



International University President's Conference

A New Model for Cooperation to further build UNSW-China Strategic Collaboration

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Immediate Past Vice-Chancellor & President
The University of New South Wales
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Global Education + Global Networks = Global Opportunities



UNSW's Aspiration

UNSW's aspiration is to be a leading research intensive University in the Asia-Pacific region, focusing on contemporary and social issues through defined strengths in professional and scientific fields – a peer in good standing with the best globally.

Source: B2B Blueprint to Beyond 2010, UNSW Strategic Intent

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UNSW's Focus

- Maintain very strong academic and research partnerships with universities in China
- Retain our position as one of the top Australian universities in research performance by
 - growing a cohort of leading research staff
 - maintaining “critical mass” in key research areas
 - attracting high calibre cohort of research students
 - investing in excellent research infrastructure
- Collaborate & engage with the best researchers globally
 - provide outstanding support for research through research grants
 - maintaining an excellent research environment, with cutting edge facilities & equipment

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UNSW's International Strategy focuses on four key pillars:

- **Global Research and Connectivity**
- Global Education
- Global Community and Global Alumni
- Global Student Recruitment

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UNSW-China Collaboration

- UNSW continues to build strong, long-term relationships with about 20 top universities in China and will also deepen important collaborations with the leading universities in Hong Kong
- Relationships are being developed through
 - strategic research collaboration for mutual interest
 - joint degrees in selected areas (some of our programs are supported by the China Scholarship Council)
 - government funded research projects addressing national priorities
- Model for Research Engagement is based on researcher to researcher collaboration around strategic academic, scientific, technological and cultural research projects for mutual benefit, drawing on strengths of each partner university

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UNSW-China Collaboration

- 1. The UNSW International Research Workshop**
- 2. The UNSW Australian School of Business-
China Scholarship Council Program**



International Research Workshop Program

Year	Focus	Countries Represented	Institutions Represented	Number of Visiting Research Fellows
2008	Science, Technology, Engineering, Medicine	11	45	83
2009	Business, Law, Social Sciences	12	76 (invited)	91 (registered as of 12/11/08)
2010	Media, Communications, Design, Creative Arts	10+	TBC	TBC

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Objectives of the International Research Workshop Program

1. Build strategic & sustainable research connections with prestigious partner Universities/Institutes in Asia
2. Facilitate researcher to researcher linkages
3. Promote bilateral & multilateral research alliances in Asia for mutual benefit
4. Identify collaborative research projects & initiatives with short, medium and long term horizons supported by government funding designated for international research collaboration
5. Create research clusters in Asia drawing on strengths of participant's partner universities
6. Boost the intellectual and reputational capital of universities in this region
7. Provide a framework that could lead to some 'accidental' breakthroughs resulting from information sharing
8. Appointment of UNSW Visiting Research Fellows who are 'ambassadorial style' champions of research collaboration with UNSW



Role of Visiting Research Fellows

- An ambassadorial role to promote research collaboration with UNSW (i.e. respected researchers who know the research capacity of UNSW)
- To deepen research and academic collaboration between UNSW and selected partner universities in Asia
- To help identify funding to support strategic international research linkages
- Identify possible industry partners for joint research initiatives
- Promote staff and student mobility
- Suggest strategic and high impact research projects
- Promote shared use of research facilities and research infrastructure
- To facilitate visits to partner universities / institutions by researchers from UNSW



International Research Workshop Participating Institutions from China

- Beijing Foreign Studies University (BLSS)
- Beijing Normal University (BLSS)
- Central University of Finance and Economics (TBC)
- China University of Political Science and Law (TBC)
- Chongqing University (STEM & BLSS)
- Fudan University (STEM & BLSS)
- Harbin Institute of Technology (STEM & BLSS)
- Huazhong University of Science and Technology (TBC)
- Nanjing University (STEM & BLSS)
- Ocean University of China
- Peking Union Medical College (STEM)
- Peking University (STEM)
- Renmin University of China (TBC)
- Shanghai Jiao Tong University (U21)
- Shanghai University of Finance and Economics
- South China Normal University
- South China University of Technology
- Sun Yat-Sen University (STEM & BLSS)
- Tianjin University (STEM & BLSS)
- Tsinghua University (STEM & BLSS)
- University of Science and Technology of China (TBC)
- Wuhan University (STEM & BLSS)
- Xi'an Jiaotong University (TBC)
- Zhejiang University (STEM)

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Visiting Research Fellows from China at the 2008 International Research Workshop

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UNSW Australian School of Business-China Scholarship Council Program

- Building on the first formal agreement signed by an Australian University (UNSW) and the CSC, The Australian School of Business at UNSW in collaboration with the China Scholarship Council (CSC) is offering up to 12 scholarships each year to outstanding students from Chinese universities
- The program has now been running for six years

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UNSW Australian School of Business-China Scholarship Council Program

Partner Universities

- Chongqing University
- Fudan University
- Nanjing University
- Peking University
- Renmin University of China
- Shanghai Jiao Tong University
- Shanghai University of Finance and Economics
- Tianjin University
- Tsinghua University
- Wuhan University
- Xiamen University
- Zhejiang University

Areas of Focus

- Accounting
- Actuarial Studies
- Banking & Finance
- Business Law & Taxation
- Economics
- Marketing
- Information Systems, Technology and Management
- Organisation and Management
- Strategy and Entrepreneurship

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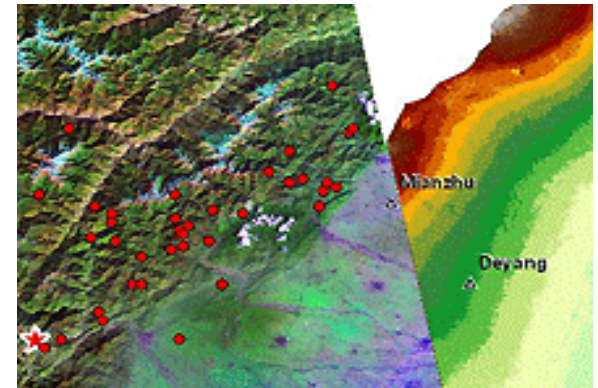
Further Highlights of UNSW-China Collaboration

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Highlights of UNSW-China Collaboration

- China and UNSW are working together on projects that are beneficial to China, Australia and the region
1. Professor Ge Lin Lin (School of Surveying & Spatial Information) and his team provided radar satellite images of the ground displacement and aftershock danger zones to Chinese Authorities following the devastating May 2008 Earthquake



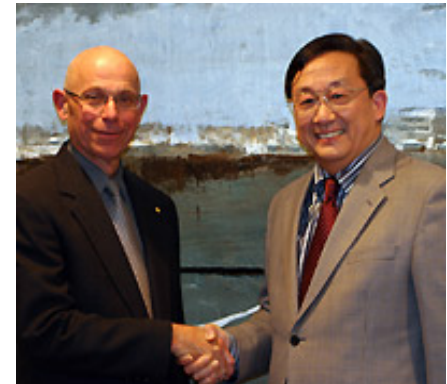
UNSW radar satellite analysis

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Highlights of UNSW-China Collaboration

2. In June 2008, UNSW provided \$500,000 worth of post-graduate scholarships to develop skills vital to rebuilding Sichuan province – including Urban Planning & Design, Engineering Science, Construction Management, Health Management and Environmental Science



UNSW Vice-Chancellor
Professor Fred Hilmer and
Counsellor Bai Gang

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Highlights of UNSW-China Collaboration

- Dr Zhengrong Shi, CEO Suntech Power, one of our most influential alumni
- A leader in the manufacture of efficient solar technologies that are being phased in across China and the Asian region
 - UNSW researchers continue to work with Dr Shi in this important area
 - UNSW solar energy researcher Professor Martin Green has been given the Chinese Government's highest award for foreign experts for his contribution to China's scientific progress through his work in renewable energy



Solar Power... Suntech Power
CEO & UNSW alumnus Dr
Zhengrong Shi



Professor Martin Green
(left), with
Chinese Premier Wen
Jiabao

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Highlights of UNSW-China Collaboration

- Researchers at UNSW have turned the ash waste from coal-fired power stations into a global environmental solution – high strength, light weight building materials
 - The first 100% “made from waste” bricks, pavers, and aggregates are now in production at a plant in Hebi China
 - About 25% lighter than conventional bricks



Dr Obada Kayali with fly ash products

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Highlights of UNSW-China Collaboration

- Collaborative research project with Dongping Fang (Tsinghua University) and Professor Martin Loosemore and Professor Patrick Zou (Faculty of the Built Environment UNSW) and the Chinese Ministry of Science and Technology on the development of a Risk Management system for the 2008 Beijing Olympics
 - Awarded the prestigious UK Chartered Institute of Building's (CIOB) International Construction Project Management Association (ICPMA) Award



Patrick Zou (UNSW), Dongping Fang (Tsinghua University) and Martin Loosemore (UNSW)

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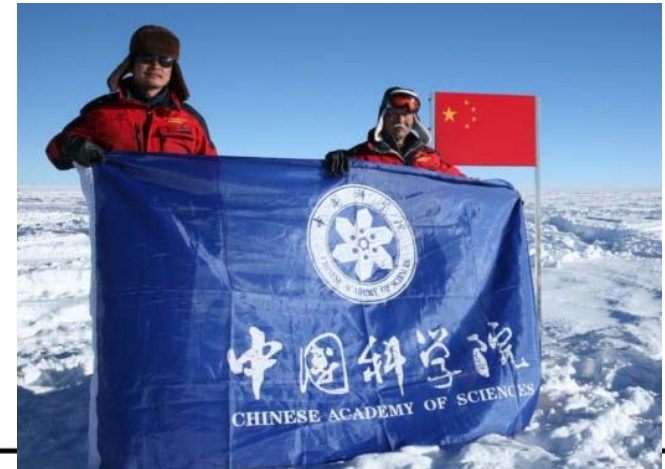


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Highlights of UNSW-China Collaboration

- Space scientists from UNSW and China have built an unmanned robotic observatory called PLATO destined for Antarctica
- PLATO will be delivered to Dome A as part of the Polar Research Institute of China (PRIC)
 - Seven telescopes will be installed at Dome A by Chinese astrophysicist, Dr Zhu Zhenxi
 - Scientists from UNSW, PRIC, Caltech and the University of Arizona are contributing to PLATO's instruments as part of the 2007-2008 International Polar Year



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Highlights of UNSW-China Collaboration

- The relationship between UNSW and China continues to deepen and grow stronger
- UNSW will launch a Confucius Institute in 2009 in partnership with Shanghai Jiao Tong University
- UNSW and China: 60/60 Special Celebrations in Beijing in 2009



Shanghai Jiao Tong Vice-President Professor Cai Wei, UNSW Pro-Vice-Chancellor (International) Jennie Lang, NSW Premier Morris Iemma

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