

2004 DISCOVERY PROJECTS QUEEN ELIZABETH II FELLOWS

| Fellow Name | Administering Organisation | Project ID | Project Title |
|----------------|------------------------------------|------------|--|
| Dr P Altermatt | The Australian National University | DP0452375 | Improving silicon grain boundaries by linking electronic material quality and device manufacturing conditions |
| Dr M Barnett | Deakin University | DP0449994 | Modelling twinning transitions in light metals: a new foundation for alloy and process development |
| Dr B Caldwell | The Australian National University | DP0451057 | Reducing child deaths among the poor in Asian cities: the cultural, social and institutional determinants of child survival |
| Dr S Connell | The University of Adelaide | DP0449427 | Local and regional investigations into perturbations of marine habitat |
| Dr D Dougan | La Trobe University | DP0450051 | AAA+ proteases: substrate binding, translocation and modulation by novel adaptor proteins |
| Dr R Eves | The Australian National University | DP0451620 | Oceanic Encounters: colonial and contemporary transformations of gender and sexuality in the Pacific |
| Dr A Gillett | Macquarie University | DP0452817 | Communication and Media in the Development of the Post-Roman/Early Medieval and Byzantine World (fifth to eighth centuries) |
| Dr E McKone | The Australian National University | DP0450636 | Special cognitive processing for faces: Expertise effects, and links to neural mechanisms. |
| Dr M Monteiro | The University of Sydney | DP0453105 | Synthesis of nanocomposite polymers with targeted properties. |
| Dr K Ostrikov | The University of Sydney | DP0452688 | Self-organised complex ionised gas systems for ordered nanometre-scale assemblies |
| Dr H Qi | The University of New South Wales | DP0449454 | Nonsmooth Optimization in Constrained Spline Interpolation |
| Dr H Wang | The University of Sydney | DP0452829 | Template-Free Synthesis of Zeolite Nanocrystals and Their Application for Zeolite-Polymer Nanocomposites |
| Dr R Smernik | The University of Adelaide | DP0450683 | Towards a Molecular-Scale Understanding of Sorption of Organic Pollutants to Soil |
| Dr K Truscott | La Trobe University | DP0450051 | AAA+ proteases: substrate binding, translocation and modulation by novel adaptor proteins |
| Dr C Turney | University of Wollongong | DP0451152 | Radiocarbon dating frontiers: Testing hypotheses of human evolution and environmental change in Australasia and Southeast Asia (60,000-25,000 years ago) |