

# 2009 Dean's Commendation List for Outstanding Research Higher Degree Theses



Name	Title of Thesis	School or Institute
Dr Lisa-Marie Atkin	Pathogenesis of the metabolic syndrome: influence of lipid depots and effect of physical activity	School of Medicine
Dr Matthew Paul Barnes	Measurement and Modelling of Swash Zone Bed Shear Stress	School of Civil Engineering
Dr Wendy Elizabeth Brodribb	Improving the breastfeeding knowledge and skills of GP registrars	School of Medicine
Dr Letitia Helen Burridge	Seeing the unseen: an exploration of reluctance to care in lay carers of cancer patients	School of Population Health
Ms Andrea Caposecco	Cochlear implant outcomes in adults with prelingual hearing impairment	School of Health and Rehabilitation Sciences
Dr Adrian Nicholas Carter	Addiction Neuroethics: The Promises and Perils of Neuroscience Research on Addiction	Queensland Brain Institute
Dr Ming-Kang Chang	Role of macrophages, residing on the bone surface, in bone remodelling and repair	Institute for Molecular Bioscience
Dr Yap Pang Chuan	Self-assembly processing of virus-like particles	Australian Inst of Bioengineering & Nanotechnology
Dr Catherine Mary Cox	The development and evaluation of a universal preventative web-based early intervention for children and their parents following accidental injury	School of Psychology
Dr Alison Joan Crowther	Investigating Lapita subsistence and pottery use through microscopic residues on ceramics: methodological issues, feasibility and potential	School of Social Science
Dr Laura Nalini Desha	Time use and depression in adolescence	School of Health and Rehabilitation Sciences

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Name	Title of Thesis	School or Institute
Dr Jennifer Lee Firn	Understanding the mechanisms behind invasion to improve the efficacy of control strategies	School of Biological Sciences
Dr Jeffrey Mark Foley	Life cycle assessment of wastewater treatment systems	School of Chemical Engineering
Dr Elisha Renee Frederiks	Affect and Performance: A Multilevel Analysis of Moderators and Mediators	School of Psychology
Dr William Fryer	Interpretive and Source-Oriented Approaches: Modern Japanese Free Verse Poetry in English Translation	School of Language & Comparative Cultural Studies
Dr Rowan John Gollan	The computational modelling of high-temperature gas effects with application to hypersonic flows	School of Mechanical & Mining Engineering
Dr Kieran Steve Hadler	Structure and function of binuclear metallohydrolases: Enterobacter aerogenes glycerophosphodiesterase and related enzymes	School of Chemistry and Molecular Biosciences
Dr Blake Kristin Harahush	Ontogenetic changes in the visual system of the brown banded bamboo shark, <i>Chiloscyllium punctatum</i> (Elasmobranchii), with special reference to husbandry and breeding	School of Biomedical Sciences
Dr Stephen John Hay	Managing Globalisation: Governing the subjects and spaces of Queensland education in the first decade of the 21st century	School of Education
Mr Taufiq Hidayat	The Fundamental studies on the Mechanisms and Kinetics of Nickel Oxide Reduction	School of Chemical Engineering
Mr Benjamin Wayne Hoffman	Increases in corticospinal responsiveness during a sustained submaximal plantar flexion	School of Human Movement Studies
Dr Kamel Hooman	Modeling Variable Viscosity Forced and free Convection in Porous Media	School of Mechanical & Mining Engineering

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Dr Margaret Alison Johnston	What Sponsors Really Want: An Investigation of Sponsorship Decision-making and Choice	School of Business
Dr Arjuna Kumarasuriyar	Exploring novel bioactive bone repair strategies	School of Biomedical Sciences
Dr Katharina Ladewig	Nanoparticles with Application in the Delivery of Nucleic Acids to Mammalian Cells	Australian Inst of Bioengineering & Nanotechnology
Dr Benjamin Peter Lanyon	Optical quantum information: New states, gates and algorithms	School of Mathematics and Physics
Dr Diana Margaret Leemon	Comparative studies of <i>Metarhizium anisopliae</i> as a potential biopesticide for livestock ectoparasites	School of Veterinary Science
Dr Allison May Mandrusiak	Effect of a modified exercise program on activity and participation levels of children with Cystic Fibrosis	School of Health and Rehabilitation Sciences
Dr Conor James McMeniman	Generation and characterization of a life-shortening <i>Wolbachia</i> infection in the dengue vector <i>Aedes aegypti</i>	School of Biological Sciences
Dr Timothy Mercer	The expression of long noncoding RNAs during mouse development	Institute for Molecular Bioscience
Dr Markus Muttenthaler	Peptide Engineering--Controlling the folding of disulfide-rich peptides	Institute for Molecular Bioscience
Dr Dan Valeriu Nicolau	Mathematical modelling of the plasma membrane	School of Mathematics and Physics
Dr John Michael O'Toole	Discrete Quadratic Time-Frequency Distributions: Definition, Computation, and a Newborn Electroencephalogram Application	School of Medicine
Dr Jason Alexander Roberts	Beta-lactam antibiotic dosing in critical care units: Bolus vs continuous dosing	School of Medicine

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Dr Karl Erwin Robinson	The essential and nonessential genes of Bovine herpesvirus-1	School of Veterinary Science
Dr Nerina Aimee Scarinci	Third-Party Disability in Spouses of Older People with Hearing Impairment	School of Health and Rehabilitation Sciences
Dr James Scott	The prevalence and correlates of psychotic-like experiences in the Australian community	School of Medicine
Dr Margaret Anne Sellers	Re(con)ceiving children in curriculum: Mapping (a) milieu(s) of becoming	School of Education
Dr Benjamin Robert Smith	Decompositions of generalised complete graphs	School of Mathematics and Physics
Dr Sally Victoria Russell	Proenvironmental behaviour in organisations: the role of emotion and issue ownership	School of Business
Dr Lane Strathearn	Maternal neglect: risk factors, consequences and the neurobiology of mother-infant attachment	School of Medicine
Dr Norlela Sukor	Genetic, Diagnostic and Therapeutic Aspects of Primary Aldosteronism	School of Medicine
Dr Yue Sun	Genetic analysis of important traits for confectionery sunflower in Australia	School of Land, Crop and Food Sciences
Dr Ryan Taft	Adding gears to the RNA machine: discovery and characterisation of new classes of small RNAs in eukaryotes	Institute for Molecular Bioscience
Dr Conan Kuan-Lun Wang	Structural and functional studies of cyclotides	Institute for Molecular Bioscience
Dr Andrew David Williamson	Literature's ghosts: Realism and innovation in the novels of Christine Brooke-Rose and A. S. Byatt	School of English, Media Studies and Art History

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Name	Title of Thesis	School or Institute
Dr Leanne Gaye Wiseman	Making Copies: The Impact of Photocopying on Copyright Law in Australia	School of Law