

NHMRC Project Grants 2015, Career Development Fellowships, Early Career Fellowships; and ARC Discovery Project Grants 2015, Linkage Grants, Discovery Early Career Researcher Awards, awarded to brain sciences researchers at UNSW.

NHMRC Project Grants

40 NHMRC Project Grants with more than \$28.975 million were granted to UNSW of which 25 projects (62.5 %) with more than \$18.334 million (63.3 %) were awarded to brain sciences researchers.

Note: The list presented below is not an exhaustive account of funding approved to brain sciences researchers in that it includes only grants administered by UNSW.

- Prof. Gavan McNally. *A memory retrieval – extinction procedure to prevent relapse to drug seeking.* \$375,785
- Prof. Gavan McNally, Dr Elena Bagley and A/Prof. Pascal Carrive. *How the midbrain assembles fear.* \$484,937
- Dr Susanna Park, A/Prof. Arun Krishnan, A/Prof. Cindy Lin, A/Prof. John Kwok et al. *Long-term nerve damage in cancer survivors: Identification of risk factors and optimal assessment strategies.* \$818,441
- Dr Nadine Kasparian, Prof. Marie-Paule Austin, et al. *Critical illness in children: Can we afford to neglect the psychosocial risks? The impact, acceptability, and cost-effectiveness of routine psychosocial assessment and stepped care for families of infants with heart disease.* \$932,563
- A/Prof. Melissa Green et al. *Epigenetic mechanisms of brain dysfunction in psychotic and mood disorders.* \$601,328
- Prof. Lars Ittner, Prof. Gary Housley, Dr Tim Karl et al. *Targeting post-synaptic Tau to treat Alzheimer's disease.* \$1,618,074
- Prof. Skye McDonald, Prof. Robyn Tate, Dr Jacqueline Rushby and Prof. Colleen Loo. *Emotion regulation after brain injury: New approaches to remediation.* \$887,727
- Prof. Louisa Degenhardt, A/Prof. Timothy Slade and Prof. Ronald Kessler. *Toward a comprehensive picture of the epidemiology of alcohol and illicit drug use disorders: Novel analyses of the World Health Organization's World Mental Health Surveys.* \$711,430
- Prof. Lynne Bilston, Prof. Peter Cistulli, Dr Kate Sutherland and A/Prof. Jane Butler. *Predicting treatment response to mandibular advancement splints: A novel biomechanical imaging method.* \$667,592
- A/Prof. Judy Proudfoot, Prof. Kay Wilhelm, Mr Dusan Hadzi-Pavlovic et al. *Self-help for depression and diabetes-related distress in people with Type 2 diabetes.* \$857,252

- Prof. Margaret Morris et al. *Transgenerational effects of male obesity – mechanisms and interventions*. \$798,342
- Dr Thomas Fath, Prof. Peter Gunning, Dr John Power, Dr Tim Karl et al. *Targeting the synaptic actin cytoskeleton in Alzheimer’s disease*. \$808,872
- Dr Kim Delbaere, Prof. Lindy Clemson, A/Prof. Jacqueline Close and Dr Rixt Zijlstra. *Evaluating “Standing Tall” – an engaging home-based exercise program using mobile technology for maximizing long-term adherence and preventing falls in older people; randomized controlled trial*. \$763,511
- Dr Joel Pearson, A/Prof. Simon Lewis and Prof. Colin Clifford. *Visual hallucinations: Mechanistic biomarkers and novel treatments*. \$448,485
- Prof. Perminder Sachdev, Prof Christopher Rowe, A/Prof. Wei Wen, Dr Melissa Slavin and Prof. John Magnussen. *The genetic and environmental determinants of amyloid deposition in older individuals: an amyloid imaging study using the twin design*. \$625,404
- Prof. George Paxinos and Dr Mark Schira. *A 3D cross-modality atlas of the human brainstem for scientists and clinicians*. \$352,077
- Prof. Charles Watson and Prof. George Paxinos. *High resolution MRI atlas of the rat brain*. \$185,932
- Prof. Derrick Silove, Dr Susan Rees, Prof. Zachary Steel, De Wietse Tol, Prof. Valsamma Eapen and Prof. Mark Dadds. *Testing a transgenerational cycles of violence model in Timor-Leste: Impact of maternal anger on childhood aggression*. \$843,495
- Dr Susan Rees, Prof. Jane Fisher and Prof. Zachary Steel. *Identifying specific risk factors for intimate partner violence amongst women refugees during and after pregnancy: Associations with mental health and capacity for resettlement*. \$805,485
- Dr Daina Sturnieks, Dr Jasmine Menant, A/Prof. Michael Valenzuela and Dr Kim Delbaere. *A randomized controlled trial of cognitive-only and cognitive-motor training to prevent falls in older people: Understanding physical, neuropsychological and neural mechanisms*. \$1,558,415
- Prof. Rick Richardson and Dr Kathryn Baker. *A window of vulnerability: Impaired fear inhibition in adolescent rats*. \$322,881
- Dr James McAuley, Prof. Lorimer Moseley, et al. *Resolve: A new treatment – sensorimotor retraining with explaining pain – for chronic low back pain*. \$969,852
- Prof. Nigel Lovell, Dr Shelley Fried, Prof. John Morley, A/Prof. Socrates Dokos, Prof. Greg Suaning, Dr David Tsai and Dr Andrew Woolley. *Selective activation of retinal networks in response to high frequency electrical stimulation: A computational modelling, in vitro and in vivo study*. \$916,231
- Prof. Reginald Westbrook et al. *The effect of oxytocin on the formation, expression and inhibition of fear memories*. \$378,532
- Prof. Gary Housley et al. *Intrinsic hearing protection mechanisms: A pathway to prevention of noise-induced hearing loss*. \$601,864

4 NHMRC Career Development Fellowships with \$1.69 million were granted to UNSW of which 1 grant with \$411,768 (24.4%) was awarded to a brain sciences researcher.

- Dr Thomas Whitford. \$411,768

8 NHMRC Early Career Fellowships with \$2.61 million were granted to UNSW of which 1 grant with \$309,436 (11.8%) was awarded to a brain sciences researcher.

- Dr Ria Arnold. \$309,436

ARC Discovery Project Grants for 2015

84 ARC Discovery Project Grants with more than \$31.5 million were granted to UNSW of which 9 projects (10.7 %) with \$3,529,709 (11.2 %) were awarded to brain sciences researchers.

Note: The list presented below is not an exhaustive account of funding approved to brain sciences researchers in that it includes only grants administered by UNSW.

- Prof. Colin Clifford and Dr Tamara Watson. *DP150100516* \$395,100
- Prof. Joseph Forgas. *DP150100989* \$395,900
- Prof. Eddie Harmon-Jones. *DP150104514* \$266,300
- Prof. Brett Hayes and Prof. John Dunn. *DP150101094* \$534,209
- Prof. Gary Housley, Prof. Nigel Lovell and A/Prof. Matthias Klugmann. *DP150104754* \$384,700
- Dr Yazi Ke, Dr Janet van Eersel, Dr Thomas Fath, Prof. Peter Gunning. *DP150104321* \$445,500
- Prof. Skye McDonald and Dr Jacqueline Rushby. *DP150100226* \$397,900
- Prof. Rick Richardson. *DP150104835* *DP150104835* \$399,600
- Prof. Cynthia Shannon Weickert, Dr Guy Barry, Dr Samantha Fung. *DP150104168* \$310,500

23 ARC Discovery Early Career Researcher Awards with \$8 million were granted to UNSW of which 2 grants with \$1,478,601 (17.0%) were awarded to brain sciences researchers.

- Dr Oren Griffiths. \$328,000
- Dr Nathan Holmes. \$366,000