



Queensland's International Research Links
July 2011

About this document

In April 2011, diplomats from over 70 countries representing the Canberra based Diplomatic Corps visited Queensland for an official visit to see, first hand, that Queensland was back in business following its summer of natural disasters.

Part of the visit included a presentation on Queensland's Smart State Vision: an overview of Queensland's policy and investment to build a diversified economy that includes knowledge intensive products and services.

This summary of Queensland's international partnerships was produced in response to the high level of interest generated by this presentation on opportunities for collaboration with Queensland.

The directory provides an alphabetical listing of key research by country. Contact details to follow up on specific queries are included for each entry.

ARGENTINA

- Queensland Institute of Medical Research (QIMR) is a member of the international melanoma genetics consortium along with Argentina
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- Queensland Museum – Museo Argentino de Ciencias Naturales on the National Science Foundation’s Goblin Spider Planetary Biodiversity Inventory (PBI)
Dr John Hooper
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AUSTRIA

- CAST Cooperative Research Centre – Light Metals Technologies Ranshofen Ltd (LKR) on metals technology research
Dr George Collins
+617 3365 3574
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- The Australian Institute of Marine Science – University of Vienna on the impact of climate change on a model marine symbiosis
Dr Peter Doherty
Research Director
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- The University of Queensland Diamantina Institute – Medical University of Vienna on proteomics bioinformatics and melanoma biomarkers
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BANGLADESH

- The Crawford Fund supports agricultural research projects with Asia Pacific countries including Bangladesh
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BELGIUM

- Queensland Institute of Medical Research (QIMR) is a member of the Ovarian Cancer Association Consortium and the Breast Cancer Association Consortium along with Belgium
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- Queensland Museum – Royal Museum for Central Africa (Belgium) and Royal Belgian Institute of Natural Sciences on the National Science Foundation’s Goblin Spider Planetary Biodiversity Inventory (PBI)
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- The University of Queensland Global Change Institute – ADE s.a Consulting Services on Technical Assistance for Implementing the Small Islands Developing States Mauritius Strategy in the Eastern and Southern Africa and Indian Ocean (ESA-IO) Region
Mr Ian Harris
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BHUTAN

- Griffith University's International Centre for the Management of Pest Fruit Flies works collaboratively with Bhutan to find solutions to the region's fruit fly problem

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BRAZIL

- CSIRO Queensland Centre for Advanced Technologies (QCAT) has a rock slope stability project commissioned by several mining companies including Vale (CVRD), Rio de Janeiro
- James Cook University – Association of the Tariana of the Upper Rio Negro on Languages of the Amazon (Brazil), an account on linguistic diversity in Amazonia
- Queensland Institute of Medical Research (QIMR) is a member of the International melanoma genetics consortium along with Brazil
- Queensland Museum – Museu de Ciências Naturais do Rio Grande do Sul; Museu Paraense Instituto Butantan Emílio Goeldi; Universidade Federal de Minas Gerais on the National Science Foundation's Goblin Spider Planetary Biodiversity Inventory (PBI)
- The Australian Institute of Marine Science has a formal partnership with the Universidade Federal Do Rio Grande on marine science

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CAMBODIA

- The Crawford Fund supports agricultural research projects with Asia Pacific countries including Cambodia
- Griffith University's Institute for Glycomics – Institute Pasteur Cambodia on new generation anti-influenza drugs

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CANADA

- Australian Institute for Commercialisation – Ontario Centres of Excellence Canada (OCE) on commercialisation policy
- CAST CRC – CANMET Materials Research Lab Natural Resources on metals technology research

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- CRCMining – University of Alberta on mining research

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- Department of Education and Training – University of Toronto on early childhood education research

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- Geological Survey of Queensland

 - works with several partners including British Columbia on the management and delivery of geoscience data including systems and standards
 - Memorandum of Understanding with British Columbia on online geoscience databases for responsible resource management

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- Griffith University

 - Centre for Drug Research Development and the Vancouver Prostate Centre on the Queensland-British Columbia Drug Discovery Alliance
 - Eskitis Institute and Simon Fraser University on drug discovery projects
 - International multicentre trial for stem cell treatment of spinal cord injury at the Institute of Glycomics
 - The Université de Montréal on a policing and security project

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- Queensland University of Technology (QUT) Institute of Health and Biomedical Innovation (IHBI)

 - Vancouver Prostate Centre on the Australia- Canada Prostate Cancer Research Alliance
 - British Columbia's Centre for Drug Research; Vancouver Prostate Centre on the Queensland-British Columbia Drug Discovery Alliance
 - University of British Columbia; McMaster University; University of Saskatchewan on the Australia-Canada-India Chlamydia Research Alliance
 - University of British Columbia; Dalhousie University on palliative care research
 - Rick Hansen Institute on the Queensland-Canada Spinal Cord Injury Alliance

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- The Australian Institute of Marine Science – Dalhousie University on marine science

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- The University of Queensland

 - The Institute for Molecular Bioscience (IMB) is a member of the International Cancer Genome Consortium

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- Diamantina Institute – University of British Columbia on lipid raft proteomics
- Faculty of Business, Economics and Law – University of Ottawa on comparative law

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CHILE

- CSIRO Queensland Centre for Advanced Technologies (QCAT) has a rock slope stability project commissioned by several mining companies including Xstrata Copper, Antofagasta and Compania Minera Dona Ines de Collahuasi SCM, Iquique
- Queensland Institute of Medical Research is a member of the International melanoma genetics consortium along with Chile
- The University of Queensland – Fundación Chile in developing research and design projects with the minerals industry in Chile

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CHINA

- The Queensland Government has formal agreements with the Chinese Ministry of Science and Technology and the Chinese Academy of Sciences to promote research cooperation in agreed priority areas including climate change, medical research and clean energy
- CAST Cooperative Research Centre – Anhui University, Northwest Institute for Nonferrous Metal Research, BaoTi Group and JuBao on a range of metals technology research and commercialisation
- CSIRO Plant Industry
 - Yunnan Sugar Research Institute on sugarcane breeding and biotechnology
 - CAS National Centre for Gene Research, Shanghai, on wheat genome sequencing
- CSIRO Queensland Centre for Advanced Technologies (QCAT) – Huainan Coal Mining Group and the China Coal Information Institute on a range of projects for the resources industry
- Geological Survey of Queensland (GSQ)
 - Memorandum of Understanding with the China Geological Survey on geoscience information management including HyLogger
 - works with several countries including China on the management and delivery of geoscience data including systems and standards
- Griffith University (GU)
 - China University of Mining Technology on GU's Confucius Institute with a focus on tourism research
 - Peking University joint research and learning centres on applied linguistics, biosecurity, environment and population health
 - Peking University – Griffith Asia Institute on the Australia-China

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- Futures Dialogue initiative
- Chinese Academy of Sciences (CAS) climate adaptation collaboration
 - CAS Xishuangbanna Tropical Botanical Garden joint project on forest biodiversity
 - Institute for Glycomics – Institut Pasteur Shanghai on drug research
 - Eskitis Institute is a member of the international multicentre trial for stem cell treatment of spinal cord injury along with China
 - Eskitis Institute has sent staff to the Shanghai Institute for Materia Medica to research the use of traditional Chinese medicine to treat malaria
- James Cook University – Shandong University on the Asia-Pacific Emergency Disaster Nursing Network (APEDNN)

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 - Mines and Energy, Queensland Government in partnership with Tarong Energy and CSIRO are involved in post-combustion capture (PCC) technology trial plants at Tarong and another at Gaobeidian Power Station in Beijing

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 - Institute of Health and Biomedical Innovation (IHBI) – Ruijin Hospital, Shanghai Jiaotong University on wound management research
 - QUT School of Public Health – Peking University on child protection research
 - Wuhan University on bone regeneration and osseo integration research
 - QUT is a member of the Australian Technology Network (ATN) – International Strategic Technology Alliance (ISTA) of universities in China nanotechnology network
 - University of Hong Kong on prostate cancer research

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 - Hebei University on the National Science Foundation's Goblin Spider Planetary Biodiversity Inventory (PBI)
 - Chinese Academy of Sciences (CAS) Xishuangbanna Tropical Botanical Garden on a forest biodiversity project

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- The University of Queensland (UQ)
 - Tianjin University on UQ's Confucius Institute with a S&T focus
 - Baosteel Group Joint R&D Centre on sustainable steel production
 - Xi'an Jiaotong University – UQ School of Biomedical Sciences on diabetes -related heart disease project
 - Chinese Academy of Sciences (CAS) Dalian Institute of Chemical Physics and Institute of Metals Research – Australian Institute for Bioengineering and Nanotechnology (AIBN Clean Energy Alliance
 - CAS Institute of Biophysics – Queensland Brain Institute (QBI) joint research laboratory for neuroscience and cognition
 - CAS Institute of Neuroscience (Shanghai) – QBI researcher exchanges
 - Chinese Second Military Medical University – QBI genetic studies
 - CAS Shanghai Institutes for Biological Sciences – Diamantina Institute on oral cancer research
 - Wenzhou Medical College – Diamantina Institute on vaccines
- University of Southern Queensland (USQ)
 - Natural Science Foundation of China – Australian Centre for Sustainable Catchments on climate science
 - Institute of Scientific and Technical Information of China; Jiangsu Province Hospital of TCM; The General Hospital of the People's Liberation Army on improving surgical process using information quality concepts

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COLOMBIA

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CZECH REPUBLIC

- Griffith University Eskitis Institute is a participant of the international multicentre trial for stem cell treatment of spinal cord injury along with the Czech Republic, China, Italy, and the UK
- Queensland Institute for Medical Research (QIMR) is a member of the Breast Cancer Association Consortium along with the Czech Republic

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DENMARK

- CAST CRC – Technical University of Denmark on metals technology research
- Queensland Institute for Medical Research (QIMR) is a member of the Breast Cancer Association Consortium and Ovarian Cancer Association Consortium

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- Queensland Museum – Global Biodiversity Information Facility (GBIF) on a World Spider Catalogue

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- The University of Queensland (UQ) Faculty of Business, Engineering and Law – Copenhagen Business School on international business

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ECUADOR

- James Cook University – National Secretariat of Science & Technology (SENESCYT) cooperation in science and engineering

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EUROPEAN UNION

- James Cook University is working on a palm oil production in Papua New Guinea project funded by the EU, ACIAR and AusAID
- Queensland University of Technology Wound Management Innovation Cooperative Research Centre has collaborations with the EU

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FIJI

- Agri-Science Queensland, QLD Government
 - Integrated pest management in a sustainable production system for brassica crops
 - Improved farming systems for managing soil-borne pathogens of ginger
 - Biological control of 'mile-a-minute' (*Mikania micrantha*)
 - Improving the value and marketability of coconut wood
- BSES Limited – Sugar Research Institute of Fiji on projects including management of Fiji leaf gall and, integrated management of sugarcane weevil borer
- James Cook University
 - University of the Asia Pacific (Fiji): developing aquaculture based livelihoods in the Pacific Islands region and tropical Australia
 - Secretariat of the Pacific Community (New Caledonia): pearl industry development Fiji & Tonga, supporting development of the cultured pearl industries in Fiji and Tonga

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FINLAND

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FRANCE

- BSES Limited – CIRAD France Memorandum of Understanding on sugar research (2008-2013)

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- CAST CRC – ENSIACET on metals technology research

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- Central Queensland University (CQU) – Faiveley Transport on the Oz-ECP Brake Project; Train Health Advisory System

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- Griffith University (GU)
 - International Music Council (UNESCO) on music cultures research
 - Pro-Natura International on climate change and biodiversity in conjunction with the USA and China
 - Institut for Glycomics – Institut Pasteur on new generation anti-influenza drugs

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- Queensland Museum
 - Museum National d'Histoire Naturelle on marine barcoding of Life (MarBOL) project
 - Institut pour Recherché et Développement (IRD), New Caledonia & French Polynesia, Pharmacochimie des Substances Naturelles et Pharmacophores Redox

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- Queensland University of Technology (QUT) – French National Institute for Transport and Safety Research on road safety research

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- The University of Queensland (UQ)
 - UQ, through the Group of Eight universities, has a joint PhD arrangement with the European Molecular Biology Laboratories (EMBL)
 - Institute for Molecular Bioscience (IMB) is a member of the International Cancer Genome Consortium

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- University of Southern Queensland (USQ)
 - Australian Centre for Sustainable Catchments – Observatoire de Paris; Observatoire Astrophysique de Toulous on the French-Australia astronomy research on early history of solar activity
 - University of Picardie Jules Verne on artificial intelligence techniques to measure the depth of anaesthesia

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GERMANY

- CAST Cooperative Research Centre – Helmholtz-Zentrum Geesthacht GmbH and Honsul on metals technology research
- CRCMining – Herrenknecht AG on oscillating disc cutting technology
- Griffith University Institute for Glycomics – Max Planck Institute and Hannover Medical School on carbohydrate science and infectious disease research
- James Cook University – University of Cologne on the Languages of the Amazon (Brazil) project, an account of linguistic diversity in Amazonia
- Queensland Clinical Trials Network Inc (QCTN) – Fraunhofer Institute of Toxicology and Experimental Medicine on preclinical and clinical research
- Queensland Museum
 - Humboldt-Universität zu Berlin; Ludwig-Maximilians-Universität; University of Göttingen on the Deep Ocean Australia exploration of the Queensland Plateau
 - Ludwig-Maximilians-Universität Sponge Barcoding Project on the genetic sequencing of Porifera
 - Zoologisches Institut und Museum, Greifswald on the National Science Foundation's Goblin Spider Planetary Biodiversity Inventory (PBI)
- Queensland University of Technology (QUT)
 - Humboldt University of Berlin joint PhD program in regenerative medicine
 - Ludwig-Maximilians-Universität München; Technical University of Munich on cancer research
 - Charité - Universitätsmedizin Berlin; Centre for Regenerative Therapies Dresden on regenerative medicine
 - Max Bergman Centre for Biomaterials Dresden on biomaterials
 - Freiburg Centre for Data Analysis at Albert-Ludwigs-Universität on health economics
 - Albert-Ludwigs-Universität Freiburg on psychology and international health research
 - University of Ulm; Technical University of Munich; University of Saarland on biomechanics and orthopaedic research

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 - Australian Institute for Bioengineering and Nanotechnology (AIBN) – Forschungszentrum Jülich on gas separation
 - Institute for Molecular Biosciences (IMB) is a member of the International Cancer Genome Consortium and the Solar Biofuels Consortium
 - Queensland Brain Institute – Munich Center for Neurosciences, Ludwig-Maximilians-Universität München on neuroscience
 - Diamantina Institute – Zentrum für Experimentelle und Klinische Infektionsforschung, Hannover on autoimmune disease
- University of Southern Queensland Computational Engineering and Science Research Centre – University of Stuttgart partnership with NASA and SETI Institute on measurement and simulation
- University of the Sunshine Coast – German Sports University on human movement and sports science

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ICELAND

- Queensland Museum – University of Iceland collaboration on systematic of marine Isopoda crustacea

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INDIA

- The Queensland Government has a formal agreement with the Indian Ministry of Science and Technology, through the Department of Biotechnology to promote research cooperation in agreed priority areas including medical and agricultural biotechnology, clean energy and climate change
- Agri-Science Queensland, QLD Government
 - Feasibility of using medium range seasonal climate forecasting to improve crop production in Andhra Pradesh, India
- CSIRO Plant Industry – Tamil Nadu University on fungal disease resistance in rice and wheat
- Queensland Museum – Wildlife Institute of India, Dehradun; World Wildlife Fund for Nature (India) on mygalomorph
- Queensland University of Technology (QUT)
 - Indian Institute of Technology Madras; India Society for Electronic Transaction and Security on Protecting Critical Infrastructure from

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- Indian Council of Medical Research on the Australia-Canada-India Chlamydia Research Alliance
- Manipal University on wound healing research
- The University of Queensland (UQ)
 - Australian Institute for Bioengineering and Nanotechnology (AIBN) – National Chemical Laboratories, Pune on clean energy and biomass
 - Queensland Brain Institute (QBI) – Tata Institute of Fundamental Research, Department of Biological Science, Mumbai project on depression and anxiety
 - The National Research Centre for Plant Biotechnology, New Delhi: agricultural biotechnology joint projects
- University of Southern Queensland (USQ)
 - Australian Centre for Sustainable Catchments – Indian Meteorological Department and Acharya N.G. Ranga Agricultural University on climate science
 - Manipal University, Karnataka on new treatments for obesity, heart disease and diabetes

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INDONESIA

- Agri-Science Queensland, QLD Government
 - Improved hatchery and grow-out technology for marine finfish aquaculture in the Asia Pacific
 - Productivity and market enhancement of tropical pulse crops
- Australian Institute of Marine Science (AIMS) – Hasanuddin University on marine sciences
- Griffith University's International Centre for the Management of Pest Fruit Flies works collaboratively with Indonesia to find solutions to the region's fruit fly problem
- Queensland Museum – Indonesian Institute of Sciences on coral biodiversity of the Coral Triangle
- The Crawford Fund supports agricultural research projects with Asia Pacific countries including Indonesia

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ISRAEL

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ITALY

- Central Queensland University (CQU) Centre for Plant and Water Sciences – Universita di Roma Tor Vergata; Universita di Brescia on solar powered nano-sensors
- Griffith University is a member of the International multicentre trial for stem cell treatment of spinal cord injury along with China, Italy, UK and the Czech Republic
- Queensland Institute of Medical Research (QIMR) is a member of the International melanoma genetics consortium, Breast Cancer Association Consortium and the International melanoma genetics consortium along with Italy
- Queensland Museum – University of Roma Tre on the systematics of Australian blister beetles
- Queensland University of Technology (QUT) – Brescia University and Roma Tor Vergata University on solar powered nanosensors for data acquisition and surveying in remote areas
- The University of Queensland (UQ)
 - UQ, through the Group of Eight universities, has a joint PhD arrangement with the European Molecular Biology Laboratories (EMBL)
 - CIRA (Italian Aerospace Research Agency) on hypersonics
 - Diamantina Institute – Institute of Clinical Physiology CNR, Pisa and the University of Torino on liver disease research
 - Diamantina Institute – S. Giovanni Battista Hospital and the Alma Mater Studiorum University, S. Orsola-Malpighi Hospital, Bologna on obesity research

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JAPAN

- Bond University – Tsukuba University on inductive game theory to understand and combat prejudice
- CAST CRC – Nihon Superior Co Limited, Nissan Japan and Sankyo on metals technology research

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- CSIRO Queensland Centre for Advanced Technologies (QCAT) – Mizuho Research Institution on carbon capture and storage

Dr Mike McWilliams
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- Mines and Energy, QLD Government is involved in the Callide Oxyfuel Project, a low emission coal technology project in conjunction with Japanese companies including IHI, JPower and Mitsui

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- Griffith University – United Nations University on governance

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- Hear and Say Research and Innovation – Osaka University on neuroscience

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- Queensland Clinical Trials Network Inc (QCTN)

 - Kansai Bio Promotion Council (KBPC) on preclinical and clinical research
 - Kurume Research Park on preclinical and clinical research

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- Queensland Institute of Medical Research (QIMR) is a member of the Breast Cancer Association Consortium and the Ovarian Cancer Association Consortium along with Japan

Ms Sarah Tennant
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- Queensland Museum

 - Kitakyushu Museum of Natural History and Human History on the systematic of marine isopoda crustaceans
 - University of the Ryukus on marine natural products chemistry inventories

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- The University of Queensland (UQ)

 - Queensland Brain Institute (QBI) – Riken Brain Science Institute, Saitama on researcher exchanges
 - QBI – School of Medicine, Keio University on neuroscience
 - The Institute for Molecular Bioscience (IMB) is a member of the International Cancer Genome Consortium along with Japan
 - Diamantina Institute – RIKEN, Tsukuba on transcriptional regulation
 - Australian Institute for Bioengineering and Nanotechnology (AIBN) – National Institute of Materials Science on nano-ionics

Mr Ian Harris
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- University of Southern Queensland (USQ)

 - Tokyo University on smart composite materials and structures
 - Kagawa University and Okayama University on a remote surgery training system

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- University of the Sunshine Coast – Tokyo University of Marine Science and Technology on aquaculture biotechnology

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KOREA

- Australian Institute for Commercialisation – Korea Institute of Science & Technology Information (KISTI) on commercialisation support for SME development
Dr John Kapeleris
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- CSIRO Queensland Centre for Advanced Technologies (QCAT) – SK Engineering and Construction (SKEC) and Korea Institute of Geology, Mining and Materials (KIGAM) on coupled fracture mechanics on engineering scales
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- Griffith University – Korea Advanced Institute for Science and Technology (KAIST) on artificial intelligence and robotics
Mr Tony Sheil
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- Queensland Clinical Trials Network Inc (QCTN)
 - Gangwon Technopark on preclinical and clinical research
 - Korean Health Industry Development Institute (KHIDI) on preclinical and clinical researchKirsten Hall
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- Queensland Tropical Health Alliance – International Vaccine Institute based in Seoul
Ms Elizabeth Wickham
CEO
Elizabeth.wickham@jcu.edu.au
- Queensland University of Technology (QUT) – Pukyong National University on nanotechnology
Mr Michael McArdle
Director, Office of Research
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- The University of Queensland Australian Institute for Bioengineering and Nanotechnology (AIBN) – Korea Advanced Institute for Science and Technology (KAIST) on the Australia-Korea Initiative on Bio-based chemicals and materials from renewable resources
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LAOS

- Agri-Science Queensland, QLD Government
 - Forage legumes for supplementing village pigs in collaboration with CIATMr John Chapman
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- The Crawford Fund supports agricultural research projects with Asia Pacific countries including Laos
Dr Kep Coughlan
Manager, Crawford Fund
kepcoughlan@crawfordfund.org

LATVIA

- Queensland Institute of Medical Research (QIMR) is a member of the International melanoma genetics consortium along with Latvia

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MALAYSIA

- Australian Institute for Commercialisation – SIRIM, Ministry of Science, Technology & Innovation (MOSTI), AKEPT on commercialisation skills training and commercialisation management
- Griffith University
 - Malaysian Ministry of Agriculture on the International Centre for the Management of Pest Fruit Flies working collaboratively with Malaysia to find solutions to the region's fruit fly problem
 - Eskitis Institute and the Malaysian Ministry of Science and Technology on helping Malaysia establish a biodiscovery capability
 - Eskitis Institute and the Universiti Malaysia Terengganu on biodiscovery projects and a joint PhD program.

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- Queensland Institute of Medical Research (QIMR) is a member of the Breast Cancer Association consortium along with Malaysia

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MAURITIUS

- Queensland Museum – Bioculture Mauritius Ltd on biodiversity of land snails of Australia

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MEXICO

- Queensland Institute of Medical Research (QIMR) is a member of the Breast Cancer Association, International melanoma genetics consortium and the International Research Alliance for Schistosomiasis Elimination along with Mexico

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NETHERLANDS

- Queensland Institute of Medical Research (QIMR) is a member of the Breast Cancer Association, International melanoma genetics consortium and the Ovarian Cancer Association Consortium along with the Netherlands
- CAST CRC – Corus Ijmuiden on metals technology research

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- CSIRO Queensland Centre for Advanced Technologies (QCAT) – The Energy Research Centre of the Netherlands on perceptions of carbon capture and storage
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- James Cook University – University of Leiden on the Languages of the Amazon (Brazil) project, an account of linguistic diversity in Amazonia
Mr Jasper Taylor
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- Queensland Museum
 - Naturalis Leiden on biodiversity under the SpongeMaps project and National Science Foundation's Goblin Spider Planetary Biodiversity Inventory (PBI)
 - University of Amsterdam on the world Porifera database project
 Dr John Hooper
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- University of Southern Queensland – GreenGran B.V on natural fibre / bio-composites research
Ms Katrina Hall
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- The University of Queensland (UQ) Faculty of Business, Economics and Law – Groningen University on efficiency and productivity analysis
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NEW ZEALAND

- Australian Institute for Commercialisation – New Zealand Institute for Plant & Food Research Limited on developing precision agriculture value chains
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- Griffith University (GU)
 - Institute of Environmental Science and Research on migraine research
 - University of Otago on music cultures research
 - Institute of Glycomics – University of Auckland on carbohydrate science and infectious disease
 Mr Tony Sheil
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- James Cook University (JCU)
 - Ministry of Fisheries (NZ) on pearl industry development Fiji & Tonga
 - University of Canterbury on new materials based on ruthenium complex
 Mr Jasper Taylor
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- Queensland Institute of Medical Research (QIMR) is collaborating with New Zealand on a number of projects including kConfab (genetics of familial breast cancer), the Colon Cancer Family Registry, and on indigenous health
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- Queensland University of Technology – University of Otago on prostate cancer research
Mr Michael McArdle
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- The University of Queensland Faculty of Business, Economics and Law – University of Otago on constitutional law
Mr Ian Harris
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- University of Southern Queensland – University of Auckland on natural fibre / bio-composites research

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NIGERIA

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NORWAY

- CAST CRC – Norwegian Research Institute IFE CAST on metals technology research
- Queensland Institute of Medical Research (QIMR) is a member of the Breast Cancer Association along with Norway
- The University of Queensland (UQ) Diamantina Institute – Norwegian University of Science and Technology and Trondheim University Hospital on inflammatory arthritis

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PAKISTAN

- Agri-Science Queensland, QLD Government
 - Optimising mango supply chains for more profitable horticultural agro-enterprises
- BSES Limited – Ramzan Sugar Mills Limited (RSML) R&D commercial agreement
- University of Southern Queensland (USQ) Australian Centre for Sustainable Catchments – Faisalabad Agricultural University environmental program

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PAPUA NEW GUINEA

- Agri-Science Queensland, QLD Government
 - Culture of promising indigenous fish species and bioremediation for barramundi aquaculture
 - Animal Health Surveillance systems for PNG
 - Productivity and marketing enhancement for peanut
 - Sustainability of sweet potato production in collaboration with the

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- International Potato Centre
 - Biological control of 'mile-a-minute' (*Mikania micrantha*)
 - improved germplasm for forestry and agroforestry in PNG

- Geological Survey of Queensland (GSQ), Queensland Government works with several countries including Papua New Guinea on the management and delivery of geoscience data including systems and standards

Mr David Mason
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- James Cook university
 - Coral Triangle Initiative involving PNG on coral reef protection and management
 - Foundation for People and Community Development, University of Vudal, Organisation for Industrial, Spiritual and Community Advancement, Pacific Islands Projects, Forest Authority, Ok Tedi Development Foundation on the Development of a PNG timber industry based on planted forests
 - National Agriculture Research Institute on establishing a Pacific Food Animal Biosecurity Network
 - PNG Palm Oil Research Association on palm oil production in PNG
 - University of PNG on medicine and health science collaboration

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- Queensland Museum – University of Papua New Guinea on the National Collaborative Drug Discovery Groups for Cancer

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PHILIPPINES

- Agri-Science Queensland, QLD Government
 - Sustaining and growing landcare system in the Philippines
 - Management of bacterial wilt in solanaceous crops
 - Improved hatchery and grow-out technology for marine finfish aquaculture in the Asia Pacific
 - Integrated pest management and supply chain improvement for mangoes in the Philippines and Australia
 - Improved domestic profitability and export competitiveness of selected fruit value chains in the Southern Philippines and Australia

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- Griffith University through the WHO Western Pacific Regional Office based in the Philippines, is working on suicide prevention projects

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- The Crawford Fund supports agricultural research projects with Asia Pacific countries including the Philippines

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- The University of Queensland (UQ) Global Change Institute – University of the Philippines on the World Bank Global Environmental Facility Platform for the Large Marine Ecosystems of East

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POLAND

- Queensland Institute of Medical Research (QIMR) is a member of the Breast Cancer Association, Ovarian Cancer Association Consortium and the International melanoma genetics consortium along with Poland
- Queensland Museum – Institute of Paleobiology Warsaw on phylogeny of living and fossil porifera

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RUSSIA

- Griffith University – Shemyakin-Orchinnikov Institute of Bioorganic Chemistry, Russian Academy of Sciences on carbohydrate science and infectious disease
- Queensland Institute of Medical Research (QIMR) is a member of the Breast Cancer Association along with Russia

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SAMOA

- Agri-Science Queensland, QLD Government
 - Integrated pest management in a sustainable production system for brassica crops
 - Improving the value and marketability of coconut wood

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SINGAPORE

- James Cook University – Duke NUS (Singapore) on the Universal Ultrasensitive Diagnostics Platform Alliance
- Queensland Institute of Medical Research (QIMR) is a member of the Breast Cancer Association along with Singapore
- Queensland Museum – National University of Singapore and Raffles Museum on biodiversity of Decapod crustaceans of the Indo-west Pacific

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SLOVAKIA

- Queensland Museum – Comenius University on taxonomy of fossil isopoda from Europe

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SLOVENIA

- Queensland Institute of Medical Research (QIMR) is a member of the International melanoma genetics consortium along with Slovenia

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SOLOMON ISLANDS

- James Cook University is part of the Coral Triangle Initiative involving the Solomon Islands on coral reef protection and management

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SOUTH AFRICA

- BSES Limited, through the Sugar Research and Development Cooperation (SRDC) is collaborating with South Africa on sugarcane physiology
- CRCMining – Joy Mining on oscillating disc Cutting technology
- CSIRO Queensland Centre for Advanced Technologies (QCAT) has a rock slope stability project commissioned by several mining companies including DeBeers Group Services and, Anglo Gold Ashanti Ltd, Johannesburg
- Eidos Institute is developing an extended South Africa network of universities in the higher educational and policy spheres
- Geological Survey of Queensland (GSQ), Queensland Government works with several countries including South Africa on the management and delivery of geoscience data including systems and standards
- Griffith University
 - University of Cape Town on an ARC Centre of Excellence in Policing and Security
 - The Eskitis Institute and CSIR on drug discovery projects using South Africa's unique biodiversity
- Queensland Museum
 - University of Johannesburg on a range of marine biodiversity

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Dr John Hooper
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- projects
- North-West University on marine biodiversity with a focus on parasitic isopods

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SPAIN

- CAST Cooperative Research Centre (CRC) has commercial R&D arrangements with Bessemer, Hercules and Rovalma on metals technology
- Queensland Institute of Medical Research (QIMR) is a member of the Breast Cancer Association Consortium and the international melanoma genetics consortium and the along with Spain
- Queensland Museum – Universitat Autònoma de Barcelona on taxonomy of marine fish-parasitic Isopoda crustaceans
- The University of Queensland Institute of Molecular Bioscience (IMB) is a member of the International Cancer Genome Consortium along with Spain

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SRI LANKA

- Queensland Museum – National Aquatic Resources Research and Development Agency on Indo-Pacific coral reefs project

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SWEDEN

- Queensland Institute of Medical Research (QIMR) is a member of the Breast Cancer Association Consortium and the international melanoma genetics consortium and the along with Sweden
- Griffith University
 - Eskitis Institute is working with Creative Antibiotics on a collaboration to discover new anti-infective drugs
 - Lund University on music cultures research
- The University of Queensland Diamantina Institute – Astra Pharmaceuticals on liposome immunotherapy
- University of the Sunshine Coast – Karolinska Institute, Stockholm on environmental microbiology

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SWITZERLAND

- CSIRO Plant Industry – ETH Zurich on evolutionary biology of fungal pathogens and biosecurity
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- James Cook University – WHO (Switzerland), Swiss Tropical Public Health Institute on The Vector Control Development Network: a consortium of institutions to analyse malaria transmission
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- Queensland Institute of Medical Research (QIMR) is collaborating with Switzerland on a range of projects including malaria research and Schistosomiasis Elimination
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- Queensland Museum – Natural History Museum Bern on the National Science Foundation's Goblin Spider Planetary Biodiversity Inventory (PBI)
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- Queensland University of Technology (QUT)
 - Ecole Polytechnique Federale Lausanne to develop engineered hydrogels for enhanced tissue regeneration
 - AO Foundation on orthopaedic research
 - Swiss Craniofacial Centre on bone engineering research
- University of the Sunshine Coast – ETH Zurich and University of Geneva on joint projects in electrochemical sensors
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TAIWAN

- Central Queensland University (CQU) Centre for Plant and Water Sciences – World Vegetable Centre, Taiwan on screening tomato germplasm for drought tolerance
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- Griffith University Institute for Glycomics – Academia Sinica on carbohydrate science and infectious disease research
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- Hear & Say Research and Innovation – National Sun Yat-sen University on eLearning Healthy Hearing course
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- Queensland Museum – Academia Sinica on the International Barcode of Life project (iBOL)
Dr John Hooper
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- The Australian Institute for Marine Science (AIMS) – National Science Council of Taiwan Memorandum of Understanding on marine science
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THAILAND

- Agri-Science Queensland, QLD Government
- Improved hatchery and grow-out technology for marine finfish aquaculture in the Asia Pacific.
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- James Cook University – Amidol University on dengue research
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Ms Sarah Tennant
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- Queensland Museum – Prince of Songkla University joint PhDs and collaboration on systematics of Thai and Australian marine isopod
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- The Australian Institute of Marine Science (AIMS) – School of Science at Walailak University Memorandum of Understanding on marine science research cooperation
Dr Peter Doherty
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- The University of Queensland Australian Institute for Bioengineering and Nanotechnology (AIBN) – National Science and Technology Development Agency, Ministry of Science and Technology of Thailand researcher exchanges in nanotechnology
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- University of Southern Queensland (USQ) – Chulalongkorn University and Queen Sirikit National Institute of Child Health on health informatics
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TONGA

- James Cook University is collaborating with the Secretariat of the Pacific Community on the pearl industry development Fiji & Tonga
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TURKEY

- Bond University – University of Antalya on sports research
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UNITED KINGDOM

- CAST CRC – The Open University and University of Glasgow on
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metals technology research

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- Griffith University (GU)
 - London Migraine Centre on migraine research
 - School of Oriental and African Studies, UK on music cultures research
 - University College of London, the Jill Dando Institute of Crime on an ARC Centre of Excellence in Policing and Security
 - Eskitis Institute is involved in the International multicentre trial for stem cell treatment of spinal cord injury in China, Italy, UK and the Czech Republic
 - Eskitis Institute is working with Cambridge University researchers on projects using the Nature Bank drug discovery resource
 - Eskitis Institute is part of an NIH-funded consortium (including Seattle Biomedical Research Institute, University of California San Francisco, University of North Carolina at Chapel Hill and Dundee University) to find new drugs to fight sleeping sickness.

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- James Cook University – University of Southampton on fluid flow and mineralization

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- Queensland Clinical Trials Network Inc (QCTN) – Business Insights on preclinical and clinical research

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- Queensland Institute of Medical Research (QIMR) is a member of the Breast Cancer Association Consortium, Ovarian Cancer Association Consortium, international melanoma genetics consortium, International Research Alliance for Schistosomiasis Elimination and the International Schizophrenia Consortium along with the UK

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- Queensland Museum – British Antarctic Survey UK on the East Antarctic Marine Census, marine biodiversity of Antarctic sea spiders

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- The Department of Environment and Resource Management (DERM) has formal agreements with the Met Office Hadley Centre for Climate Change and Walker Institute for Climate Systems Research

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- Queensland University of Technology (QUT)
 - Oxford University on deep brain stimulation research in Parkinson's disease
 - University of Leicester; Kings College London; UK Health Protection Agency on health economics and infection control
 - University of Manchester on optometry research
 - University of Nottingham on biomaterials research

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- The University of Queensland (UQ)
 - Diamantina Institute has a number of cancer-related research projects with UK partners including the University of Bristol, University of Cambridge, Imperial College London and the University of Oxford
 - Australian Institute for Bioengineering and Nanotechnology (AIBN) –Warwick University; the University of Nottingham on the International Biomaterials Research Alliance: biomaterials for

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- medical applications
- Faculty of Business, Economics and Law - Imperial College on Innovation management and corporate education
- Faculty of Health Sciences – Cardiff University on antibiotic resistant bacteria in India
- The Institute for Molecular Bioscience (IMB) is a member of the International Cancer Genome Consortium and the Solar Biofuels Consortium along with the UK
- University of Southern Queensland (USQ)
 - Australian Centre for Sustainable Catchments – UK Met Office (UKMO); JBA consultants; EcityRisk consultants on climate research
 - Faculty of Engineering & Surveying – University of Picardie Jules Verne on AI techniques to measure the depth of anaesthesia
 - University of Cambridge on nano-composite materials

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UGANDA

- Queensland University of Technology (QUT) is collaborating with the Uganda National Agricultural Research Organisation on the biofortification of Ugandan bananas

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UNITED STATES OF AMERICA

- The Queensland Government has had a formal agreement with the Smithsonian Institution since 2000 to promote research cooperation which includes a fellowship program for Queenslanders to undertake research projects at the Smithsonian
- Australian Research Centre for Aerospace Automation (ARCAA) – Boeing Research & Technology; Massachusetts Institute of Technology on the Smart Skies Project, developing aviation technologies for efficient utilisation of airspace
- CAST Cooperative Research Centre (CRC) has several industry-driven research projects with US organisations on metals technology, including AMPAL, Lockheed Martin; Brach Machinery, Brown University, Emerson Electric, University of North Texas and Worcester Polytechnic Institute
- CSIRO Queensland Centre for Advanced Technologies (QCAT) – Boeing on the the Australian Research Centre for Aerospace Automation (in conjunction with QUT)
- Griffith University (GU)
 - Smithsonian Institution on forest biodiversity
 - Rutgers State University of New Jersey, University of Maryland on the ARC Centre of Excellence in Policing and Security
 - University of Washington on music cultures research
 - Griffith University Institute for Glycomics has several links in the US including the US Dept of Homeland Security, Virginia Commonwealth University, University of Iowa
 - Eskitis Institute is working with the University of Washington, QMIR

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and Charles Darwin University on projects to find new drugs to fight malaria from natural products. This project is funded by the Gates Foundation.

- Eskitis Institute is part of an NIH-funded consortium (including Seattle Biomedical Research Institute, University of California San Francisco, University of North Carolina at Chapel Hill and Dundee University) to find new drugs to fight sleeping sickness.
 - James Cook University (JCU)
 - JCU has a number of projects supported by the Bill & Melinda Gates Foundation such as the Eliminating dengue transmission project and vector control network on malaria
 - University of Hawaii on the Asia-Pacific Emergency Disaster Nursing Network
 - Royal Brisbane and Women's Hospital (RBWH) Centre for the Advancement of Clinical Research
 - Children's Hospital Oakland Research Institute (CHORI), University of California, Irvine on liver diseases research
 - University of Pennsylvania on infectious diseases
 - Queensland Clinical Trials Network Inc (QCTN)
 - BAYBIO on preclinical and clinical research
 - BIOCUM on preclinical and clinical research
 - Burrill & Company on preclinical and clinical research
 - Queensland Institute of Medical Research (QIMR) and the USA are members on several international medical consortia including the Breast Cancer Association Consortium, Ovarian Cancer Association Consortium, International melanoma genetics consortium, the International Research Alliance for Schistosomiasis Elimination, Colon Cancer Family Registry, Eliminate Dengue Project and the International Schizophrenia
 - Queensland Museum
 - Alfred P. Sloan Foundation; Florida Museum of Natural History on Marine Barcoding of Life (MarBOL) project
 - American Museum of Natural History; California Academy of Sciences; City University of New York; George Washington University, University of California; Florida State Collection of Arthropods on NSF's Goblin Spider Planetary Biodiversity Inventory
 - Bernice P. Bishop Museum, Hawaii on ring-tailed geckos
 - Coral Reef Research Foundation, Hawaii & Republic of Palau on marine invertebrates of the Indo-west Pacific
 - Field Museum of Natural History; Paleontological Institute, New York; University of Iowa on the NSF's AToL: BivAToL – Evolution on the Half-shell & The Bivalve (Mollusca) Tree of Life Project
 - Natural History Museum, Los Angeles on marine isopod groups
 - Smithsonian Institution, US National Museum of Natural History on various engagements across departments
 - State University of New York on fish parasitic diseases
 - University of Alabama on AToL: PorToL, The Porifera Tree of Life Project lead agency
 - University of Arizona on Australian mystropomus
 - University of New Mexico on New Caledonian zopherid beetles
 - University of Utah on the National Collaborative Drug Discovery Groups for Cancer (NCDDGC)
 - University of Wisconsin on dental pathology in saltwater crocodiles
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- Queensland University of Technology (QUT)
 - Boeing Research and Technology USA on the Smart Skies project on air traffic management
 - Microsoft on the QUT e-Research Centre
 - Bill & Melinda Gates Foundation on a range of projects undertaken at the QUT Centre for Tropical Crops and Biocommodities
 - Scripps Research Institution on cancer metastasis research
 - University of Washington Medical Centre on prostate cancer research and endometrial cancer genomics
 - Dartmouth College; Midwestern University on development of a chlamydia vaccine
 - Walter Reed Army Institute of Research; Pennsylvania State University on Dengue virus
 - Yale University on postural stability and falls research
 - University of California on early diagnosis on intervention in schizophrenia and addiction
 - Georgia Institute of Technology on biomaterials research
 - Tufts University; University of California, Davis to develop a bioengineered tissue construct for repair of the eye
 - University of California, San Diego on articular cartilage engineering
 - University of Illinois on dementia
 - University of Alabama; University of Michigan; Wichita State University on road safety research
 - University of California, SF on cancer and nursing research

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- The University of Queensland (UQ)
 - Boeing; the US Air Force Research Laboratory (AFRL) on the UQ Hyshot Program on communications satellites
 - Australian Institute for Bioengineering and Nanotechnology (AIBN) has industrial and R&D alliances with the DOW Chemical Company, Amyris Biotechnologies and DSM Biologics
 - AIBN – Fred Hutchinson Cancer Research Centre; the University of Washington; Seattle Biomedical Research Institute on Novel Nanotechnology Platforms for Disease Biomarker Diagnostics Alliance
 - AIBN – Cornell University on nanobiotechnology
 - Diamantina Institute has several cancer-related projects with institutes including the International DNA Technologies, AuraBiosciences and Harvard Medical School, Bassett Research Institute, McArdle Institute and the National Institute of Allergy and Infectious Disease
 - Faculty of Business, Engineering and Law – Wharton School of Business on firm internationalisation
 - Faculty of Health Sciences – National Institutes of Health on projects including breast cancer, disease control and malaria
 - Institute for Social Science Research (ISSR) – George Mason University on police legitimacy
 - ISSR – US Department of Homeland Security on counter terrorism interventions
 - Queensland Brain Institute (QBI) – The Medical University of South Carolina, Charleston on dementia research
 - The Institute for Molecular Bioscience (IMB) is a member of the International Cancer Genome Consortium

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- University of Southern Queensland (USQ)
 - Australian Centre for Sustainable Catchments – National Centre for Atmospheric Research, New York on climate science
 - National Aeronautical and Space Administration (NASA) and Boeing Company Limited on smart composite materials and

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structures

- University of the Sunshine Coast (USC)
 - University of Iowa on cancer prevention and control
 - Oakridge National Laboratory on sustainability and climate change

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VANUATU

- Agri-Science Queensland, QLD Government
 - Improved silvicultural management of endospermum medullosum (whitewood) for enhanced community forestry outcomes
- James Cook University – Department of Forestry (Vanuatu) on germplasm for sandalwood and whitewood
- Translational Research Institute – Australians Helping Abroad, Frazer Family Foundation and the Ministry of Health (Vanuatu) on a HPV five year vaccination program

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VIETNAM

- Agri-Science Queensland, QLD Government
 - Improved hatchery and grow-out technology for marine finfish aquaculture in the Asia Pacific
 - Utilisation of local ingredients in commercial feeds for pigs
 - Development of sustainable tropical spiny lobster aquaculture
 - Improving productivity and fruit quality of sweet persimmon in Vietnam and Australia
- Griffith University's International Centre for the Management of Pest Fruit Flies works collaboratively with Vietnam to find solutions to the region's fruit fly problem
- Queensland Institute of Medical Research (QIMR) and Vietnam are members on the Eliminate Dengue Project
- Queensland University of Technology (QUT)
 - Institute of Health and Biomedical Innovation's (IHBI) – Hue College of Medicine and Pharmacy on a health research centre
 - Ho Chi Minh City University of Medicine and Pharmacy; Can Tho University of Medicine and Pharmacy; Hanoi Medical University; Hanoi School of Public Health and Hue Medical College on public health research
 - QUT leads a major project funded by the Atlantic Philanthropies focused on building academic research capacity in universities in Vietnam
- The Crawford Fund supports agricultural research projects with Asia Pacific countries including Vietnam

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- The University of Queensland (UQ) Faculty of Health Sciences – Vietnam Ministry of Health on a health policy project

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ZIMBABWE

- BSES Limited, through the Sugar Research and Development Corporation (SRDC) has collaborations with Zimbabwe on sugarcane physiology

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