

**Successful Group Missions funded under the Australia-China Science and Research Fund (ACSRF)**

**Group Missions (2011-2014**)

Group Missions were intended as flexible mechanisms to allow relationships to extend beyond ‘meet and greet’ activities towards more complex undertakings related to research and its application.

For example, missions could be used for purposes such as negotiating and signing new Australia-China research facilitation agreements, sending teams to plan joint research-related programs with Chinese partners, or research/industry missions.

Group mission activities could include:

* Early and mid-career researcher exchange programs with Chinese partners
* Research-related workshops and symposia with Chinese partners
* Research-related visits and secondments of Australian researchers to China (including cross-disciplinary and cross-institutional missions)
* Research-industry missions to China.

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| Grant Type | Australian Eligible Research Organisation | Project title | Funding  (GST excl.) |
| 2011-12 Group Missions | NICTA | Effectively and efficiently building trustworthy systems | $43 700 |
| 2011-12 Group Missions | The University of Sydney | Collaboration with Tsinghua University on electrostatic levitation and exploration of related industry opportunities | $38 400 |
| 2011-12 Group Missions | The University of Sydney | Development of a collaborative relationship between the University of Sydney and Tsinghua University in the field of quantum science to enhance Australia's research and industrial partnerships | $37 000 |
| 2011-12 Group Missions | University of Western Sydney | Partnership with Peking University Institute of Mental Health and Shanghai Mental Health Center on mitigating the mental health consequences of environmental disasters | $45 000 |
| 2011-12 Group Missions | Macquarie University | Development of strategic links between Macquarie University, Beijing Language and Culture University and other project partners on language acquisition and childhood language disorders | $13 455 |
| 2011-12 Group Missions | The University of Western Australia | Strengthening collaboration with Dalian University of Technology and Hohai University on geotechnical challenges in oil and gas extraction from shallow to deep waters and exploration of related industry opportunities | $37 800 |
| 2011-12 Group Missions | The University of Western Australia | Strengthening collaboration with Sun Yat-sen University on novel chemical drug development against H. pylori infection | $29 500 |
| 2011-12 Group Missions | University of Western Sydney | Strengthening Australia-China cooperation in research on plants for use in traditional Chinese medicine | $20 000 |
| 2011-12 Group Missions | Macquarie University | Building strong university-industry partnerships between Australia and China in service and cloud computing and business process management | $23 900 |
| 2011-12 Group Missions | University of the Sunshine Coast | Collaboration with the China Eucalypt Research Centre on disease resistance screening to protect trees from eucalyptus rust and other pathogens | $28 010 |
| 2011-12 Group Missions | University of South Australia | Collaboration with Renmin University to advance rural Australia and China community enterprise development through connected infrastructure systems | $44 400 |
| 2011-12 Group Missions | Southern Cross University | Collaboration with Beijing University of Technology in e-health research | $45 000 |
| 2011-12 Group Missions | University of the Sunshine Coast | Collaboration with the Beijing Genomics Institute to strengthen genomics research capacity | $45 000 |
| 2011-12 Group Missions | University of Newcastle | Collaboration to strengthen the research capabilities of the Australia-China Research Centre for Crop Improvement | $40 000 |
| 2011-12 Group Missions | Southern Cross University | Collaboration with Tianjin University of Sport and partners to promote animal welfare and performance in the race horse industry | $32 120 |
| 2011-12 Group Missions | Queensland University of Technology | Enhancing Science, Technology, Engineering and Mathematics [STEM] education through collaborative research partnerships in the Asia Pacific region | $43 383 |
| 2011-12 Group Missions | University of Adelaide | Collaboration with Shandong University and others to build resilience to health impacts due to climate change/extreme heat among the elderly community | $45 000 |
| 2011-12 Group Missions | University of Newcastle | Collaboration with Xiamen University on exploring chemical compounds using computer assisted mathematics, combinatorics and graph theory | $35 000 |
| 2011-12 Group Missions | James Cook University | Strategic collaboration with the Institute of Soil and Water Conservation, Chinese Academy of Sciences and other collaborators on new models for flood forecasting and water management | $45 000 |
| 2011-12 Group Missions | Royal Melbourne Institute of Technology | Collaboration with Beijing General Institute of Mining and Metallurgy on mineral processing technologies | $45 000 |
| 2011-12 Group Missions | Griffith University | Collaboration with Research Centre for Eco-Environmental Sciences, Chinese Academy of Sciences in the area of biological mechanisms of soil carbon and nitrogen cycling | $42 500 |
| 2011-12 Group Missions | Australian National University | Collaboration with Jiangnan University to establish a laboratory for research into advanced functional materials | $40 000 |
| 2011-12 Group Missions | Griffith University | Collaboration with Sun Yat-sen University in the field of cancer stem cell research | $44 700 |
| 2011-12 Group Missions | Swinburne University of Technology | Collaboration with the University of Science and Technology of China to develop smart interfaces | $44 800 |
| 2011-12 Group Missions | Queensland University of Technology | Collaboration with Beijing Jiaotong University to build Australia-China research-industry collaboration in service and process innovation | $45 000 |
| 2011-12 Group Missions | University of Technology, Sydney | Collaboration with Peking University in the field of requirements engineering for IT services | $30 000 |
| 2011-12 Group Missions | Swinburne University of Technology | Collaboration with Tsinghua University and industrial partners to develop green photonics for a sustainable future | $45 000 |
| 2011-12 Group Missions | Edith Cowan University | Collaboration with Tianjin Normal University on research methodologies relating to student exchanges | $25 000 |
| 2011-12 Group Missions | Charles Sturt University | Bilateral collaboration with the University of Shanghai for Science and Technology in the field of forensic computing | $11 100 |
| 2011-12 Group Missions | Charles Sturt University | Collaboration with Harbin Institute of Technology in the field of computer-enhanced surgical systems | $38 000 |
| 2011-12 Group Missions | CSIRO | CSIRO science, innovation and trade group mission to the Chinese Academy of Sciences and other Chinese research and industry organisations | $45 000 |
| 2011-12 Group Missions | CSIRO | Establishment of long term collaboration in ophthalmic biomaterials with Wenzhou Medical College to develop drug delivery methods and tissue-engineered constructs to treat ocular disease | $27 500 |
| 2011-12 Group Missions | University of Southern Queensland | Collaboration with Nanjing University on research partnerships in climate science, agricultural systems and sustainable water resources | $45 000 |
| 2011-12 Group Missions | University of Southern Queensland | Collaboration with Zhejiang University on future materials and composites | $40 000 |
| 2012-13 Group Missions | University of Canberra | Collaboration with BGI-Shenzhen in the field of Genomics and Bioinformatics for Human Health and the Environment | $37 800 |
| 2012-13 Group Missions | University of Melbourne | Collaboration with Donghua University to establish multilateral, cross-disciplinary, and cross-institutional polymer research cooperation | $45 000 |
| 2012-13 Group Missions | University of Melbourne | Collaboration with North Western Polytechnical and South West Jiatong Universities in the field of information science to support agricultural systems | $44 692 |
| 2012-13 Group Missions | University of Canberra | Collaboration with Hunan University in the field of intelligent data mining and information fusion | $31 720 |
| 2012-13 Group Missions | Deakin University | Collaboration with Shanghai Jiao Tong University to promote best-practice and innovation in cross-cultural mental health research | $20 585 |
| 2012-13 Group Missions | Rail CRC Ltd | Collaboration with the China Academy of Railway Sciences (CARS) in the field of rail research | $37 136 |
| 2012-13 Group Missions | The University of Adelaide | Collaboration with the Center for Chinese Agricultural Policy, Chinese Academy of Sciences in the field of food security | $38 400 |
| 2012-13 Group Missions | Monash University | Collaboration with Tsinghua University and three other Chinese universities in the area of cleaner fuels research and development | $43 500 |
| 2012-13 Group Missions | University of South Australia | Collaboration with Shanghai Jiaotong University in the field of environment regulated self-organization of biomacromolecules | $42 320 |
| 2012-13 Group Missions | Monash University | Collaboration with Tsinghua University in the field of technology relating to sustainable, alternative energy from the deep earth | $39 300 |
| 2012-13 Group Missions | Victoria University | Collaboration with Harbin Institute of Technology in the field of renewable energy and fuel cell technologies | $18 400 |
| 2012-13 Group Missions | Victoria University | Collaboration with the University of Science and Technology of China in the field of spatiotemporal identification of health events and complex event processing | $44 621 |
| 2012-13 Group Missions | Flinders University | Collaboration with Hunan University on Supercomputing Computational Intelligence and Simulation | $45 000 |
| 2012-13 Group Missions | The University of Adelaide | Collaboration with Peking University and Huazhong University of Science and Technology in the field of Nanophotonics to harness the power of nanoparticles using emerging photonic platforms | $33 300 |
| 2012-13 Group Missions | Flinders University | Flinders University Group Mission to Strengthen Multi-Faceted Research Collaborations with Hunan University and Central South University, Changsa, China | $45 000 |
| 2012-13 Group Missions | La Trobe University | Collaboration with Nankai University to promote the Early Identification of Autism Spectrum Disorders in Tianjin, China | $25 500 |
| 2012-13 Group Missions | La Trobe University | Collaboration with the Chinese Academy of Sciences on pharmacological strategies to treat obesity | $27 500 |
| 2012-13 Group Missions | Burnet Institute | Building a collaborative research agenda with Nanjing University and members of the Australia China Association for Biomedical Sciences (ACABS) in the field of biomedical research | $45 000 |
| 2012-13 Group Missions | Burnet Institute | Collaboration with the Institute for Pathogen Biology, Chinese Academy of Medical Sciences, in the area of novel tuberculosis diagnostics. | $13 300 |
| 2012-13 Group Missions | Smart Services CRC | Development of a Collaboration between Smart Services CRC, Tsinghau University, Hunan University, the Beijing Film Academy and X Media Lab China in the area of 3D immersive broadband services | $45 000 |
| 2012-13 Group Missions | The University of New South Wales | Collaboration with the China University of Mining and Technology in the area of radar remote sensing techniques and mining | $29 500 |
| 2012-13 Group Missions | University of Technology Sydney | Collaboration with the Chinese Academy of Sciences on the effects of drought on carbon and hydrological cycles of terrestrial ecosystems | $28 750 |
| 2012-13 Group Missions | The University of New South Wales | Collaboration with Zhejiang University and the Chinese Academy of Arts & Social Sciences on Intergenerational Solidarity in China: Public and Private Time and Money Transfers in an Era of Demographic Change | $44 000 |
| 2012-13 Group Missions | The University of Queensland | Collaboration with the Nature Biodiversity Research and Conservation Centre to improve the understanding of biodiversity and fishery threats and responses in coastal zones | $40 770 |
| 2012-13 Group Missions | University of Technology Sydney | Collaboration with Shanghai University to develop a joint long-term research program for Sustainable Smart Cities | $42 500 |
| 2012-13 Group Missions | Curtin University of Technology | Collaboration with Huazhong University of Science and Technology to improve the Project Life Cycle Management of Building and Infrastructure through Building Information Modelling (BIM) | $40 200 |
| 2012-13 Group Missions | National ICT Australia | Collaboration with Tsinghua University, to develop advanced machine learning for social media analysis | $45 000 |
| 2012-13 Group Missions | CO2CRC Ltd | Collaboration with Tsinghua University, NICE and other partners to establish joint R&D programs in the field of CO2 Capture | $25 000 |
| 2012-13 Group Missions | The Australian National University | Collaboration with Tsinghua University Beihang University and CityU-Zhenshen and others to strengthen Australia-China cooperation in computational social science and research into information diffusion in social media | $41 700 |
| 2012-13 Group Missions | Curtin University of Technology | 4th (2013) Sino-Australian Symposium on Advanced Coal and Biomass Utilisation Technologies | $45 000 |
| 2012-13 Group Missions | Griffith University | Collaboration with Institute Pasteur Shanghai and the Chinese Academy of Sciences Institute for Microbiology and Immunology on antiviral drug discovery | $22 540 |
| 2012-13 Group Missions | Griffith University | Collaboration with the Institute of Psychology, Chinese Academy of Sciences in the field of mental health to enhance Australia's research and industrial partnership | $40 250 |
| 2012-13 Group Missions | University of Wollongong | Collaboration with Shanghai Institute of Microsystem and Information Technology (Chinese Academy of Sciences) to explore the application of carbon nanomaterials in terahertz science and technology | $20 000 |
| 2012-13 Group Missions | University of Wollongong | Collaboration with Shanghai Advanced Research Institute (Chinese Academy of Sciences) to develop a novel carbon neutral desalination process based on forward osmosis (FO) and membrane distillation (MD) | $24 400 |
| 2012-13 Group Missions | Edith Cowan University | Collaboration with Capital Medical University, Beijing, China to jointly conduct a pilot survey on suboptimal health status | $34 000 |
| 2012-13 Group Missions | Commonwealth Scientific and Industrial Research Organisation | Collaboration with Satellite Surveying and Mapping Application Centre, National Administration of Surveying, Mapping and Geoinformation (NASG) to conduct national scale assessment and monitor natural resources by using satellite data | $37 100 |
| 2012-13 Group Missions | James Cook University | Strengthening Collaboration with Tianjin University on Dental Ceramic Fabrication and Characterization | $45 000 |
| 2012-13 Group Missions | Woolcock Institute of Medical Research | Collaboration with the China Asthma Alliance (CAA) to improve the understanding and management of severe asthma | $15 000 |
| 2012-13 Group Missions | James Cook University | Collaboration with Wenzhou Medical College to explore treatment mechanisms for orthodontic management of periodontal diseases in adult and aged population | $44 950 |
| 2012-13 Group Missions | Queensland University of Technology | Collaboration with three leading Chinese groups to develop a comprehensive platform for in-depth understanding of nanomaterial behaviours based on theoretical, numerical and experimental studies | $45 000 |
| 2012-13 Group Missions | The University of Queensland | Collaboration with Huazhong Agricultural University to understand the Epigenetic Regulation of Important Agricultural Traits in Canola | $13 500 |
| 2013-14 Group Missions | RMIT University | Collaboration with Tsinghua University and Harbin Institute of Technology to develop integrated international construction supply chains: knowledge cluster for seamless off-site housing (OSH) systems | $44 638 |
| 2013-14 Group Missions | University of South Australia | Collaboration with Tianjin University to develop a strategic partnership in the field of urban sustainability research | $45 000 |
| 2013-14 Group Missions | Griffith University | Collaboration with Yunnan Police Officer Academy to build counter-narcotics capacity | $43 732 |
| 2013-14 Group Missions | University of the Sunshine Coast | Collaboration with East China Normal University to boost subtropical planted forests carbon stock and timber via soil amendment of biochar | $44 760 |
| 2013-14 Group Missions | Southern Cross University | Development of a strategic collaboration between Zhejiang University and Huazhong Agricultural University in major food crop seed grain composition and nutritional quality. | $44 940 |
| 2013-14 Group Missions | University of Technology, Sydney | Collaboration with Shanghai Jiaotong University and other partners to build a Research Network for Big Data Analytics | $40 905 |
| 2013-14 Group Missions | University of Ballarat | Collaboration with the Nanjing Institute of Geography and Limnology Chinese Academy of Sciences (NIGLAS) to develop a China Australia Floodplain Wetland Network research partnership | $40 290 |
| 2013-14 Group Missions | The HEARing CRC Limited | Collaboration with Beijing Language and Cultural University on hearing impairment and language acquisition | $43 556.25 |
| 2013-14 Group Missions | University of Melbourne | Collaboration with Fudan University to understand human immunity to A/H7N9 infection | $20 000 |
| 2013-14 Group Missions | Flinders University | New directions in marine biotechnology: a collaboration between Flinders University and the Chinese Academy of Sciences. | $45 000 |
| 2013-14 Group Missions | University of New South Wales | Collaboration with the Chinese Centre for Antarctic Astronomy to undertake astronomical research and develop infrastructure at China's Kunlun Station in Antarctica | $45 000 |
| 2013-14 Group Missions | University of Western Sydney | Collaboration with the Chinese Center for Disease Control and Prevention to apply health informatics to map disease transition in China | $30 261.61 |