

# MEASURING INTERNATIONAL COLLABORATION

## DO WE NEED A BETTER RULER?

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# THE UNIVERSITY OF QUEENSLAND

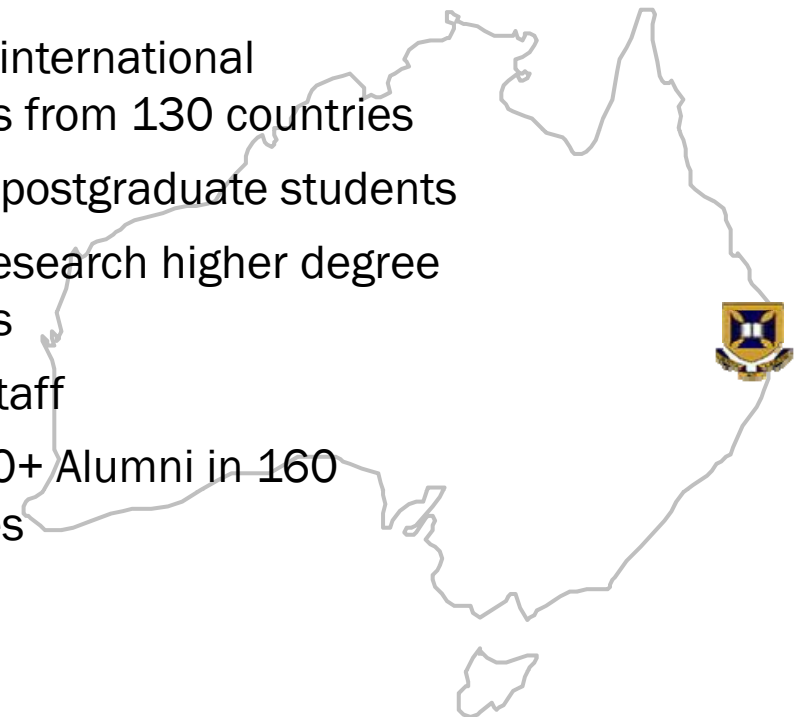


## OUR INSTITUTION

- Four campuses
- Six faculties
- Eight research institutes
- More than 400 undergraduate and postgraduate degree programs
- AU \$1.64 billion total operating revenue
- Research commercialisation leader

## OUR PEOPLE

- 45,548 students
- 11,398 international students from 130 countries
- 12,268 postgraduate students
- 4,593 research higher degree students
- 7,453 staff
- 200,000+ Alumni in 160 countries



# STRATEGIC PLANNING AT UQ



# COMPREHENSIVE INTERNATIONALISATION



ARTICULATED  
STRATEGIC  
COMMITMENT

ADMIN  
STRUCTURE &  
STAFFING

INTEGRATED  
POLICIES &  
PRACTICES

FORMAL &  
INFORMAL  
CURRICULUM  
OUTCOMES &  
EXPERIENCES

COLLAB. &  
P'SHIPS  
ALUMNI &  
COMMUNITY

**COMPREHENSIVE INTERNATIONALISATION**

Adapted from: Center for Internationalization and Global Engagement (CIGE)  
2012, *Mapping internationalization on US campuses: 2012 edition*. American  
Council on Education, Washington DC





AUSTRALIAN UNIVERSITIES HAVE  
APPROXIMATELY **4000** UNIQUE  
UNIVERSITY PARTNERS








# SO WHAT?


THERE IS NO PRIZE FOR HAVING THE  
LARGEST NUMBER OF AGREEMENTS

And you **can** have too much of a good thing





THE AGREEMENT  
IS THE  
~~ENDS~~  
**MEANS**







WHO ARE THE HIGH VOLUME  
COMPREHENSIVE PARTNERS?

WHERE IS THERE POTENTIAL  
TO GROW?

WHERE IS IT SPECIALISED  
OR LOW VOLUME?

WHERE IS NOTHING HAPPENING?



# HOW DO WE **KNOW** THAT A PARTNERSHIP IS SUCCESSFUL?

~~HOPE~~

~~ANECDOTE~~

**DATA**



JOINT LABS  
STUDY ABROAD  
CONTINUING EDUCATION  
JOINT PUBLICATIONS  
ARTICULATION  
BENCHMARKING  
STUDENT RECRUITMENT  
CLINICAL PLACEMENTS  
SCHOLARSHIPS  
STAFF EXCHANGE  
COTUTELLE  
TWINNING  
STUDENT EXCHANGE  
CAPACITY BUILDING  
RESEARCH PROJECTS



# DATA

01000100

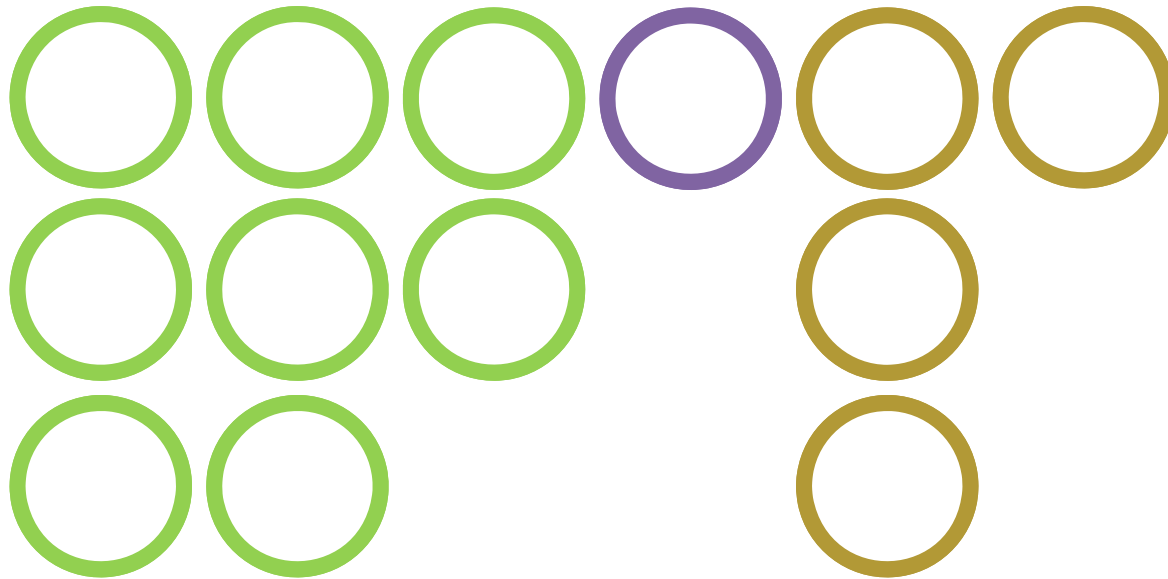
01000001

01010100

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# 13 INDICATORS





**1** EXCHANGE

**2** STUDY ABROAD





**3** COURSEWORK RECRUITMENT  
(VOLUME)

**4** COURSEWORK RECRUITMENT  
(BREADTH)

**5** COURSEWORK RECRUITMENT  
(SPONSORSHIP)





**6** GRAD STUDENT RECRUITMENT  
(VOLUME)

**7** GRAD STUDENT RECRUITMENT  
(SPONSORSHIP)





# 8 JOINT PHDs





# 9 ALUMNI ON STAFF





**10** JOINT PUBLICATIONS  
(VOLUME)

**11** JOINT PUBLICATIONS  
(QUALITY)

**12** JOINT PUBLICATIONS  
(BREADTH)





# 13 JOINT PROJECTS





 **ELICOS AND CONT. ED.**

 JOINT LABS

 ALL STUDENT MOBILITY

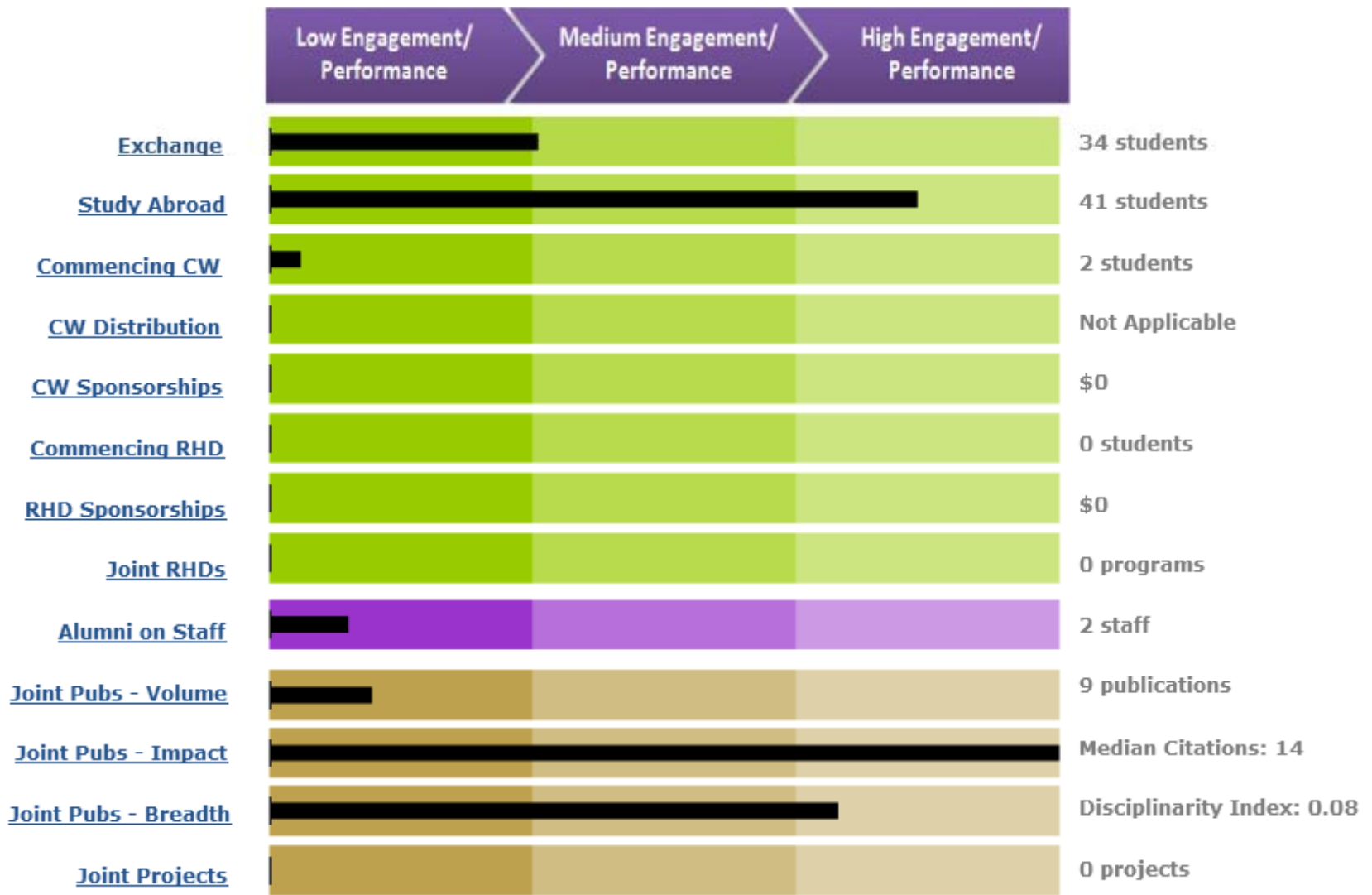
 CAPACITY BUILDING

 STAFF MOBILITY

 OUR ALUMNI IN SITU

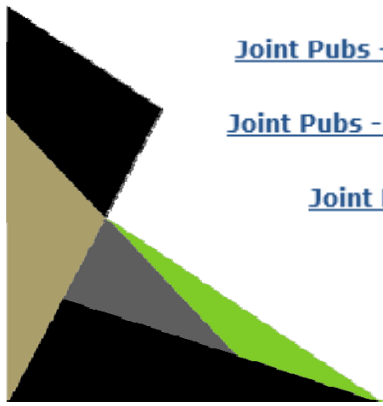
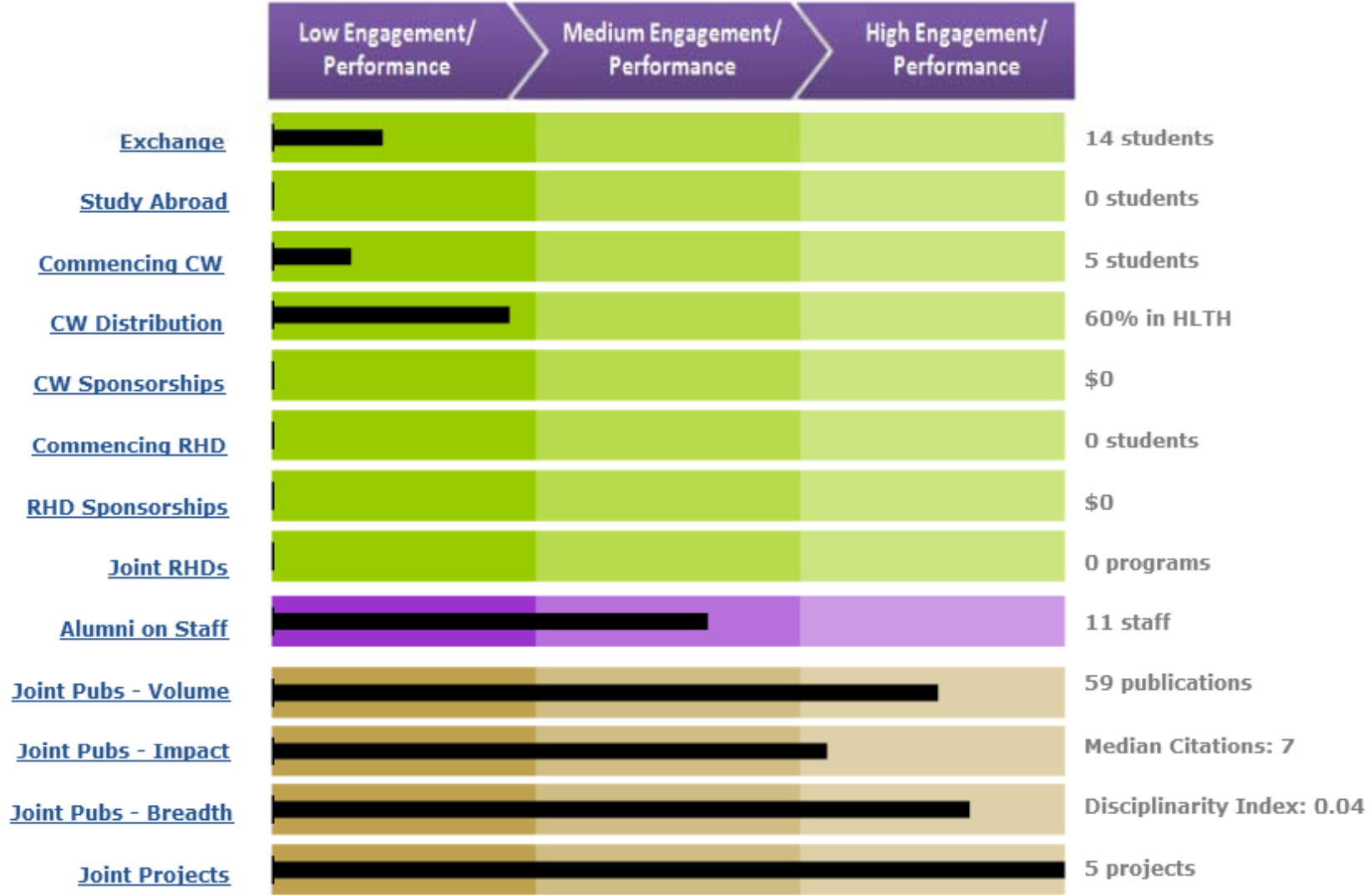
Region    
 Partner

University of Massachusetts   
<http://www.massachusetts.edu/>



Region    
 Partner

University of Washington   
<http://www.washington.edu/>





## Partner Engagement Framework

### Top 10 Partners - Exchange Commencements

This report includes only those partners listed in the Partner Engagement Framework dashboard. Partners are ranked by the total number of inbound and outbound exchange students commencing their program between 2009 and 2011 inclusive.

Data in this report are live and sourced from the Student Current 5 Year Trend universe. Data presented in the Partner Engagement Framework are a snapshot as at March 13, 2012. As such, there may exist variances between data and partner and country / region naming in this report and the dashboard. To report any significant discrepancies, please contact [planning@uq.edu.au](mailto:planning@uq.edu.au)

**Filter on U21 Indicator: U21 Partner**

Partner	Country / Region	Inbound	Outbound	Total
Univ British Columbia	Canada	73	70	143
McGill Univ	Canada	39	67	106
Univ Nottingham (UK only)	United Kingdom	47	46	93
Univ Coll Dublin	Ireland	28	43	71
Tec de Monterrey	Latin America	39	20	59
Univ Edinburgh	United Kingdom	29	27	56
Lund Univ	Sweden	24	25	49
Univ Glasgow	United Kingdom	9	21	30
Natl Univ Singapore	Singapore	9	20	29
Univ Hong Kong	Hong Kong	11	18	29







## Partner Engagement Framework

### All Partners by Country / Region - Joint Publications

This report contains data as it appears in the Partner Engagement Framework dashboard. Data for this element is sourced from the InCites dataset and is collated manually. Data was collected on March 13, 2012.

Total publications refers to the total number of joint publications (all types) with a published year between 2008 and 2010.

Median citations is the median number of citations for all publications in the 'Total Publications' element.

The Disciplinarity Index is a measure of the spread of all publications in the 'Total Publications' element across subject areas. A Disciplinarity Index of 1 indicates publications are found in only one subject area. A Disciplinarity Index approaching zero indicates publications in a large range of fields.

### No Filters on Report

Country / Region	Partner	Total Publications	Median Citations	Disciplinarity Index
Canada	University of Toronto	58	5.0	0.03
	University of British Columbia	47	4.0	0.04
	McGill University	35	4.0	0.04
	University of Alberta	33	2.0	0.04
	University of Western Ontario	23	2.0	0.04
	University of Calgary	20	3.0	0.04
	University of Manitoba	12	0.0	0.09



# THE FRAMEWORK ANSWERS **MANY QUESTIONS**

Who are our most highly engaged partners?

How strong is engagement across a country or region?

Who should we be working with?

Where can we leverage existing engagement?

How can we deepen or broaden engagement?

New agreements, or renew agreements?

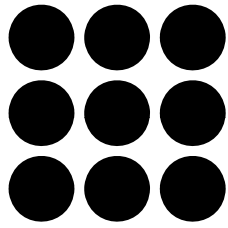
# BUT THE FRAMEWORK IS **MEANINGLESS WITHOUT CONTEXT**

Who is the partner?

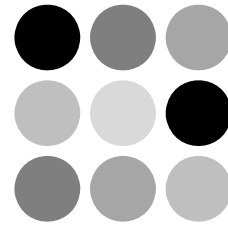
Where is the partner?

What's in the agreement?





SPECIALISED



COMPREHENSIVE



LARGE



SMALL

***Hi***

ENGLISH  
SPEAKING

你好

NON-ENGLISH  
SPEAKING



# **ADVANCED ECONOMIES**

USA | CANADA | WESTERN EUROPE | SINGAPORE | KOREA

# **NATIONAL TRADE PRIORITIES**

CHINA | INDIA

# **DEVELOPING NATIONS**

LATIN AMERICA | MALAYSIA | THAILAND | MIDDLE EAST | RUSSIA

# **NATIONAL DEVT PRIORITIES**

INDONESIA | VIETNAM | PACIFIC



# GLOBAL **TOP 10**

University of California (All)  
Chinese Academy of Sciences  
National University of Singapore  
University of British Columbia  
University of Nottingham  
University of Auckland  
University of Edinburgh  
Imperial College London  
University of Toronto  
University of Washington



# DEVELOPING WORLD **TOP 10**



University of Chile  
University of Indonesia  
Mahidol University (THA)  
University of the South Pacific  
Universiti Putra Malaysia  
University of Sao Paulo  
Universiti Sains Malaysia  
Pont. Catholic University of Chile  
Chulalongkorn University (THA)  
Gadjah Mada University (IDN)



# GUIDING INSTITUTIONAL STRATEGY

- Evidence based data informed strategy and outcomes
- Visible to the UQ community
- Informs institutional and faculty decision making
- PEF allows us to profile engagement by country and by function – eg exchange
- Provides a great basis for discussions – planning and review with partners



## UQ ENGAGEMENT PROFILE

**CHINESE ACADEMY OF SCIENCES**  
 Beijing, People's Republic of China (Headquarters)  
<http://english.cas.cn/>

Agreement Type: Memorandum of Understanding  
 Agreement Owner: DVC (Research)  
 Agreement Date: September 6, 2009  
 Next Renewal Date: September 6, 2014

Additional agreements with:

Graduate University of the Chinese Academy of Sciences  
 UQ Owner: Graduate School  
 Memorandum of Understanding and Addendum: Joint PhD

Institute of Software, Chinese Academy of Sciences  
 UQ Owner: EAIT  
 Memorandum of Understanding

Institute of Electrical Engineering, Chinese Academy of Sciences  
 UQ Owner: EAIT  
 Memorandum of Agreement: Research/Academic Collaboration

Institute of Neuroscience, Chinese Academy of Sciences  
 UQ Owner: QBI  
 Memorandum of Understanding

Institute of Biophysics, Chinese Academy of Sciences  
 UQ Owner: QBI  
 Letter of Agreement: Research/Academic Collaboration

Data below include records attributed to either the Chinese Academy of Sciences and all component institutes or the Graduate University of the Chinese Academy of Sciences.

A copy of the Partner Engagement Framework dashboard results for this partner is attached at the end of this document. Partner Engagement Framework data is as at March 13, 2012



between 2009 and 2011.

Year	Value
2011	1
2010	1
2009	1
2008	1
2007	1
2006	1
2005	1
2004	1
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1907	1
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1905	1
1904	1
1903	1
1902	1
1901	1
1900	1

The PhD program at UQ received funding of \$195,380. Note that this funding was shared with the partner on a 50:50 basis.

The Graduate University of the Chinese Academy of Sciences and the Institute of Software of the Chinese Academy of Sciences are the primary institutions for this scheme in Chemical Engineering.

at UQ.

Qualification from Partner	Count
PhD (Materials Sci & Eng)	1
PhD (Neurobiology) & PhD	1
PhD (Marine Meteorology) & PhD	1
PhD	1
PhD	1
PhD of Engineering	1
PhD	1
PhD of Natural Science	1
PhD of Science	1
PhD of Natural Science	1
PhD of Engineering	1
PhD of Engineering	1
PhD	1
PhD of Agriculture	1
PhD of Natural Science	1
PhD	1
PhD	1
PhD	1
PhD & PhD	1

Collaborated with the partner on:



11 publications, the highest volume of publications in 2011. UQ was the partner's primary institution for 11 of 11 publications in 2011.

Average citation rate of 16.26 and median of 2 for all UQ publications in 2011.

UQ Engagement Profile  
 Chinese Academy of Sciences  
 Compiled by: Grant Kennett, Planning Office, The University of Queensland  
 Compiled on: July 17, 2012

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 Chinese Academy of Sciences  
 Planning Office, The University of Queensland  
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# NEED A PARTNER IN...

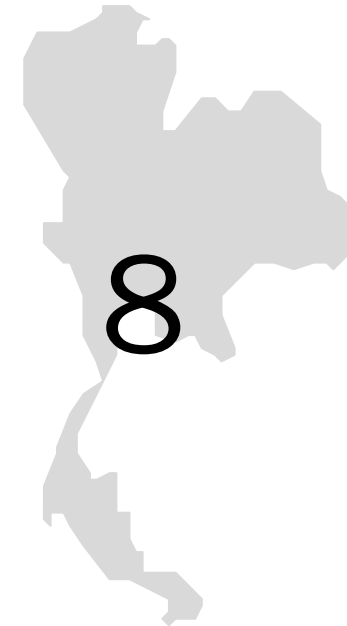
GERMANY?



CHINA?



THAILAND?



**CONSULT THE FRAMEWORK  
FIRST**

# HELPFUL LINKS

Partner Engagement Framework:

<http://www.uq.edu.au/international/global-linkages>

Global Strategy and Internationalisation at UQ:

<http://issuu.com/uqpublications/docs/internationalisationatug?mode=window&viewMode=doublePage>

