughout Australia. Since 2000, ACT researchers have been successful in attracting 104 NHMRC grants worth over \$62.6 million to support research in Canberra. I have attached an overview summary of these grants for your information.

As a testament to the strength of research in the ACT, in 2007 NHMRC awarded Professor Anthony McMichael from the National Centre for Epidemiology and Population Health at the Australian National University a prestigious Australia Fellowship worth \$4 million over 5 years to support his ongoing work on climate change and health.

If you would like any further information about NHMRC grants awarded in the ACT, please contact Mr Phil Callan, Principal Executive Officer, on 6217 9208.

Yours sincerely

Professor Warwick Anderson
Chief Executive Officer

14 March 2008

National Health and Medical Research Council Grants in the ACT (2000-2007)

Name	Funding Type	Simplified Title	Institute	Start Year	Total
Prof Ian A. Clark	Career Awards	INOS, paediatric falciparum malaria, and aspirin	ANU	2001	\$943,217
Dr Hilary S Warren	Career Awards	Receptors & ligands regulating human NK cell proliferation	ANU	2001	\$754,824
Prof Paul S Foster	Program Grants	Regulation of Allergy and Inflammation	ANU	2003	\$4,977,215
Prof Anthony J McMichael	Strategic Awards	Environment and population health: research development from local to global	ANU	2002	\$2,472,500
Dr Alison J Shield	Training Fellowships (Australia)	Functional genomic studies of the human glutathione-S-transferase omega (GSTO) family	ANU	2004	\$285,200
Dr Julien A Cavanaugh	Project Grants	Identification of the genes involved in susceptibility to inflammatory bowel disease	ANU	2004	\$575,581
A/Pr Nicholas A Buckley	Strategic Awards	Reducing deaths from pesticide poisoning - Establishing a regional toxicology research centre.	ANU	2004	\$738,729
Dr Adrian C Sleigh	Strategic Awards	Thal health-risk transition: a national cohort study	ANU	2004	\$1,231,215
Miss Sanchia Shibasaki	Scholarships	The development and practical application of epidemiological skills within Indigenous Health	ANU	2004	\$79,340
Prof Christopher C Goodnow	Enabling Grants	Australian Phenome Bank	ANU	2004	\$1,500,000
A/Pr Surendran Mahalingam	Career Development Awards	The Mechanisms and Alphavirus-induced Arthritis using a Novel Animal Model	UC	2004	\$444,500
Prof Anne-Louise Ponsonby	Project Grants	The role of EBV and HHV-6 viral infection in early multiple sclerosis.	ANU	2005	\$305,800
Dr Shin-Ho Chung	Project Grants	Studies on Ionic Channels of Excitable Membranes	ANU	2005	\$381,000
Dr Shin-Ho Chung	Career Awards	Uncoupled Research Fellowship	ANU	2005	\$649,250
Prof Ian A Hendry	Project Grants	The proteins that carry survival signals from nerve terminals to cell bodies	ANU	2005	\$243,000
Prof Christopher C Goodnow	Project Grants	Identifying new lupus genes in humans using information from mouse mutagenesis	ANU	2005	\$518,500
Prof Frances Shannon	Project Grants	Gene expression and T cells	ANU	2005	\$534,000
Dr David J Tremethick	Project Grants	How does gene packaging control cell growth and specialization?	ANU	2005	\$504,000
Dr Edward M Bertram	Project Grants	CD8+ T cell immunity to viral infections	ANU	2005	\$438,750
A/Pr Greg J Stuart	Project Grants	Actions of acetylcholine on neurons	ANU	2005	\$258,000
Prof Kieran Kirk	Project Grants	The metabolome of the malaria parasite	ANU	2005	\$368,875
Prof Angela F Dulhunty	Project Grants	Splice variants of RyR1 and myotonic dystrophy	ANU	2005	\$258,000
Prof Trevor D Lamb	Project Grants	The first stage of vision, probed with a scanning laser ophthalmoscope	ANU	2005	\$352,000
Dr Gunasegaran Karupiah	Project Grants	How do neutrophils and dendritic cells contribute to the immune response to virus infections	ANU	2005	\$469,500
Dr Joseph G Allin	Project Grants	A novel approach for targeting DNA to dendritic cells for vaccine development	ANU	2005	\$430,250
Dr James RG Butler	Strategic Awards	ACERH- Innovative analyses of health insurance, ageing and the economic burden of illness and injury	ANU	2005	\$4,500,000
Prof Philip G Board	Project Grants	Pharmacogenetic investigations of glutathione transferases	ANU	2005	\$471,000
Prof Christopher C Goodnow	Project Grants	Investigating how a mutation in the Roquin gene causes lupus	ANU	2005	\$721,250
Prof Robert B Saint	Project Grants	Understanding the events that cause epithelial cells to dissociate and become migratory.	ANU	2005	\$409,500
Dr Peter J Butterworth	Project Grants	Welfare receipt, social exclusion and mental health	ANU	2005	\$337,549
Dr Luxin Rui	Training Fellowships (Australia)	The role of the NF-kB pathway in primary mediastinal B cell lymphoma	ANU	2005	\$271,500
Dr Yang Wang	Training Fellowships (Overseas)	Effect of innate immune responses in virus control	ANU	2005	\$293,480
Dr Ljubov Simson	Training Fellowships (Overseas)	Harnessing Th2-mediate immunity in Tumour Immunotherapy and Immunosurveillance	ANU	2005	\$272,438
Ms Sarah C Gill	Scholarships	Workforce participation, mental health and well being in older adulthood	ANU	2005	\$75,093
A/Pr Paul M Kelly	Career Development Awards	Building locally appropriate health systems to deliver TB control programs: bridging the gap between...	ANU	2005	\$348,943
Prof Andrew J Mackinnon	Project Grants	Evaluating and improving the methodological quality of trials of psychotherapy	ANU	2005	\$409,000
Dr Ann M Hughes	Training Fellowships (Overseas)	Epidemiological studies of association between immune deficiency and cancer and sunlight and immune-related disorders	ANU	2006	\$509,268
Dr David J Tremethick	Project Grants	How are our chromosomes packaged?	ANU	2006	\$268,265
Dr Stefan Broeer	Project Grants	Novel Neurotransmitter transporters	ANU	2006	\$490,021
Prof Philip G Board	Project Grants	Investigation of the Omega class of glutathione transferases.	ANU	2006	\$493,765
Dr Mano Lobigs	Project Grants	The role of cell surface glycosaminoglycans in flavivirus biology	ANU	2006	\$318,498
Dr Gavin A Huttley	Project Grants	Identifying the causes of germline mutation	ANU	2006	\$315,914
Prof Arno Mulbacher	Project Grants	Intracellular enzymes limit viral infection	ANU	2006	\$500,009
Dr Nareesh K Verma	Project Grants	Serotype-conversion and bacteriophages of Shigella flexneri	ANU	2006	\$268,265
Dr Ruth M Arkell	Project Grants	How does the Zic2 gene protect us from holoprosencephaly?	ANU	2006	\$624,146
A/Pr Kaarin J Anstey	Career Awards	Uncoupled Research Fellowship	ANU	2006	\$542,250
Prof Bryan Rodgers	Career Awards	Uncoupled Research Fellowship	ANU	2006	\$600,250
Prof David S. Hirst	Career Awards	Uncoupled Research Fellowship	ANU	2006	\$742,250
Prof George David S Hirst	Project Grants	Nervous control of gut motility	ANU	2006	\$523,262

Name	Funding Type	Simplified Title	Institute	Start Year	Total
Dr Dianne C Webb	Project Grants	The Ym2 lectin and asthma	ANU	2006	\$283,768
Prof Christopher C Goodnow	Project Grants	Mechanisms controlling antibody production	ANU	2006	\$586,532
Prof Christopher C Goodnow	Project Grants	Mechanisms causing organ specific autoimmune disease	ANU	2006	\$634,547
Prof Helen M Christensen	Project Grants	Uncoupled Research Fellowship	ANU	2006	\$732,000
Dr Anneke C Blackburn	Career Awards	Investigation of novel mouse mammary tumour susceptibility loci in mice and humans	ANU	2006	\$457,000
Mr Nicholas SC Price	Career Development Awards	Temporal evolution of direction-discrimination: confounding centre-surround interactions, motion strength & attention	ANU	2006	\$306,106
Dr Adrian Liston	Training Fellowships (Overseas)	Genetic characterisation of factors affecting generation of Foxp3+ regulatory T cells.	ANU	2006	\$298,553
Dr Lina E S Tze	Training Fellowships (Overseas)	Genetic characterisation of factors involved in regulating the production of autoantibodies	ANU	2006	\$275,250
Dr Benjamin JC Quah	Training Fellowships (Australia)	Signalling pathways & molecular mechanisms of the interactions between pathogenic bacteria & human antimicrobial peptides	ANU	2006	\$307,158
Dr David C Tscharke	Training Fellowships (Overseas)	Intercellular communication of antigen receptors during immune response development.	ANU	2006	\$275,250
A/Pr Suresh Mahalingam	Training Fellowships (Australia)	Helping the immune system focus on the right targets during vaccination	ANU	2006	\$388,455
A/Pr Suresh Mahalingam	Project Grants	A novel immune evasion strategy employed by arboviruses	UC	2006	\$418,643
A/Pr Tim R Hirst	Project Grants	How respiratory viral infections cause disease	UC	2006	\$479,518
Dr Elisabeth R Amyes	Project Grants	Bacterial toxins as immunomodulators	ANU	2006	\$475,453
Dr Katrina L Randall	Project Grants	Enhancing and evaluating T cell responses to candidate HIV prime-boost vaccines	ANU	2006	\$275,250
Ms Diana M Perriman	Training Fellowships (Australia)	Investigation of immunological defects leading to the production of anti-nuclear antibodies in ENU-treated mice	ANU	2006	\$94,025
Ms Lucy A Coupland	Scholarships	Electrogoniometric measurement of kyphosis in stroke	ANU	2007	\$83,697
Ms Liana S Leach	Scholarships	Role of Platelets in Tumour Metastasis and Immune Activation	ANU	2006	\$65,354
Ms Africa Jenkins	Scholarships	Investigating the relationship between key life-course transitions and depression	ANU	2006	\$65,661
A/Pr Kaarin J Anstey	Scholarships	The efficacy of a distal physical activity intervention for the prevention of depression in older adults at risk	ANU	2006	\$65,661
Prof Ian A. Clark	Strategic Awards	Learning how to age well from Australian Longitudinal Studies of Ageing	ANU	2007	\$2,116,357
Prof Niels G Becker	Strategic Awards	New Influenza Treatments	ANU	2006	\$241,191
Prof Arno Mullbacher	Strategic Awards	What is the best way to control pandemic influenza and what data will help us choose the best way?	ANU	2006	\$183,040
Prof Christopher C Goodnow	Strategic Awards	Gamma-ray inactivated influenza vaccine	ANU	2006	\$239,964
Dr Gunasegaran Karupiah	Strategic Awards	A rare disorder of childhood as a model of autoimmunity	ANU	2006	\$506,943
Dr Shin-Ho Chung	Strategic Awards	Uncoupled Research Fellowship	ANU	2007	\$605,000
Prof Helen M Christensen	Project Grants	Computational Studies on Two Cationic Channels	ANU	2007	\$513,014
Dr Danny Rangasamy	Strategic Awards	Improving mental health & Wellbeing by training new researchers	ANU	2007	\$2,028,965
Prof Anthony J McMichael	Career Development Awards	Chromatin-based mechanisms of retrotransposon silencing and Maintenance of Genomic stability	ANU	2007	\$460,500
Dr Yi Zhang	Career Awards	Uncoupled Research Fellowship	ANU	2007	\$748,250
Dr Mary Louise Tierney	Project Grants	Steroid hormones and blood pressure: mechanisms and potential treatments	ANU	2007	\$338,835
A/Pr Ted L Maddess	Project Grants	GABA-A channel properties	ANU	2007	\$361,560
Prof Robert B Saint	Project Grants	Rapid, cost-effective, diagnosis and monitoring of multiple sclerosis	ANU	2007	\$298,864
A/Pr Kaarin J Anstey	Enabling Grants	Drosophila Biomedical Research Facility	ANU	2007	\$1,000,000
Dr Clarke R Raymond	Project Grants	A longitudinal study of depression, anxiety, substance use and cognitive change: PATH Through Life Wave 3	ANU	2007	\$2,043,124
Prof M Frances Shannon	Project Grants	Rules for triggering different memory mechanisms in the brain	ANU	2007	\$328,421
Prof Kiaran Kirk	Project Grants	Gene transcription in T cells	ANU	2007	\$527,864
Prof Christopher R Parish	Project Grants	Malaria parasite physiology and antimalarial drug resistance	ANU	2007	\$285,692
A/Pr Greg J Stuart	Project Grants	Lymphocyte receptor sharing	ANU	2007	\$284,349
Prof Philip G Board	Project Grants	Brain mechanisms causing absence epilepsy	ANU	2007	\$290,057
Dr Sudha Rao	Project Grants	The generation and characterization of glutathione transferase deficient mice	ANU	2007	\$558,892
A/Pr Christopher J Nolan	Project Grants	Gene regulation and inducible genes in T cells	ANU	2007	\$447,364
Dr David Linares	Project Grants	Regulation of insulin secretion in normal and diabetic pregnancy	ANU	2007	\$477,349
Dr Narcissus C Teoh	Project Grants	neuromaging with PBR receptor ligands	ANU	2007	\$421,835
Prof Geoffrey C Farrell	Project Grants	Altered DNA repair and liver cancer	ANU	2007	\$336,599
Dr David C Tscharke	Project Grants	Reasons for fat build up in severe fatty liver disease	ANU	2007	\$446,321
Ms Gunhild M Eggert	Project Grants	CD8+ T cell immunity to viruses and recombinant vaccines	ANU	2007	\$460,500
Dr Andrew PR Sutherland	Career Development Awards	An economic theory of registered nurses' non-pecuniary job rewards	ANU	2007	\$27,563
Dr Anna Ralph	Scholarships	Mechanisms of metabolic and immunological regulation by the novel transcription factor DPZF	ANU	2007	\$308,560
Dr Gary Y J Chew	Training Fellowships (Overseas)	Random'd controlled trial (RCT) of adjunctive nutritional supplementation in pulmonary tuberculosis in Timika, Indonesia	ANU	2007	\$94,366
Dr Matthew B Thomas	Scholarships	Molecular and Cellular Defects in Common Variable Immunodeficiency (CVID) in Australia	ANU	2007	\$94,266
	Project Grants	Control of arboviruses using fungi	CSIRO	2007	\$486,529

Name	Funding Type	Simplified Title	Institute	Start Year	Total
Mrs Ann Goldwater	Infrastructure Grants	Equipment Grant	ANU	2007	\$294,946
Ms Meredith Bacon	Infrastructure Grants	Equipment Grant	UC	2007	\$10,368
Prof Anthony J McMichael	Australia Fellowship	Links between climate change, environmental factors and human health	ANU	2007	\$4,000,000
					<u>\$62,654,184</u>