<table>
<thead>
<tr>
<th>Researchers</th>
<th>Activities</th>
</tr>
</thead>
</table>
| Professor Cunrui Huang (SYSU)  
Associate Professor Adrian Barnett (QUT) | **Joint grant application (successful)**  
- $82,000 USD awarded by the Asia Pacific Network for Global Change Research for the project: “Assessing the Health Effects of Extreme Temperatures and the Development of Adaptation Strategies to Climate Change in the Asia-Pacific Region”  

**Associate Professor Xiang-Yu (Janet) Hou (QUT)  
Professor Weiqing Chen (SYSU)** | **Proposed research collaboration in:**  
- Shenzhen Longhua Child Cohort study in Guangdong province (3 yrs - 16 yrs old) exploring the physical and mental impacts of genetic and environmental factors on child development.  
**Joint publication (submitted or to be submitted):**  
- Father involved parental care and children’s early-onset conduct problems at three years old: Population-Based Survey Findings from Longhua Child Cohort Study in Shenzhen China.  
- Family childcare instability and children’s conduct problems at age three: Findings from Longhua Child Cohort Study in Shenzhen China  
**Joint grant application (submitted or to be submitted):**  
- Joint grant application to China National Natural Science Foundation, submitted in March 2016.  
- Joint grant application to GDST (Guangdong Dept of Science and Technology), to be submitted in Aug/Sept 2016  

**HDR student exchange:**  
- PhD student Ms Amanda Liu came to visit QUT for 3 months in Nov 2015 – Feb 2016.  
**Staff exchange:**  
- Prof Chen will visit ACCPH at QUT for about 4 weeks in late 2016 or early 2017.  

**Associate Professor Xiang-Yu (Janet) Hou (QUT)  
Professor Yuli Zang (Shandong Uni)** | **HDR student exchange:**  
- Master student Ms Shan Yang visited QUT for three months from January to April 2016. She is working on the effect of social media on youth female.  

**Associate Professor Xiang-Yu (Janet) Hou (QUT)  
Professor Xuemei Wang (SYSU)** | **Joint grant application (granted):**  
Mackinnon, Xiang-Yu Hou, Zoran Ristoviski, Godwin Ayoko, Lidia Morawska, Yuantong Gu, Felipe Gonzalez, Xinming Wang, Yanli Zhang, Qihou Hu, Zhou Zhang, Wei Deng, Junyu Zheng, Zibing Yuan, Qinge Sha: The impact of atmosphere oxidative change on the formation of the aerosol in autumn at the area of Pearl River Delta and the development of controlling policies, RMB$1,000,000 (=AU$250,000)

Tong Sun (QUT)
M. Xu (PU)
X. Pan (PU)

Joint publication (published)
- Non-linear association between exposure to ambient temperature and children's hand-food-and-mouth disease in Beijing, China
Xu, M., Yu, W., Tong, S., Jia, L., Liang, F., Pan, X.

Associate Professor Wenbiao Hu (QUT)
Professor Jiahai Lu (SYSU)

Joint publication (published):
- Developing a Time Series Predictive Model for Dengue in Zhongshan, China Based on Weather and Guangzhou Dengue Surveillance Data.
PMID: 26894570

- A brief historical overview of emerging infectious disease response in China and the need for a One Health approach in future responses. One Health Pages 99-102
Lu J, Milinovich G, Hu W

Join publication (accepted for publication):

Joint publication (submitted or to be submitted):
- Monitor dengue epidemic based on Baidu search data using threshold analysis in China.
Liu K, Huang X, Yang Z, Jing Q, Zhao Z, Hu W and Lu J.
Dynamic spatiotemporal analysis of indigenous dengue fever at street-level in Guangzhou City, China. Yao Xia, M.D.; Kangkang Liu; Yanshan Zhu; Yingtao Zhang; Xiaodong Huang; Jiawei Huang; Enqiong Nie; Qinlong Jing; Guolong Wang; Zhicong Yang;
Joint grant application (submitted):
- Submitted NHMRC project grant: Forecasting the impact of climate change on dengue transmission (#APP1123082). NHMRC project grant. Prof. Jiahai Lu is CI.

Other joint research activity:
- Run one health workshop with Sun Yat-sen University in January 2016.
- Co-supervised PhD student (Ms. Kangkang Liu, exchanging student from Sun Yat-sen University under ACCPH) was awarded a travel support from ISEE-ISES-AC 2016 conference. Also two post-doc fellows (Dr. Erin Want (Fudan University, China) and Dr. Do Toan (Vietnam Medical University) who work with their project also obtained travel supports.

HDR student exchange:
- PhD student Ms Kangkang Liu is currently visiting QUT for 10 months. She is now working with her QUT supervisor A/Prof Wenbiao Hu on climate changes and dengue early warning. She has made an accomplishment in some results of the project and two manuscripts, one of which has been submitted to the international journal and the other is in the process of revision.

Joint publication (published):

Joint publication (published):


• Spatiotemporal dynamics of scrub typhus transmission in mainland China. Yi-Cheng Wu, Quan Qian, Ricardo J. Soares Magalhaes, Zhi-Hai Han, Wenbiao Hu, Ubydul Haque, Thomas A. Weppelman, Yong Wang, Yun-Xi Liu, Hai-Long Sun, Yan-Song Sun, Archie C. A. Clements, Shen-Long Li, Wen-Yi Zhang PLOS NTD, 2016 August, 10(8), doi: 10.1371/journal.pntd.0004875


Joint grant application (submitted):
• Submitted NHMRC project grant: Forecasting the impact of climate change on dengue transmission (#APP1123082). NHMRC project grant. Archie Clements is AI.

Professor Lisa Nissen (Clinical Sciences, QUT)
Associate Professor Xiang-Yu (Janet) Hou (QUT)
Professor Archie Clements (ANU)
Professor Chen Weiqing (SYSU)

Proposed research collaboration in:
• Additional potential research development may include to collect additional data retrospectively around antibiotic purchasing behaviours of parents and antibiotic resistance.
• Potential PhD student will be identified by the team in the due course for this project.
| Professor Lisa Nissen (QUT)  
Professor Tong Sun (Shandong CDC)  
Professor Chongqi Jia (Shandong Uni) | Proposed research collaboration in:  
- The study of smoking cessation in Shandong Province (Content - train health professional about health consultations with smokers, using the current quit smoking clinics in SD; Patients - attending clinics and migrant workers; Mobile technology intervention - SMS messages to smokers). |
|---|---|
| Dr Paul Gunther (QUT)  
Professor Lidia Morawska (QUT)  
Professor Guanghui Dong (SYSU) | SYSU – QUT: NHMRC – NSF grant proposal 2016  
Mater family cohort and Guangdong Province cohort study: Environmental pollution and adverse birth outcome  
**Joint publication (published):**  
**Joint publication (submitted):**  
<table>
<thead>
<tr>
<th>Authors</th>
<th>Research Collaboration/Grant Application Details</th>
</tr>
</thead>
</table>
| Dr Paul Gunther (QUT)  
Professor Lidia Morawska (QUT)  
Professor Guanghui Dong (SYSU)  
**Joint grant application (to be submitted):**  
□ To be submitted NSF-NHMRC project grant: Environmental pollution and adverse social outcomes; CI: DONG, PAUL, MORAWSKA |
| Dr Paul Gunther (QUT)  
Professor Guanghui Dong (SYSU)  
Professor Wei Huang (PKU) | SYSU – PKU – QUT: NHMRC – NSF grant proposal 2016  
Indoor air quality and adverse health outcomes: cross-sectional study  
**Joint publication (submitted):**  
**Joint grant application (to be submitted):**  
To be submitted NSF-NHMRC project grant: Indoor air quality and adverse health outcomes; CI: DONG, PAUL, HUANG, MORAWSKA |
| Dr Esben Strodl (QUT)  
Professor Jia Cunxian (Shandong Uni) | Research collaboration in suicide prevention:  
Dr Esben Strodl have had 2 questionnaire translated into Mandarin and sent these to Professor Jia who will run a pilot study with these two questionnaires in the coming month or so in order to test the psychometric properties with around 300 Chinese youth. Assuming that these questionnaires show reasonable psychometric properties they will then be included in Prof Jia’s cohort study.  
**Staff exchange:**  
Dr Paul will visit SYSU for 7 days in November 2016 on a DIIS grant (Australia-China Young Scientist Exchange program 2016) to develop grant applications.  
**Joint publication (published):** |
### Professor Jingqi Chen (PKU)


### SYSU-QUT joint grant applications submitted to the Guangdong Provincial Department of Science and Technology in year 2015 round

**Project title & lead researchers from SYSU and QUT:**

- The International Joint Center of Public Health, SYSU: Yuantao HAO (Submitter), Cunrui HUANG, Jiahai LU, Jing GU, Wen CHEN, Dong XU: QUT: Shilu Tong
- Establishment and application of key technical system about environmental pollution health effect evaluation based on biomonitoring equivalents - The Precise Birth Cohort Study, SYSU: Guanghui DONG (Submitter), Yuantao HAO, Qiansheng HU, Xiaowen ZENG; QUT: Gunther PAUL, Lidia Morawska.
- The impact of climate change on population health and development of adaptation strategies in Guangdong Province, China, SYSU: Cunrui HUANG (Submitter), Yuantao HAO, Yuming CHEN, Guanghui DONG, Qiong WANG, Lianping YANG; QUT: Shilu Tong, Ross Young, Gerard FitzGerald, Wenbiao Hu, Zhiwei Xu.
- The study of the impact of human movement and environment on Dengue Fever transmission, SYSU: Jiahai LU (Submitter), Zhenjian HE, Qin XIAO; QUT: Wenbiao Hu, Francesca D. Frentiu.