

AINSE Postgraduate Research Awards

Postgraduate Research Scholars Awarded 2014

Name	UNI	Title
Paul Baek	AKL	Morphology effect of novel poly(p-phenylene vinylene) brush thin films on their photoluminescence in solid-state
Saffron Bryant	SYD	Compartmentalisation in Protic Ionic Liquids: implications for synthetic and non-aqueous lifeforms
Fenfen Chang	NSW	Search for novel multiferroic materials: Magnetic and Structure Phase Transition Study in $\text{Cu}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ and SrCoO_{3-x}
Pascale Eisenmann	GRI	Using Stable Isotope Analysis and Carbon 14 to Assess the Feeding Ecology of Southern Hemisphere Humpback Whales
Lars Esser	MON	Designed nanoparticles for dual-modality imaging and drug/radiopharmaceutical delivery: combining SPECT/PET and MRI
Ellen Gleeson	MON	Understanding the mode of action of analgesic conotoxin Vc1.1 and other analgesic conotoxins.
Heather Haines	GRI	Developing the first long-term (>150yrs) rainfall record for Southeast Queensland
Songbai Hu	NSW	Oxygen Ordering Induced Magnetic Phase Transition in Strain Tuned SrCoO_{3-x} Thin Film
Anna Lintern	MON	Digging up the Yarra's dirty past: High resolution sediment core analysis using the ITRAX micro-XRF core scanner for identifying the water quality of historical floods in the Yarra catchment
Lance Maul	NSW	Investigation and development of molten salt reactor designs.
Srinivas Nunna	DEA	Making low cost Australian carbon fibres
Stacey Priestley	FLI	Inter-aquifer connectivity - investigating groundwater movement through regional aquitards utilising uranium isotopes
Zhisong Qu	ANU	Plasma equilibrium and stability in presence of flow and pressure anisotropy in a linear pinched helicon discharge
Ashley Roberts	MON	Use of Small Angle X-ray and Neutron Scattering Techniques to Construct Quantitative Models that Correlate the Morphology Fluctuations of Graphene-based Disordered Lamellar Structures with the Transport of Liquids, Ions, and Gasses within these Materials
Rayomand Shahlori	AKL	Neutron Reflectometry for the Kinetic Study of Biomimetic Calcium Phosphate Growth on a Zein Protein Template.
Alexander Thorman	ANU	Radio frequency wave dynamics in the H-1 Helic and MagPIE
Michele Vonci	MEL	Inelastic Neutron Scattering studies of Crystal Field Splitting in Lanthanoid-Polyoxometalate Single-Molecule Magnets
Rory Williams	MAC	The character and evolution of upland chain-of-ponds: Developing a geomorphic framework for conservation and rehabilitation