

## 2015-2016 JSPS Postdoctoral Fellowships

Researcher	Title of research project	Host researcher
Dr Mamoun Alazab The Australian National University	The internet and new criminal activity: spam as cybercrime.	Professor Hitoshi Ushijima Chiba University
Dr David Butler The University of Queensland	Investigating the development and evolution of prejudice using children and primates.	Professor Masako Myowa-Yamakoshi University of Kyoto
Mr Guanyu Deng University of Newcastle	Investigation of ultra-thin nanostructured foils fabricated by accumulative roll bonding and asymmetrical rolling.	Professor Nobuhiro Tsuji University of Kyoto
Ms Belinda Goldie University of Newcastle	A novel method for investigating the role of gene regulation in memory formation in living neurons.	Professor Ryoichiro Kageyama University of Kyoto
Dr Quintin Lau The Graduate University for Advanced Studies	Evolution of a frog immune system – adaptation to environmental changes from tadpole to adult frog.	Professor Yoko Satta The Graduate University for Advanced Studies
Mr Mao Liu University of Wollongong	Development of multilayer steels for improving combinations of high strength and high ductility.	Professor Toshihoko Koseki The University of Tokyo
Miss Edin Mifsud University of Melbourne	Developing a novel influenza vaccine which generates both antibody and cell mediated immunity.	Professor Hiroshi Kida Hokkaido University
Dr Sridhar Ravi RMIT University	Flight through complex special and wind environments: What can we learn from the birds and the bees?	Professor Hao Liu Chiba University
Dr Jason Shaw University of Western Sydney	Temporal organisation and the distribution of information in Japanese speech.	Assistant Professor Shigeto Kawahara Keio University
Dr Elizabeth Sheedy	Population genetics of symbiotic fungi introduced to the Ogasawara Islands less than 120 years ago.	Dr Kentaro Hosaka National Museum of Nature and Science
Dr Fargol Taba The University of Sydney	Synthesis of porphyrins that complex to proteins which alter protein-protein interactions and hence cell signals.	Professor Takashi Hayashi Osaka University

Dr Wei Zhang University of South Australia	Developing carbon electrochemical sensors as early alert screening tools for water quality assessment.	Professor Dr Hiroaki Furumai The University of Tokyo
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Dr Jamie Coates University of Sheffield	Migration, mediation and politics: understanding China-Japan relations through migrant material practice.	Associate Professor Gracia Liu-Farrer Waseda University
Dr Mei Han University of Wollongong	Effects of antipsychotics on the dopamine/BDNF signalling complex after administration of phencyclidine.	Professor Kenji Hashimoto Chiba University
Dr Alireza Jafari Griffith University	Disaster prevention by evaluating and predicting the beach profile changes under extreme events.	Professor Shinji Sato The University of Tokyo
Mr Mohsen Jafari Songhori The University of Melbourne	Patterned interactions in complex organisations and decision making process.	Professor Takao Terano Tokyo Institute of Technology
Dr Swee Kuik University of South Australia	An environmentally sustainable product design and manufacturing assessment framework for interdisciplinary product development.	Professor Toshiya Kaihara Kobe University
Dr Amy Liu University of Ballarat	Study of nano micelle from cationic chitosan and anionic diblock copolymers for cancer/gene therapy.	Professor Shin-ichi Yusa University of Hyogo
Mr Nikhul Patel The University of Sydney	Exploring matter/antimatter asymmetry with neutrinos at the T2K experiment.	Professor Tsuyoshi Nakaya University of Kyoto
Dr Jacqui Pocklington The University of Melbourne	Investigating the ability of large brown algal communities to recover from disturbance.	Dr Masakazu Aoki University of Tsukuba
Dr James Quach The University of Melbourne	Quantum metamaterials.	Professor Masaki Oshikawa The University of Tokyo
Dr Angel Tan University of South Australia	Biomimetic microvascular chip for therapeutic investigation of anti-atherosclerotic agents.	Dr Yukiko Matsunaga The University of Tokyo

Mr Ian Watson The University of Sydney	Measurement of the CKM angle $\phi_3$ with the Belle II detector at SuperKERB.	Professor Hiroaki Aihara The University of Tokyo
Dr Withawat Withayachumnankul The University of Adelaide	Dynamic leaky-wave antennas for ultrafast terahertz communications.	Professor Masahiro Asada Tokyo Institute of Technology

## 2013-2014 JSPS Postdoctoral Fellowships

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Researcher	Title of research project	Host researcher
Dr Mohammad Al Assadi University of New South Wales	Theoretical investigations on maximising thermoelectric performance of cobaltites with site specific dopants for waste heat recovery.	Professor Hiroshi Katayama-Yoshida Osaka University
Dr Linda Banbury Southern Cross University	Identifying novel bioactive natural products that regulate inflammation-associated tumour progression.	Associate Professor Yoshihiro Hayakama University of Toyama
Dr Ali Boyali (independent researcher)	Design a context aware robotic wheelchair for elderly and disabled people.	Dr Naohisa Hashimoto National Institute of Advanced Industrial Science and Technology (AIST)
Dr Jonathan Faber The University of Queensland	Chemical Libraries of Calyculin A – Towards selective phosphatase inhibitors.	Professor Ikuro Abe The University of Tokyo
Dr Alexander Fraser University of Tasmania	Intensive Antarctic coastal polynya study: dense water formation and links with landfast sea ice.	Professor Keiichiro Oshima Hokkaido University
Dr Jodie Goodridge Fred Hutchison Cancer Research Centre	Interaction between “Free” MHC Class 1 and protein fragments for optimal design of long peptide vaccines.	Dr Katsumi Maenaka Hokkaido University
Dr Shane Kelly University Duisberg-Essen	Cohomological Hasse principle in the Morel-Voevodsky stable homotopy category.	Professor Shuji Saito Tokyo Institute of Technology

Dr Cindy Kok The University of Sydney	To study the role of liver progenitor cells in proliferation and tumorigenesis.	Professor Atsushi Miyajima The University of Tokyo
Dr William Ling Monash University	Development of an Efficient Liquid Pulsed Plasma Thruster.	Associate Professor Hiroyuki Koizumi The University of Tokyo
Dr Nathan Lugg The University of Melbourne	Quantitative elemental mapping using scanning transmission electron microscopy.	Professor Dr Yuichi Ikuhara The University of Tokyo
Dr Taryn March Flinders University	Enantioselective organocatalysis for the synthesis of natural products and other bioactive compounds.	Professor Yoshiji Takemoto University of Kyoto
Dr Yanyan Mulyana Monash University	Investigation of electron transfer properties in dye-catalyst supramolecular assemblies: a key understanding to molecular devices for artificial photosynthesis.	Professor Kazuyuki Ishii The University of Tokyo
Dr Nicholas Payne University of New South Wales	Global expansion of hypoxia and the eco-physiology of fish.	Associate Professor Akinori Takahashi National Institute of Polar Research
Dr Muhammad Saqib Murdoch University	Analysis of functional network of transcription factors that are involved in virus attack.	Professor Masaru Ohme-Takagi National Institute of Advanced Industrial Science and Technology (AIST)
Dr Timothy Young The University of Sydney	Post-mitotic cortical neuron maturation is controlled by TCAs for neuronal circuit formation.	Dr Tomomo Shimogori RIKEN