

2012 Dean's Commendation List for Outstanding Research Higher Degree Theses



| Name | Title of Thesis | School or Institute |
|-----------------------|---|--|
| Miss Nicola Alter | Nix (Creative Work) & Creating Place in Fantasy Fiction: Understanding the Role of the Reader When Writing Fantasy Worlds (Critical Essay) | School of English, Media Studies and Art History |
| Dr Lesley Alton | The interactive effects of ultraviolet-B radiation and other environmental stressors on amphibians | School of Biological Sciences |
| Dr Eduardo Moya Anton | Balearic Visions: The Shifting Image of the Balearic Islands in the Travel Accounts of British Visitors (1903-1939) | School of Language & Comparative Cultural Studies |
| Dr Fusun Baumann | Biomarkers of Motor Neurone Disease : Neurophysiological studies of lower motor degeneration | School of Medicine |
| Dr Paul Berkman | A new method for sequencing the hexaploid genome of Triticum aestivum: Assembly and analysis of the group 7 chromosomes using second-generation sequencing technology | School of Agriculture and Food Sciences |
| Dr Kelly Brooks | Selective targeting of the defective decatenation checkpoint in melanoma | UQ Diamantina Institute |
| Dr Sandra Buchler | Cohabitation in Australia: Characteristics, Transitions and Outcomes | School of Social Science |
| Mr Felix Calvino | Time and Subjectivity in the Short Novel | School of English, Media Studies and Art History |
| Mr William Casey | Queensland Rifle Association 1861-2011 | School of History, Philosophy, Religion & Classics |
| Dr Edgar Chan | Behavioural and neural correlates of object-location representations in human spatial navigation | School of Psychology |
| Dr Michael Clark | Transcriptional complexity and post-transcriptional regulation of long noncoding RNAs | Institute for Molecular Bioscience |
| Dr Tara Clark | History of mortality in Great Barrier Reef coral communities since European settlement | School of Earth Sciences |
| Dr Felicity Davis | Intracellular calcium signaling in a model of breast cancer metastasis | School of Pharmacy |
| Dr Stefanie Dietmair | Characterisation of mammalian cells during protein production - a systems biology approach | Australian Institute for Bioengineering & Nanotechnology |
| Dr Andrew Dunstan | The Biology and Population Ecology of Nautilus pompilius at Osprey Reef, Coral Sea and the conservation implications of international Nautilus fishing | School of Biomedical Sciences |
| Dr Marina Fortes | Genes and Genetic Markers Associated with Puberty in Beef Cattle | School of Veterinary Science |

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| Dr Alison Gable | Disability and challenging behaviour: An exploration of social relations in a school environment through critical realism | School of Education |
| Dr David Gildfind | Development of High Total Pressure Scramjet Flow Conditions using the X2 Expansion Tube | School of Mechanical & Mining Engineering |
| Dr Christina Gowlett | SUBJECTification: An examination of senior subject selection at a 'disadvantaged' secondary school | School of Education |
| Dr Adrian Gray | Energetic Analysis of Running Demands in Australian Football Using Global Positioning Systems Technology | School of Human Movement Studies |
| Dr Craig Greber | The Four-Quadrant Model of Facilitated Learning: Development and Clinical Utility | School of Health and Rehabilitation Sciences |
| Dr Shiree Heath | The neurocognitive substrates of naming facilitation in aphasia: an fMRI investigation. | School of Health and Rehabilitation Sciences |
| Dr Tricia Hopton | Re-Imagining Citizenry: National Identities in Canadian and Australian Multicultural Drama | School of English, Media Studies and Art History |
| Dr Damian Hoy | The global epidemiology of low back pain | School of Population Health |
| Dr Siti Zuraidah Ibrahim | Microwave multi-port networks for wireless systems | School of Information Technology & Electrical Engineering |
| Dr Takuya Iwamura | Spatial conservation prioritisation under global threats | School of Biological Sciences |
| Dr Yan Jiao | Insights into Gas Adsorption and Separation by Nitrogen Doped Materials Using Molecular Simulations | School of Chemical Engineering |
| Dr Steven Kenway | The Water-Energy Nexus and Urban Metabolism - Identification, Quantification and Interpretation of the Connections in Cities | School of Chemical Engineering |
| Dr Timothy Kidd | Diagnosis, epidemiology and population structure of Pseudomonas aeruginosa in cystic fibrosis. | School of Medicine |
| Dr Oleksiy Kovtun | All in vitro platform for rapid protein engineering and analysis based on Leishmania tarentolae | Institute for Molecular Bioscience |
| Dr Steven Lane | Self-renewal pathways in leukaemia stem cells and haematopoietic stem cells | School of Medicine |
| Dr Yu-Hsiang Lin | The Soybean Nodulation Inhibitory Factor SDI | School of Agriculture and Food Sciences |
| Dr Samuel MacAulay | Problemistic search and internal organisation: A study of how people find knowledge in complex organizations | School of Business |
| Dr Alissa Macoun | Aboriginality and the Northern Territory intervention | School of Political Science & International Studies |

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| Name | Title of Thesis | School or Institute |
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| Dr Richardo Soares Magalhaes | Spatial Epidemiological Approaches for the Control of Infection and Morbidity Associated with Neglected Tropical Diseases in sub-Saharan Africa | School of Population Health |
| Dr Char-Lee McLennan | The Tourism Transformation Process: An inquiry into the three main process phases | School of Tourism |
| Dr Jason McLeod | Civil Resistance in West Papua | School of Political Science & International Studies |
| Dr Terry McRae | Quantum optics and optomechanics with microtoroids | School of Mathematics and Physics |
| Dr Karen New | Transfer of preterm infants from incubator to open cot: a review of contemporary practice, a randomised controlled trial and a systematic review. | School of Nursing and Midwifery |
| Dr Paul O'Shea | Addressing Inequality in Consumer Transactions | School of Law |
| Mr Lemeko Panapa | Exploring the lived experiences of Polynesian athletes in the National Rugby League | School of Human Movement Studies |
| Dr Joanne Platell | Multidrug Resistance in Extraintestinal Pathogenic Escherichia coli Isolated from Humans and Dogs | School of Veterinary Science |
| Dr Anna Potter | New media and minors: the production ecology of Australian children's television from 2006-11 | School of English, Media Studies and Art History |
| Dr David Raffelt | Voxel-Based Analysis of High Angular Resolution Diffusion-Weighted Magnetic Resonance Images | School of Information Technology & Electrical Engineering |
| Dr Fatimah Ahmad Ramli | Family caregivers of older people with mental health problems: An exploratory study in Kelantan, Malaysia | School of Social Work and Human Services |
| Mrs Martina Reichstetter | Hydraulic Modelling of Unsteady Open Channel Flow: Physical and Analytical Validation of Numerical Models of Positive and Negative Surges | School of Civil Engineering |
| Dr Dugald Reid | Identification of mobile signals in the soybean nodulation symbiosis | School of Agriculture and Food Sciences |
| Dr Jacopo Sabbatini | Defects Dynamics in Ultra-Cold Gases | School of Mathematics and Physics |
| Dr Julian Sacre | Significance, assessment and therapy of subclinical cardiac autonomic neuropathy in patients with type 2 diabetes | School of Human Movement Studies |
| Dr Elizabeth Skippington | Lateral genetic transfer: biases, barriers and the construction of genetic exchange communities | Institute for Molecular Bioscience |
| Dr Arthur Smith | Properties of Materials for Organic Light Emitting Diodes | School of Chemistry and Molecular Biosciences |

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| Dr Johanna Speirs | Foehn winds in the McMurdo Dry Valleys, Antarctica | School of Geography, Planning & Environmental Management |
| Dr Paul Tacon | Three essays on the associations between investor holdings, portfolio risk, and expected returns | School of Business |
| Dr Pegah Varamini | Synthesis and Pharmacological Characterization of Endomorphin-1 Analogues | School of Chemistry and Molecular Biosciences |
| Dr Catharina Verweij | The genetics of complex human behaviour: Cannabis use, personality, sexuality and mating | School of Psychology |
| Dr Thu Thuy Vu | Investigating Authentic Assessment for Student Learning in Higher Education | School of Education |
| Dr Nani Wibowo | Engineering Viral Capsomeres as a Vaccine Platform | Australian Institute for Bioengineering & Nanotechnology |
| Dr Ruifeng Yan | Impact of Photovoltaic Integration on Voltage Variation of Electricity Distribution Network | School of Information Technology & Electrical Engineering |