

CURRICULUM VITAE

Name: Shilu TONG
Sex: Male
Date of Birth: 9 September 1955
Citizenship: Australian
Marital Status: Married
Health: Good

Address: Department of Clinical Epidemiology and Biostatistics
Shanghai Children's Medical Center
Shanghai Jiao Tong University
Shanghai, Pudong 200127
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Queensland University of Technology
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Australia

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Academic Qualifications:

B.Med., Anhui Medical University, 1982
M.P.H., Beijing Medical University, 1988
Ph.D., University of Adelaide, 1995

Education:

Medical Undergraduate Training:

1977 - 82 Anhui Medical University
 Hefei, Anhui Province
 People's Republic of China

Postgraduate Training:

1985 - 88 Department of
 Environmental Health
 School of Public Health
 Beijing Medical University
 People's Republic of China
 (Environ. Epidemiology)

1992 - 95 Department of Community
 Medicine, University of Adelaide
 Adelaide, Australia (Epidemiology)

Short Course:

1991
1st National Short Course on Environmental Health run by the Medical School, University of Adelaide.

Professional Appointments:

2017-
Professor and Director
Department of Clinical Epidemiology and Biostatistics, Shanghai Children's Medical Center, Shanghai Jiao-Tong University, Shanghai, China

1998 -
Adjunct Professor (2017 -)
Professor (2008 -)
Assoc. Professor (2004 -)
Leader, Ecosystem Change and Population Health Program
Senior Res. Fellow in Epidemiology (1998-2003)
School of Public Health
Queensland University of Technology
Kelvin Grove, Qld. 4059

April – September 2006
Visiting Fellow
National Centre for Epidemiology and Population Health
Australian National University

2017 – present
Visiting Professor
National Environmental Health Institute
China CDC
Beijing
People's Republic of China

2017 - present
Adjunct Professor
Nanjing Medical University
Nanjing
People's Republic of China

2009- 2012
Adjunct Professor
Peking University
Beijing
People's Republic of China

2004 - present
Adjunct Professor
Anhui Medical University
Hefei, Anhui
People's Republic of China

1997-98
Lecturer in Epidemiology
Department of Social and Preventive Medicine
Medical School
University of Queensland
Herston, Australia

1994 (July)-97

Lecturer in Epidemiology & Statistics
Department of Health Services Management
and Public Health
University of New England
Armidale, Australia

Professional Societies:

International Epidemiological Association
International Society for Environmental Epidemiology
International Society for Ecosystem Health
Australasian Epidemiological Association
Ausinan Science & Technology Society

Teaching/Research Interests:

- Environmental epidemiology and planetary health
- Epidemiology and research methods
- Environmental health and sustainable development

Teaching Experience:

2006-present

Guest lectures:

How to publish in high impact journals? School of Public Health,
Anhui Medical University, Hefei, 14 April 2019

Comparing postgraduate training between China and Australia. School
of Public Health, Anhui Medical University, Hefei, 14 April 2019

New Research Designs in Environmental Epidemiology. School of
Public Health, Anhui Medical University, Hefei, 13 April 2019

Introduction to Environmental Epidemiology. School of Public Health,
Anhui Medical University, Hefei, 13 April 2019

How to publish in high impact journals? School of Public Health,
Anhui Medical University, Hefei, 26 March 2018

Global Environmental Changes and Children's Health. School of
Public Health, Anhui Medical University, Hefei, 25 March 2018

New Research Designs in Environmental Epidemiology. School of
Public Health, Anhui Medical University, Hefei, 24 March 2018

Introduction to Environmental Epidemiology. School of Public Health,
Anhui Medical University, Hefei, 24 March 2018

Epidemiology and Public Health: Infectious Disease Control. School of
Public Health, Shanghai Jiao Tong University, Shanghai, 24 October
2017

Epidemiology and Public Health: Measuring the association. School of Public Health, Shanghai Jiao Tong University, Shanghai, 19 October 2017

How to publish in high impact journals? School of Public Health, Anhui Medical University, Hefei, 18 March 2017

Global Environmental Changes and Children's Health. School of Public Health, Anhui Medical University, Hefei, 17 March 2017

New Research Designs in Environmental Epidemiology. School of Public Health, Anhui Medical University, Hefei, 16 March 2017

Introduction to Environmental Epidemiology. School of Public Health, Anhui Medical University, Hefei, 15 March 2017

Schemes and assessment criteria for NHMRC grant applications (for *PUN103* Advanced Epidemiology). School of Public Health, Queensland University of Technology, Brisbane, 27 July 2016.

Examining the health risks of climate change (for *PUB565* International Health). School of Public Health, Queensland University of Technology, Brisbane, 18 May 2016.

Environmental challenges to global health (for *PUN688* International Health Policy and Management). School of Public Health, Queensland University of Technology, Brisbane, 9 September 2015.

Schemes and assessment criteria for NHMRC grant applications (for *PUN103* Advanced Epidemiology). School of Public Health, Queensland University of Technology, Brisbane, 27 July 2015.

Assessing the health consequences of climate change (for *PUB565* International Health). School of Public Health, Queensland University of Technology, Brisbane, 7 May 2015.

Climate change and human health: from local to global (for *PUB565*). School of Public Health, Queensland University of Technology, Brisbane, 6 May 2014.

Global climate change and human health: current state and future challenges (for *PUB565*). School of Public Health, Queensland University of Technology, Brisbane, 7 May 2013.

Emerging issues and future challenges in environmental health (for *PUB332*). School of Public Health, Queensland University of Technology, Brisbane, 1 June 2011.

Global changes and health protection (for *PUB251*). School of Public Health, Queensland University of Technology, Brisbane, 18 May 2011.

Air pollution and human health (for *PUB332*). School of Public Health, Queensland University of Technology, Brisbane, 10 May 2011.

Overview of environmental health (*for PUB332*). School of Public Health, Queensland University of Technology, Brisbane, 2 March 2011.

Ethical issues in public health research. (*for PUN551*). School of Public Health, Queensland University of Technology, Brisbane, 7 May 2010.

The burden of disease (*for PUN106*). School of Public Health, Queensland University of Technology, Brisbane, 13 March 2009.

Climate change and disaster management (*for AusAid class*) School of Public Health, Queensland University of Technology, Brisbane, 20 November 2008.

Climate change and human health: From local to global (*for PUB565*) School of Public Health, Queensland University of Technology, Brisbane, 31 March 2008.

Implications of ecological study design in population health research – case study: Climate change and human health (*for HLN710*), School of Public Health, Queensland University of Technology, Brisbane, 10 March 2008.

International Health Development – Case Studies from China. (*for PUB565*), School of Public Health, Queensland University of Technology, Brisbane, 30 April 2007.

Global Environmental Change and Public Health (*for PUB565*) School of Public Health, Queensland University of Technology, Brisbane, 30 April 2007.

Global Climate Change and Population Health. (*for PUB332*), School of Public Health, Queensland University of Technology, Brisbane, 28 May 2007.

Living with climate change: A preliminary public health impact assessment. National Centre for Epidemiology and Population Health, Australian National University. 10 August 2006.

2001-2005

Coordinator of Determinants of Workplace Injury and Disease (PUN302)
School of Public Health
Queensland University of Technology

Students evaluation (2004): mean = 4.4 (range: 4.1 – 4.7)
(Note: 1 = very poor; 2 = poor; 3 = satisfactory; 4 = good; 5 = very good)

1998-2005

Coordinator of Advanced Epidemiology (PUN103)
School of Public Health
Queensland University of Technology

Students evaluation (2003): mean = 4.2 (range: 3.0 – 4.8)
(Note: 1 = very poor; 2 = poor; 3 = satisfactory; 4 = good; 5 = very good)

- 1998 - 2004 **Coordinator of Public Health Research Method Journal Club
Centre for Public Health Research
School of Public Health
Queensland University of Technology**
- Students evaluation (2000): 95% students rating: very useful/useful
- 1997 – 1998 Lecturer in epidemiology
Department of Social and Preventive Medicine
University of Queensland
- Co-ordinator for SM801: Introduction to Epidemiology and
Biostatistics (Flexible/ Traditional Mode)**
- Students evaluation (1997): mean = 4.4 (range: 3.7 – 4.7)
(Note: 1 = very poor; 2 = poor; 3 = satisfactory; 4 = good; 5 = very
good)
- Co-ordinator for SM830: Epidemiology in public health practice
(Traditional Mode)**
- Students evaluation (1997): mean = 4.5 (range: 4.0 – 4.9)
(Note: 1 = very poor; 2 = poor; 3 = satisfactory; 4 = good; 5 = very
good)
- 1994 -1997 Lecturer in the Department of Health Services
Management and Public Health,
University of New England.
- Coordinator for PH 331/531: Epidemiology**
- Students evaluation (1995): 98% rating: very good/good
- Coordinator for HS 251/451: Biostatistics for Health Professionals**
- Students evaluation (1995): 90% rating: very good/good
- Coordinator for PH 366/466: Community development (For 2nd
Semester 1996 only)**
- No evaluation was conducted.
- 1992 - 94 Tutorial Convenor for the Master in Public
Health course in the Department of Community
Medicine, University of Adelaide.
- 1990 - 92 Visiting Scholar in the Department of Community
Medicine, University of Adelaide (Involved in the teaching
of undergraduate medical students and MPH students).
- 1982 - 85 Associate Lecturer in the Department of Environmental
Health, School of Public Health, Anhui Medical
University.

Professional Leadership:

- 2019 Chair, Prof. Bingshun Wang's seminar "Clinical research under a biostatistician's view". Shanghai Children's Medical Center, 25/9
- 2019 Convenor and Chair, Symposium on "Co-benefit analysis of climate change mitigation in the Asia-Pacific region", the 31th Annual International Society for Environmental Epidemiology Conference. Utrecht, Netherlands, 25-28 August.
- 2019 Convenor and Chair, Symposium on "Applications of spatiotemporal modelling in epidemiological research", the 31th Annual International Society for Environmental Epidemiology Conference. Utrecht, Netherlands, 25-28 August.
- 2019 Co-Chair (with Prof. Tong Zhu), Session on "Evaluation of health interventions in the field of environmental epidemiology", the 31th Annual International Society for Environmental Epidemiology Conference. Utrecht, Netherlands, 25-28 August.
- 2019 Chair, Climate Change and Population Health session, Ecosystem Change and Population Health Symposium, QUT, Brisbane, 3-4/6
- 2019 Invited member, Scientific Committee, ISEE Asia Chapter Conference, Daegu, Korea, 17 – 19/10
- 2019 Invited advisor, Medicine and Education Linkage Organizing Committee, National Federation for Child Health
- 2019 Chair, Prof. Haidong Kan's seminar "Air pollution and children's health", Shanghai Children's Medical Center, 23/4
- 2019 Invited advisor, Health and Climate Change roundtable, Tasmanian Department of Health, 3/4
- 2019 Invited member, Scientific Organizing Committee, Global Transitions conference, Tsinghua University, Beijing, 14 – 16/10
- 2018 Invited panel member, Maryam Ghazani's PhD final seminar "Relationship between temperature and infectious gastrointestinal diseases in Queensland, Australia". QUT 19/12
- 2018 Chair, Innovative Design and Modelling Approaches, 2nd International Forum on Climate Change and Health Response, Guangzhou, China, 2-4 December
- 2018 Chair, Environment and Children's Health Forum, Annual Conference on Child Health Care, Hohhot, China 17-20/9
- 2018 Invited discussant, Panel Discussion on "The developmental plan of Key Laboratory of Anhui Province on Environment and Population Health", School of Public Health, Anhui Medical University, 6/5
- 2018 Invited member, Assessment Panel, Wu Xiaoyan's PhD final seminar "Exposure to seven heavy metals across different trimesters and children's development". School of Public Health, Anhui Medical University, 6/5

- 2018 Invited member, Assessment Panel, Ding Zheng's PhD final seminar "Maternal exposure to PAEs and its health effects as well as mechanisms". School of Public Health, Anhui Medical University, 6/5
- 2018 Chair, Zhao Jing's PhD final seminar "Effects of exposure to screen on cognitive development". Shanghai Jiao Tong University School of Medicine, 4/5
- 2018 Chair, Zhu Lixia's Master final seminar "Impact of pregnancy sleep on children's development". Shanghai Jiao Tong University School of Medicine, 4/5
- 2018 Invited Project Grant Reviewer for Wellcome Trust
- 2018 Invited Reviewer for ISES-ISEE 2018 Conference
- 2018 Invited Project Grant Reviewer for Swiss National Science Foundation
- 2017 Chair, Prof. Zongfan Zhang's seminar "The procedure for developing a clinical guideline". Shanghai Children's Medical Center, 13 November
- 2017 Co-Chair (with Prof. Jin Jing), Session on childhood development, 2017 Conference on Child Health Care, Shen-Zhen, China, 2-5 November
- 2017 Co-Chair (with Prof. Chonghuai Yan), Session on environment and child health, 2017 Conference on Child Health Care, Shen-Zhen, China, 2-5 November
- 2017 Chair, Prof. Fengxiu Ouyan's seminar "Common problems in epidemiological research". Shanghai Children's Medical Center, 30 October
- 2017 Chair, Session on the health effects of ambient exposures. Asian-Pacific Environment and Health Symposium. Yinchuan, Ningxia, China, 10-12 October.
- 2017 Convenor and Co-Chair (with Prof. James Goodman), Symposium on "Climate change, heat, mortality and climate action", the 29th Annual International Society for Environmental Epidemiology Conference – Healthy Places, Healthy People – Where are the connections? Sydney Australia, 24-28 Sept.
- 2017 Co-Chair (with Prof. Melissa Haswell), poster discussion on "Hazardous Waste, Waste Management and Organic Chemicals". the 29th Annual International Society for Environmental Epidemiology Conference – Healthy Places, Healthy People – Where are the connections? Sydney Australia, 24-28 Sept.
- 2017 Co-Chair (with A/Prof. Wenbiao Hu), Session on "Ecosystem change, infectious disease transmission and early warning", the 29th Annual International Society for Environmental Epidemiology Conference – Healthy Places, Healthy People – Where are the connections? Sydney Australia, 24-28 Sept.

- 2017 Co-Chair (with Dr. Ying Zhang), poster discussion on “Climate change”. the 29th Annual International Society for Environmental Epidemiology Conference – Healthy Places, Healthy People – Where are the connections? Sydney Australia, 24-28 Sept.
- 2017 Chair, Prof. Changzhong Chen’s seminar “Clinical research in China: Current state and challenges”. Shanghai Children’s Medical Center, 28/7
- 2017 Invited member, Review Board, EHP
- 2017 Convenor, Workshop on Spatiotemporal Modelling, Hefei, Anhui Province, 28-30/6
- 2017 Invited Project Grant Reviewer for Hong Kong Health and Medical Research Fund
- 2017 Invited grant reviewer, NSFC
- 2017 Advisor, NIENS, China CDC, 10/5.
- 2017 Advisor, Institute of Environment and Population Health Review Committee, Anhui Medical University, 8/5.
- 2017 Discussant, Round Table Discussion on Clinical Research, SCMC, 25/4
- 2017 Invited NHMRC Project Grant Reviewer
- 2016 Chair, ARC Project progress meeting, SPHSW, QUT, 9/12
- 2016 Invited grant reviewer, NSFC
- 2016 Chair, ARC Project progress meeting, SPHSW, QUT, 8/11
- 2016 Best Environmental Epidemiology paper in 2015 selected by ISEE Rome Conference, 1-4 Sept, 2016:
Gasparrini A, Guo Y, Hashizume M, Lavigne E, Zanobetti A, Schwartz J, Tobias A, **Tong SL**, Rocklöv J, Forsberg B, Leone M, De Sario M, Bell ML, Guo YL, Wu CF, Kan H, Yi SM, de Sousa Zanotti Stagliorio Coelho M, Saldiva PH, Honda Y, Kim H, Armstrong B. Mortality risk attributable to high and low ambient temperature: a multi-country study. *Lancet* 2015; 386:369-75.
- 2016 Invited Panellist, Workshop on “Global Health Security: Climate and Environmental Threats” Hong Kong University, 10th June
- 2016 Chair, Rokeya Atker’s PhD confirmation seminar “*Assessing the joint effects of climate variability and sociodemographic factors on dengue transmission*” QUT, 17/5.
- 2016 Advisor, Faculty Promotion Review Committee, 16/5.
- 2016 Invited abstract reviewer, ISEE Rome Conference, 1-4 Sept.

- 2016 Invited representative, ATN Global Challenges Initiative, University of South Australia, Adelaide, 10-11 February
- 2016 Chair, Visitor Prof. Tong Zhu's seminar, "Policy implications of air-pollution-related health effects in China". School of Public Health, QUT, 4 February
- 2015 - 17 Member, Scientific Program Committee for ISEE 2017 Conference in Sydney
- 2015 Invited reviewer, grant applications for Shanghai Key Lab on Climate and Health, 30 November
- 2015 Invited attendee, National Science Foundation of China's workshop on "Strategic Directions for Maternal and Child Health", Wuhu, Anhui, 19-20 November
- 2015 Chair, Thi, Anh Thu Dang's PhD confirmation seminar "“*Impact of ambient temperature on emergency hospital admissions for acute myocardial infarction in the central coast of Vietnam*”" QUT, 5 November
- 2015 Chair, Visitor Prof. Helen Berry's seminar, "Sustaining Mental Health in a Warming World". IHBI, QUT, 9/10
- 2015 Co-Chair (with Drs. Somsak Piltaksanurat & Vanphanom Sychareum), Session on "Environmental Health", 7th International Conference on Public Health among the Greater Mekong Sub-Regional Countries, Hue City, Vietnam, 26-27 September, 2015
- 2015 Co-Chair (with Drs. Chaiyuth Chavalitnitikul & Long Ngo), Session on "Occupational Health", 7th International Conference on Public Health among the Greater Mekong Sub-Regional Countries, Hue City, Vietnam, 26-27 September, 2015
- 2015 Invited Assessor, Natural Science Foundation of China (9 applications)
- 2015 Invited Assessor, German Research Council
- 2015 Chair, A/Prof. Wenbiao Hu's seminar "Spatial epidemiology and infectious disease surveillance". ECPHP, QUT, 29 June
- 2015 Invited Assessor, State Natural Science Award (2 applications), China
- 2015 Scientific Program Committee (Abstract Review Sub-Committee), the 27th Annual International Society for Environmental Epidemiology Conference - Addressing Environmental Health Inequalities, São Paulo, Brazil, August 30th - September 3rd, 2015.
- 2015 Chair and Convenor, Symposium on "Temperature, heat, heatwave and mortality", , the 27th Annual International Society for Environmental Epidemiology Conference - Addressing Environmental Health Inequalities, Sao Paulo, Brazil, 30 August -3 Sept., 2015.
- 2015 Chair, Session on "Climate and health: risks and responses", the 27th Annual International Society for Environmental Epidemiology

- Conference - Addressing Environmental Health Inequalities, Sao Paulo, Brazil, 30 August -3 Sept., 2015.
- 2015 Chair, Lina Madaniyazi's PhD final seminar "Evaluating and Projecting the Health Risks of Air Pollution in China" QUT, 4 June
- 2015 Chair, A/Prof. Peng Zhu's seminar "Maternal vitamin D status and health outcomes in early life". QUT, 1 June
- 2015 Invited expert, NHMRC workshop on health risk assessment workshop, Canberra, 31 March
- 2015 Chair, Shoshi Jahan's Master final seminar "Assessment of flood related mental illness in Bangladesh", 28 January
- 2015 Program Committee, 2nd International conference on Time Series (ITISE 2015), Granada, Spain, 1st-3rd July
- 2014 Chair, Health consequences of climate change session, the 4th Asia Chapter Conference of the International Society for Environmental Epidemiology, Shanghai, China, Nov. 29 – 2 Dec.
- 2014 Chair, Health risks of environmental exposures, the 4th Asia Chapter Conference of the International Society for Environmental Epidemiology, Shanghai, China, Nov. 29 – 2 Dec.
- 2014 Invited member, ECARD selection panel, Faculty of Health, QUT
- 2014 Chair, Climate and Health: Advancing Research Methods session, the 26th Annual International Society for Environmental Epidemiology Conference - From Local to Global: Advancing Science for Policy in Environmental Health, Seattle, Washington, USA on August 24-28th.
- 2014 Invited expert, Australian Academy of Science Think Tank, Brisbane, 23-25 July
- 2014 International Advisory Committee, the 4th Asia Chapter Conference of the International Society for Environmental Epidemiology, Shanghai, China, Nov. 29 – 2 Dec.
- 2014 Invited member, Editorial Advisory Board, International Journal of Biometeorology
- 2014 Chair, Zhiwei Xu's PhD final seminar "Assessment of temperature effects on childhood pneumonia and diarrhoea" 16 July
- 2014 Invited member, Overseas Talent Program, China Society of Science and Technology
- 2014 Chair, Zhen Qiao's Master final seminar "Mortality displacement in heat and cold-related deaths" 28 April
- 2014 College of Mentoring HDR Supervisors, QUT
- 2014 Co-Chair (with Prof. Tim Takaro), Climate and Health Track, the 26th Annual International Society for Environmental Epidemiology

- Conference - From Local to Global: Advancing Science for Policy in Environmental Health. The meeting will be held in Seattle, Washington, USA on August 24-28th, 2014.
- 2014 Chair, Jijia Wang's PhD final seminar "Maternal exposure to heatwave and birth outcomes". 11 February
- 2014 Invited member, Editorial Board, Environmental Research
- 2013 -14 International Advisory Committee, the 26th Annual International Society for Environmental Epidemiology Conference - From Local to Global: Advancing Science for Policy in Environmental Health, Seattle, Washington, USA on August 24-28th, 2014.
- 2013 Chair, Prof. Guangli Xu's seminar, Ecosystem Change and Population Health Program, QUT, 12 Dec.
- 2013 Chair, Annual General Meeting, Ausinan Science and Technology Society, Sydney, 24 Nov.
- 2013 Chair, Lina Madaniyazi's PhD confirmation seminar "Projecting Air Pollutants-related Mortality under a Changing Climate in East China", QUT, 12 Nov.
- 2013 Member of QUT's College of Mentoring HDR Supervisors
- 2013 Invited Member, WHO expert panel on foodborne diseases
- 2013 Invited Reviewer, South Africa Medical Research Council
- 2013 Invited Member, Shanghai Birth Cohort Study Advisory Committee
- 2013 Invited Reviewer for AEA Conference, Brisbane, 20-22 Oct.
- 2013 One of the representatives, SPHSW, roundtable discussion on a joint Australia-China Public Health Research Forum, 13 June
- 2013 Chair, Prof. Colin Butler's seminar "Climate Change, Health, Causality, and the Human Prospect". School of Public Health, QUT, 7 June
- 2013 Invited Review for ARC ECR Scheme
- 2013 Chair, Chester (Xin) Qi's PhD final seminar "Assessment of socioenvironmental drivers of suicide in Australia". 20 May
- 2013 Invited Expert Review Panel member for IHBI ECR Scheme
- 2013 Chair, Julie Tall's doctoral confirmation seminar "Flooding and Ross River virus" 2 May
- 2013 Invited member of the NCCARF College of Reviewers
- 2013 Chair, Yan Bi's PhD final seminar "Socio-ecological drivers of malaria in Yunan province, China" 2 May

2013	Invited reviewer, the 25th ISEE conference abstracts
2013	Convenor and Chair, Symposium on maternal exposure to weather extremes and birth outcomes, the Joint Conference of the International Society of Environmental Epidemiology, the International Society of Exposure Sciences and the International Society of Indoor Air Quality, Basel, Switzerland, August 19-23.
2013	Invited ARC Linkage Grant Reviewer
2013	National Adaptation Research Network (ARN) – Human Health management committee
2012-13	International Advisory Committee, the Joint Conference of the International Society of Environmental Epidemiology, the International Society of Exposure Sciences and the International Society of Indoor Air Quality, Basel, Switzerland, August 19-23.
2012	Chair, Shima Banu’s PhD final seminar “Examining the impact of climate change on dengue transmission in the Asia-Pacific region” 3 December
2012 - present	Invited member, The Organising Committee for the Mediterranean City Climate Change Consortium (MC-4)
2012	Invited member, Arbovirus Risk Expert Advisory Group, Queensland Health
2012	Invited panel member, Huong Tran Cam Dang’s confirmation seminar “Location of residence, season of birth and childhood temperament: Defining the role of Vitamin D and environmental factors during pregnancy” 18 October
2012	Convenor and Co-Chair (with Prof. Jim Zhang), Workshop on Publish or Perish: Track record is the key to research success. Xinhua Hospital, Shanghai, 28 September
2012	Invited member of the NCCARF College of Reviewers
2012	Convenor and Chair, Climate change and infectious diseases: challenges and opportunities. 24 th annual conference of International Society for Environmental Epidemiology, Columbia, South Carolina, USA, 26 - 30 August
2012	Co-Chair (with Prof. Xiaochun Pan), Risk assessment of climate change and air pollution in China. 24 th annual conference of International Society for Environmental Epidemiology, Columbia, South Carolina, USA, 26 - 30 August
2012	Chair, Zhiwei Xu’s confirmation seminar “The impact of temperature on paediatric morbidity in Brisbane, Australia” 13 August
2012	Nominee for the Research Impact Trial, QUT
2012	Invited NHRC Career Development Fellowship reviewer

2012	NHRC Research Fellowship Mock Interview Panel
2012	IHBI Early Career Researchers Grant Panel
2012	Chair, Cunrui Huang's PhD final seminar "The health effects of temperature: effect estimates, future projections and adaption strategies". 4 May
2012	Chair, Xiaofang Ye's PhD final seminar "The effect of hot and cold temperatures on emergency hospital admissions in Brisbane, Australia". 30 April
2012	Invited ARC Early Career Fellowship Grant Reviewer
2012-	Academic Committee, Shanghai Key Laboratory of Meteorology and Health.
2012	Chair, Health Meteorology Workshop Session "Scientific basis of health meteorology". Shanghai Meteorological Bureau, Shanghai, 28 March
2012	Chair, Yuming Guo's PhD final seminar "Estimating the health effects of ambient temperature: methodological challenges and proposed solutions". 26 March
2012	Chair, Su Naish's PhD final seminar "Spatial and temporal analysis of Barmah Forest virus disease in Queensland, Australia". 7 March
2012	Invited reviewer, the 24th ISEE conference symposia proposals
2012	Chair, Haiming (Ariel) Lou final seminar "Occupational exposure to heat and urolithiasis in Guangdong, China". 1 February
2012	International Advisory Committee, the 24th Annual Conference of the International Society for Environmental Epidemiology (ISEE), Columbia, South Carolina, USA, August 26-30, 2012
2012-6	Academic Committee, China Infectious Disease Automated-alert and Response System (CIDARS)
2012	Research Grant Assessor, Shanghai Key Laboratory of Meteorology and Health
2012-2016	Associate Editor, American Journal of Epidemiology
2012	National Adaptation Research Network (ARN) – Human Health management committee
2012	Steering Committee, Human Health and Wellbeing Domain, IHBI, Queensland University of Technology
2011-13	President, Ausinan Science and Technology Society
2011	Judge of Poster Presentations, IHBI Inspires Conference, QUT, Brisbane, Australia, 24-25 November 2011.

- 2011 Consultant, World Health Organisation (Beijing Office), Early Warning Systems for Disease Outbreaks Workshop, Beijing, 8-14 November
- 2011 Chair, Jijia Wang's confirmation seminar "Assessment of the effects of heatwaves on pregnancy outcomes in Brisbane, Australia". 25 November
- 2011 NHMRC Grant Review Panel, Canberra, 5-9 September
- 2011 Convenor, International Forum on Environment and Health – From molecule to planet, Owen J Wordsworth Room, QUT, 1 September
- 2011 Chair, Opening Plenary Session, International Forum on Environment and Health, Owen J Wordsworth Room, QUT, 1 September
- 2011 The Faculty of Health ERA Working Party
- 2011 Chair, Environmental exposure and risk assessment in children. Scientific Conference to Launch the Children's Health and Environment Program at the University of Queensland. Royal Brisbane Children's and Women's Hospital, Brisbane, 5-7 August
- 2011 Co-Chair (with Dr. Peter Rothlisberg), Dr. Linda Selvey (CEO, Greenpeace Australia) seminar: What impact will climate change have on our health? QUT, 9 May
- 2011 Chair, Collaboration between AMU and QUT, round table discussion with AMU delegation led by Prof. Xuejun Zhang, School of Public Health, QUT, 2 May
- 2011 Invited member, NHMRC Grant Review Panel
- 2011 Co-Chair (with Dr. Jim Zhang), Climate change and children's health – round table discussion, Shanghai Key Laboratory of Children's Environmental Health, Xinhua Hospital, Shanghai, 23 April
- 2011-15 Shanghai Weather/Health Forecasting Steering Committee
- 2011 National Adaptation Research Network (ARN) – Human Health management committee
- 2011 International Advisory Committee, the International Symposium on Health-Meteorology Service, Shanghai, 11-15 April 2011.
- 2011 Steering Committee, Human Health and Wellbeing Domain, IHBI, Queensland University of Technology
- 2010 Chair, Postgraduate Confirmation Seminar Panel. Yang Bi: Socio-environmental changes and malaria in Yunnan, China. School of Public Health, QUT, 3 December.
- 2010 Chair, Postgraduate Final Seminar Panel. Linn Strand: The influence of ambient temperature on birth outcomes in Brisbane, Australia. School of Public Health, QUT, 20 November.

- 2010 Chair, Postgraduate Confirmation Seminar Panel. Yuming Guo: Health co-benefits of strategies to reduce traffic-related greenhouse gas emissions in Brisbane: towards climate mitigation and adaptation. School of Public Health, QUT, 15 November.
- 2010 Chair, PhD Final Seminar Panel. Vivienne Yu: Identify and quantify temperature-related mortality. School of Public Health, QUT, 27 October.
- 2010 Chair, Postgraduate Confirmation Seminar Panel. Ray Huang: Projecting the health impacts of heatwaves: Development of adaptation strategies. School of Public Health, QUT, 20 September.
- 2010 Chair, Postgraduate Confirmation Seminar Panel. Chester Qi: Impact of socio-ecological factors on suicide in Australia. School of Public Health, QUT, 7 September.
- 2010 Convenor and Chair, Symposium on climate change and population health. Joint conference of International Society of Exposure Science & International Society for Environmental Epidemiology, Seoul, Korea, 28 August – 1 September 2010.
- 2010 Chair, Ethics and Philosophy Committee meeting. Joint conference of International Society of Exposure Science & International Society for Environmental Epidemiology, Seoul, Korea, 28 August – 1 September 2010.
- 2010 Panelist (**one of 6 invitees**). Career trajectories in epidemiology and exposure science. Joint conference of International Society of Exposure Science & International Society for Environmental Epidemiology, Seoul, Korea, 28 August – 1 September 2010.
- 2010 Chair, Biomedicine Forum, Queensland-Shanghai Innovation Workshop, Shanghai, 22 June
- 2010 - 2011 Deputy Chair, Equity Committee, Faculty of Health, QUT
- 2010 Chair, International Visitor – Prof. Chonghuai Yan’s seminar “Childhood lead poisoning in China”. IHBI, QUT, 26 March.
- 2010 Chair, Postgraduate Confirmation Seminar Panel. Shima Banu: Impact of climate variability and socio-ecological factors on the transmission of dengue virus disease in Townsville, Australia and Dhaka, Bangladesh. School of Public Health, QUT, 23 March.
- 2010 Scientific Program Committee, the FOCSA Symposium on Science, Technology, Education: Cooperation and Development. Convention Centre, Melbourne, Australia, 6-8 October (FOCSA: Federation of Chinese Scholars in Australia)
- 2010 Excellence in Research for Australia (ERA) Working Party, Faculty of Health, Queensland University of Technology
- 2010 International Advisory Committee, The 2010 Joint Conference of the International Society of Exposure Science (ISES) and the International

- Society for Environmental Epidemiology (ISEE), Seoul, Korea, August 28 to September 1.
- 2010 Invited NHMRC Project Grant Reviewer
- 2010 Scientific Program Committee, The 5th International Academic Conference on Environmental and Occupational Medicine, Dujiangyan, Sichun, China, 7-10 April
- 2010 Chair, Postgraduate Confirmation Seminar Panel. Su Naish: Forecasting the patterns of Barmah Forest virus disease in Queensland under different climate change scenarios. School of Public Health, QUT, 18 February
- 2010 Chair, Strategic Planning Session, National Council Meeting, Australasian Epidemiological Association, 29-30 January
- 2009 Chair, International Visitor – Prof. Haidong Kan’s seminar “Air Pollution and Population Health in China”. IHBI, QUT, 15 December
- 2009 Chair, Postgraduate Confirmation Seminar Panel. Xiaofang Ye: Temperature variation and hospital admissions in Brisbane, Australia, and Beijing, China. School of Public Health, QUT, 8 December
- 2009 Excellence in Research for Australia (ERA) Working Party, Faculty of Health, Queensland University of Technology
- 2009 Organising Committee, National workshop on vector-borne disease and climate, Brisbane, 12 November 2009.
- 2009 Chair, International Visitor – Prof. Xiaochuan Pan’s seminar “The relationship between air pollution reduction and heart rate variability in aged susceptible people during Beijing Olympic Games in 2008”. IHBI, QUT, 10 September
- 2009 Chair, Session on environmental health. Australasian Epidemiological Association Conference, Dunedin, New Zealand, 30 August – 1 September
- 2009 Co-Chair (with Dr. Mathilde Pascal), Session on respiratory and cardiovascular health effects of temperature and climate change. International Society for Environmental Epidemiology Conference, Dublin, Ireland, 25-29 August
- 2009 Co-Chair (with Dr. Jin Hee Kim), Session on air pollution: gene-environment interactions. International Society for Environmental Epidemiology Conference, Dublin, Ireland, 25-29 August
- 2009 Invited NHMRC Project Grant Reviewer
- 2009 National Adaptation Research Network (ARN) – Human Health management committee
- 2009 Drafting team, National Adaptation Research Network (ARN) discussion and ANZJPH papers

- 2009 Invited Reviewer, International Society for Environmental Epidemiology Conference, Dublin, UK, 25-29 August
- 2009 Grant Review Expert Panel, National Natural Science Foundation, Beijing, China, 20-31 July
- 2009 Chair, Strategic Planning Session, National Council Meeting, Australasian Epidemiological Association, 30-31 January
- 2009-2011 Vice President, National Council, Australasian Epidemiological Association (AEA)
- 2009 Chair, Postgraduate Final Seminar Panel. Chester Qi: Socio-environmental factors and suicide in Queensland. School of Public Health, QUT, 14 January
- 2009 Steering Committee, Human Health and Wellbeing Domain, IHBI, Queensland University of Technology
- 2008 Chair, Forum on the Health of Queenslanders 2008: Prevention of chronic disease, Queensland Health, 2 December
- 2008 Chair, Forum on Quality of Research Proposals, Jiao-Tong University, Shanghai, 5 November
- 2008 Co-Chair (with Dr. Kristie Ebi), Symposium on health impact of and adaptation to climate change. International Society for Environmental Epidemiology Conference, Pasadena, USA, 12-16 October
- 2008 Chair, Introduction to Forum on Epidemiology and International Health, IHBI, QUT, 1 October
- 2008 Australasian Epidemiological Association Council
- 2008 Public Health Research Consultative Committee
School of Public Health
Queensland University of Technology
- 2008 Early Career Research Scheme Panel, IHBI, September
- 2008 Facilitator, Attracting high quality research students, Supervisors Workshop, 27 August
- 2008 Grant Review Expert Panel, National Natural Science Foundation, Changchun, China, 20-30 July
- 2008 Chair, Introduction to Forum on Falls Prevention in Older People, Queensland Health, 27 May
- 2008 Chair, Prof. Brian Kay's Flying Visit Seminar: Innovative approaches to dengue vector control. IHBI, QUT, 14 May
- 2008 Chair, Steering Committee, Development of a Framework for Assessing the Vulnerability of Eco-Environmental Health to Climate Change

2008	NHMRC Internal Reviewer, IHBI, QUT
2008	Drafting team, Development of a National Adaptation Research Plan for Human Health
2008 - 2015	Ethics Adviser School of Public Health Queensland University of Technology
2008	International Health Program School of Public Health Queensland University of Technology
2007 – 2014	Councillor, The Federation of Chinese Scholars in Australia (FOCSA) Council
2006-2008	Chair, Organising Committee, Queensland Epidemiology Group (QEG), Australasian Epidemiological Association
2007	Chair, Dr. Steven Robert's Flying Visit Seminar: Model selection in air pollution mortality time series studies. IHBI, QUT, 29 November
2007	Chair, Presentation by Prof. Geoff Marks on "Where's the evidence? – challenges in evaluating environmental and multi-strategy interventions"? The 4th meeting of Queensland Epidemiology Group (QEG), Queensland Health, 13 November
2007	Member, International Advisory Committee, 2 nd East Asia Conference of the International Society for Environmental Epidemiology, Jeju Island, South Korea, 18-19 April 2008
2007	Co-Chairs (with Prof. Alven Zipursky), Panel Discussion and Open Forum: Research needed to determine the effects of environmental pollution on child development and disease. A Program for Global Paediatric Research Symposium, Hangzhou, China, October 26-27.
2007	Member of the Selection Panel, Early Career Researcher Scheme, IHBI
2007	Chair, Introduction to Forum on UV, Vitamin D and Skin Cancer, Bancroft Centre, QIMR, 19 September
2007	Chair, Session 2, Human Health and Wellbeing Domain Planning Day, IHBI Seminar Room, 19 September
2007	Member of the Working Party, Human Health and Wellbeing Domain Planning Day, IHBI
2007	Invited NHMRC Fellowship Grant Reviewer
2007	Member of QUT Promotion Committee
2007	Co-Chair (with Prof. Colin Soskolne from Canada) – Ethics issues in environmental health policies. 19 th Conference of the International Society for Environmental Epidemiology, Mexico City, Mexico, 4-8 September

- 2007 Member, Local Organising Committee, Population Health Congress. Brisbane, Australia, 2008.
- 2007 Chair, Presentation by Prof. Andrew Wilson on “How can epidemiology better inform real world decisions”? The inaugural meeting of Queensland Epidemiology Group (QEG), Queensland Health, 10 May
- 2007 Member of the International Scientific Advisory Committee, Global Paediatric Research Symposium - *The Effect of Environmental Pollutants on Foetal and Child Development: A Global issue*. Hangzhou, China, October 26-28,2007.
- 2006-07 Member, Career Development Sub-Committee, IHBI
- 2006 Co-Convenor (with Dr. Thomas Tenkate) – International Symposium on Environmental Health, Climate Change and Sustainability, Brisbane, 20-22 November.
- 2006 Chair, Organising Committee, International Symposium on Environmental Health, Climate Change and Sustainability, Brisbane, 20-22 November, 2006.
- 2006 Co-Chair (with Prof. P. Liu from China) - Symposium on environment and health. The 4th International Academic Conference on Environmental and Occupational Medicine, Kunming, 17-19 October.
- 2006 Member of Science Committee, The 4th International Academic Conference on Environmental and Occupational Medicine, Kunming, 17-19 October.
- 2006 Co-Chair (with Dr. Elihu Richter from Isreal) - Symposium on ethical issues in environmental health. The International Conference on Environmental Epidemiology and Exposure, Paris, France, 2-6 September, 2006.
- 2006 Co-Chair (with Dr. Ken Cantor from USA) - Symposium on water. The International Conference on Environmental Epidemiology and Exposure, Paris, France, 2-6 September, 2006.
- 2006 Invited NHMRC Fellowship Grant Reviewer
- 2006-Present Member, Philosophy and Ethics Committee
International Society for Environmental Epidemiology
- 2005 - 2006 Chair, Research Committee
School of Public Health
Queensland University of Technology
- 2005 Co-Chair (with Dr. Dominique Charron from Canada) – Symposium on climate change and epidemics. 17th Conference of the International Society for Environmental Epidemiology, Johannesburg, South Africa, 13-16 September
- 2005 Chair – Symposium on treatment and prevention of lead poisoning in children. Shanghai, China, 26 September

2005-2010	Faculty Member, F1000 Medicine (Environmental Health Evaluation Board)
2005-2012	Inaugural member, Institute for Sustainable Resources
2004 -2010	Co-Chair (with Prof. Nipapun Kungskulniti), Environmental & occupational epidemiology network in the Asia-Pacific Region
2004	Chair, Round Table Discussion – Establishment of environmental epidemiology network, 36th APACPH Conference 'Public Health Networks and Alliances: Building Capacity in the Asia-Pacific Region' in Brisbane, 30 November-3 December
2004	Co-Chair, Symposium (with Prof. Nipapun Kungskulniti) – Future environmental health challenges, 36th APACPH Conference 'Public Health Networks and Alliances: Building Capacity in the Asia-Pacific Region' in Brisbane, 30 November-3 December
2004	Member of Science Committee, The 3 rd International Academic Conference on Environmental and Occupational Medicine, Shanghai, 10-12 Nov.
2003	Co-Chair, Symposium (with Dr. Kristie Ebi from USA) – Climate change and health impacts, 15 th Conference of the International Society for Environmental Epidemiology, Perth, Australia, 23-26 September
2003	Member, The Regional Committee, 15 th Conference of the International Society for Environmental Epidemiology, Perth, Australia, 23-26 September
2003	Chair, Engaging communities, The 35th Australian Public Health Association Annual Conference: Essentials, differentials and potentials in health. Brisbane, 28 September – 1 October.
2003	Chair, Child health, The 35th Australian Public Health Association Annual Conference: Essentials, differentials and potentials in health. Brisbane, 28 September – 1 October.
2003	Member, Executive Committee, Queensland Branch, Public Health Association of Australia.
1999 - 2002	President, Queensland Branch Ausinan Science & Technology Society
1998 - Present	Lifetime Member Ausinan Science & Technology Society
1998 - 2005	Member, Policy and Planning Committee International Society for Environmental Epidemiology
1999 – 2001	Research Committee School of Public Health Queensland University of Technology
1999 – 2006	Staff Diversity Network Organising Committee

	Queensland University of Technology
1999	Research Students Sub-Committee School of Public Health Queensland University of Technology
1999	Ethics Adviser School of Public Health Queensland University of Technology
1997- 98	Graduate Health Studies Executive Committee Queensland Centre for Public Health Education Program Committee Teaching and Learning Committee Consultative Committee Department of Social and Preventive Medicine University of Queensland
1997	Convenor, Policy and Planning meeting International Society for Environmental Epidemiology Taipei, August 17-20
1994 - 97	Departmental Academic Board Master of Public Health course committee Master of Health Management course committee Convenor for research seminar series Department of Health Services Management and Public Health, University of New England.

Scholarships, Fellowships and Awards:

2019	Outstanding Contribution Award, Ausinan Science and Technology Society
2016	Best Environmental Epidemiology Paper 2015 (with Dr. Antonio Gasparrini, et al) awarded by International Society for Environmental Epidemiology.
2016	Encouragement Award, IHBI, QUT
2015	Carla Paterson Publication Award, IHBI, QUT
2014	President's Award, Ausinan Science and Technology Society
2013	Best Environmental Epidemiology Paper 2012 (with Drs. Linn Strand, Adrian Barnett) nominated by International Society for Environmental Epidemiology.
2013	Vice-Chancellor's Award for Excellence Nominee
2009-14	NHMRC Senior Research Fellowship
2009	Bei Yu Lan Award for international collaboration, Shanghai
2009	Encouragement Award, IHBI, QUT
2008	Carla Paterson Publication Award, IHBI, QUT

2008	Encouragement Award, IHBI, QUT
2007	Vice-Chancellor's performance fund award, QUT
2004-8	NHMRC Senior Research Fellowship
1999	International Epidemiology Association Travel Grant
1997	International Society for Environmental Epidemiology Conference Grant
1996	International Epidemiology Association Travel Grant
1994 - 95	Academic Development Scheme University of New England
1990 - 92	Scholarship, Department of Community Medicine, University of Adelaide
1992 - 94	Australian Development and Co-operation Scholarship Scheme, Australian Federal Government
1992 - 94	Scholarship, University of Adelaide
Editorial Board	
2017.7 -	Environmental Health Perspectives Review Board
2014.3 –	International Journal of Biometeorology
2014.3 –	Academic Editor, PLoS ONE
2014.2 –	Environmental Research (Associate Editor 2019.2 -)
2012.6 - 2016.1	Associate Editor, American Journal of Epidemiology
2010-2015	Environmental Health and Toxicology
2009-13	Fifth Editorial Board of the Journal of Environmental and Occupational Medicine (Chinese)
2006-2009	Environmental Health Board, Faculty of 1000 Medicine, UK
2006-2010	The Open Environmental Journal
2007	Guest Editor, Environmental Health (Special Issue on environmental health, climate change and sustainability)
2004-08	Fourth Editorial Board of the Journal of Environmental and Occupational Medicine (Chinese)

Peer Reviewer

N Engl J Med, Environmental Health Perspectives, American Journal of Epidemiology, Medical Journal of Australia, EcoHealth, Aust N Z J Public Health, Bulletin of World Health

Organisation, Archives of Disease in Childhood, Journal of Epidemiology and Community Health, Social Science & Medicine, Environmental Health, J Environ Occup Med, Archives of Environmental Contamination and Toxicology, Acta Tropica, People and Place, Journal of Applied Ecology, Tropical Medicine & International Health, Environment International, Paediatric and Perinatal Epidemiology, Environ Occup Med, Science of the Total Environment

Grant assessor

NHMRC, ARC, Nestle Foundation, NSFC, UK Natural Environment Research Council, Netherlands Research Council

Research Grants:

CURRENT

- Investigators: Xiaodan Yu, **Shilu Tong**, Shijian Liu
Grant: Pudong Department of Science and Technology
Title: Evaluation of the intervention effectiveness and technological standard towards feeding difficulties among infants through hospital-community collaboration
Amount: **2017-19: RMB160K** (matched by SCMC)
- Investigators: Fan Jiang, Guanghai Wang, **Shilu Tong**, Yanrui Jiang, Yunting Zhang, Qi Zhu, Peiyin Ma, Qinming Lin, Yujiao Deng, Lixia Zhu.
Grant: Natural Science Foundation of China
Title: Investigation of the impact of sleep on socio-emotional development in early childhood and its mechanisms.
Amount: **2018-20: RMB600K**
- Investigators: **Shilu Tong**, Fan Jiang, Yong Yin, Shijian Liu, Jianguo Tan, Chonghuai Yan, Guangjun Yu, Shenghui Li.
Grant: Commission of Science and Technology of Shanghai (#18411951600)
Title: Integrated study of the impact of climate change on allergic diseases among children and response strategies.
Amount: **2018-21: RMB2.5M**
- Investigators: Shenghui Li, **Shilu Tong**, Xianron Zhao, Xiuxia Ye, Jin Zhang, Xu Liu, Hongrong Fan, Yi Feng, Anda Zhao, Yuanqing Xia.
Grant: Natural Science Foundation of China
Title: The role of melatonin in the association of sleep during peri-conception period with cardiomyogenesis of offspring by driving Nodal/TGF- β signaling pathway.
Amount: **2019-22: RMB800K**

COMPLETED

- Investigators: Tony McMichael, Peter Baghurst, Shilu Tong
Grant: Channel 7 Research Foundation of South Australia
Title: Long-term effects of exposure to environmental lead in childhood
Amount: **1992-93 \$32,000; 1993-94 \$21,300**
- Investigators: Tony McMichael, Shilu Tong
Grant: University of Adelaide Pilot Project Grant
Title: Long-term effects of exposure to environmental lead in childhood
Amount: **1993-94 \$5,000.**
- Investigator: Shilu Tong

Grant: University of New England Pilot Project Grant
Title: A survey of the knowledge, attitudes, and practice of health professionals and primiparous women regarding breastfeeding
Amount: **1995-96** \$4,000.

Investigators: Shilu Tong, Kevin Parton
Grant: Kent Hughes Memorial Research Grant
Title: Exposure to woodsmoke and pulmonary function in asthmatic children
Amount: **1996-97** \$7,600.

Investigators: Shilu Tong
Grant: University of Queensland Pilot Project Grant
Title: Breast feeding and cognitive development
Amount: **1997-98** \$19,980.

Investigators: Shilu Tong, Rod Gerber, G Neville, Michael Moore
Grant: University of Queensland (Research Enabling Grant)
Title: Development of environmental health indicators
Amount: **1997-98** \$15,000.

Investigators: Shilu Tong
Grant: Queensland University of Technology (Pilot Grant)
Title: Integrated assessment of the potential impact of climate change on population health
Amount: **1998-99** \$8,000.

Investigators: Shilu Tong, Brian Oldenburg & Chris Del Mar
Grant: Queensland Health
Title: Screening for colorectal cancer – A feasibility study
Amount: **1999** \$44,000.

Investigators: Don Stewart, Melissa Stoneham, Mike Capra, Shilu Tong, Beth Newman, Anne Neller.
Grant: Commonwealth Department of Health and Aged Care
Title: Environmental Health and Sustainable Development
Amount: **1999** \$130,000

Investigators: Shilu Tong, Brian Oldenburg & Chris Del Mar
Grant: Queensland Health
Title: Screening for colorectal cancer – Computer Assisted Telephone Interview
Survey Amount: **2000** \$16,000

Investigators: Shilu Tong, Brian Oldenburg & Chris Del Mar
Grant: Queensland Health
Title: Screening for colorectal cancer – Comparison of the effectiveness of different service delivery modes
Amount: **2000** \$22,000

Investigators: Shilu Tong, Kerrie Mengersen
Grant: Queensland University of Technology (Research Development Grant)
Title: Application of GIS and spatial modelling in public health research
Amount: **2001** \$12,500

Investigators: Shilu Tong,
Grant: Queensland University of Technology (Encouragement Grant)
Title: Integrated assessment of the potential impact of climate change on the

transmission of Ross River virus disease
Amount: **2001** \$25,000

Investigators: Shilu Tong,
Grant: Environmental Protection Agency, Queensland Health and Queensland University of Technology (Industry Collaborative Grant)
Title: Development of environmental health indicators in the context of sustainable development
Amount: **2001** \$20,000

Investigators: Beth Newman, Shilu Tong, Leonie Short, Brian Oldenburg, Barbara Leggett, Joanne Aitkin, Chris Del Mar, John Lowe, Warren Stanton, Alexandra Clavarino, Beverly Raasch.
Grant: Queensland Health
Title: Population-based colorectal cancer screening: A demonstration project utilising faecal occult blood testing
Amount: **2001** \$228,000

Investigators: Shilu Tong, Peng Bi, Beth Newman
Grant: Queensland Health
Title: Climate variability and the transmission of Ross River virus infection in Queensland
Amount: **2002** \$16,900

Investigators: Brian Oldenburg, Shilu Tong
Grant: Queensland University of Technology (ATN Grant)
Development of a framework for spatial analysis in public health research
Amount: **2002** \$13,500

Investigators: Shilu Tong,
Grant: Queensland Health and Queensland University of Technology (Industry Collaborative Grant)
Title: Application of GIS and spatial modelling in the surveillance of Ross River virus disease
Amount: **2002** \$20,000; **2003**: \$20,000; **2004**: \$20,000

Investigators: Shilu Tong, Rod Gerber, Rodney Wolff, Ken Verrall
Grant: Australian Research Council (Discovery Grant; Project ID: DP0211869)
Title: Development of environmental health indicators in the context of sustainable development
Amount: **2002**: \$38,000; **2003**: \$48,000; **2004**: \$30,000

Investigators: Shilu Tong, Kerrie Mengersen
Grant: Australian Research Council (Discovery Grant; Project ID: DP0346777)
Title: Dynamic and spatio-temporal approach to environmental health modelling
Amount: **2003**: \$77,000; **2004**: \$60,000; **2005**: \$75,000

Investigators: Shilu Tong, John Mackenzie, Neville Nicholls, Pate Dale, Rodney Wolff, Tony McMichael
Grant: NHMRC (Project Grant; ID No: 242210)
Title: Assessment of the impact of climate variability on the transmission of Ross River virus disease
Amount: **2003**: \$53,333; **2004**: \$53,333; **2005**: \$53,333

Investigator: Shilu Tong
Grant: NHMRC (Senior Research Fellowship: 290515)

Title: Ecosystem change and population health
Amount: **2004:** \$99,250; **2005:** \$99,250; **2006:** \$99,250; **2007:** \$99,250; **2008:** \$99,250.

Investigators: Network on ERAM (led by Prof. Michael Moore)
Grant: Australian Research Council (Research Networks Grant; ID No: SR0354739)
Title: Environmental risk assessment and management
Amount: **2004:** \$20,000

Investigators: Network on Earth System Science (**Tong** is among 50 investigators led by Prof. Andy Pitman)
Grant: Australian Research Council (Research Networks Grant; ID No: RN0460181)
Title: The ARC Earth System Science Network
Amount: **2004-09:** \$1,950,000 (\$390K a year for 5 years)

Investigator: Shilu Tong, Xiao-Chuan Pan
Grant: QUT Visiting Research Fellowship
Title: A comparative study on the health effects of air pollution and weather in Beijing and Brisbane
Amount: **2005:** \$10,000

Investigators: Shilu Tong
Grant: Brisbane City Council
Title: Review of health hazards and public health risks in the waterways of Brisbane
Amount: **2005:** \$49,390

Investigators: Shilu Tong, Des Connell
Grant: Australian Research Council (Discovery Grant; Project ID: DP0559655)
Title: Toward the effective surveillance of environmental health hazards for a sustainable society
Amount: **2005:** \$100,000; **2006:** \$98,000; **2007:** \$100,000

Investigators: Shilu Tong
Grant: IHBI seeding grant
Title: Assessing the association between temperature variability and mortality in Brisbane
Amount: **2006:** \$4,000

Investigators: John Bell, Peter Grace, Binh Pham, Gerard Ledwich, Laurie Buys, Ashantha Goonetilleke, Kerrie Mengersen, Shilu Tong, Doug Baker, Lidia Morawsk, Doug Fisher
Grant: QUT Strategic Collaborative Program Grant Scheme
Title: Sustainable Resource Use: A Scalable System to Support Analysis, Planning and Decision-making.
Amount: **2006:** \$373,095

Investigators: Ying Tian, You Yang, Shilu Tong
Grant: Shanghai Scientific Committee (DZ22013)
Title: Gene—environment interaction study of formaldehyde in childhood leukemia
Amount: 600,000RMB (**2006-08**)

Investigators: Shilu Tong
Grant: ARC Network of Earth System Science (ARCNESS)
Title: Development of a database on climate and socioecological factors and health outcomes
Amount: **2006:** \$20,000

Investigators: Lidia Morawska, Kerrie Mengersen, Shilu Tong, Zoran Ristovski,
 Godwin Ayoko, Dale Gilbert
 Grant: IHBI seeding grant
 Title: Pilot Study on the Effect of Traffic Emissions on Respiratory Health of School
 Children
 Amount: **2007:** \$30,000

Investigators: Shilu Tong, Peter Mather
 Grant: ARC Linkage Grant (LP0776918)
 Title: Development of a framework for assessing the vulnerability of eco-
 environmental health to climate change.
 Amount: **2007:** \$60,865; **2008:** \$56,092; **2009:** 60,628

Investigators: Shilu Tong
 Grant: IHBI, QUT (Encouragement Grant)
 Title: Development of early warning systems for outbreaks of Ross
 River virus disease using GIS-based spatiotemporal models.
 Amount: **2008:** \$10,000

Investigators: Climate Change Adaptation Research Facility (**Tong** is among many
 investigators led by Prof. Lesley Johnson)
 Grant: Australian Greenhouse Office
 Title: Australian Centre for Climate Change Adaptation
 Amount: **2008-12:** \$50 M (\$10M a year for 5 years)

Investigators: Shilu Tong, Gerry J FitzGerald; Peter J Aitken; Rodney C Wolff;
 Vivienne C Tippett
 Grant: ARC Linkage Grant (LP0883998)
 Title: An evaluation of the environmental health risk of heatwaves associated with
 global warming
 Amount: **2008 :**\$ 60,955; **2009 :**\$ 108,202; **2010 :**\$ 97,059; **2011 :**\$ 49,812

Investigators: Shilu Tong, Haidong Kan
 Grant: IHBI, QUT (Visiting Fellowship)
 Title: The impact of air pollution and climate variation on mortality.
 Amount: **2009:** \$4,700

Investigator: Shilu Tong
 Grant: NHMRC (Senior Research Fellowship:553043)
 Title: Ecosystem change and population health
 Amount: **2009:** \$112,000; **2010:** \$112,000; **2011:** \$112,000; **2012:** \$112,000;
2013: \$112,000; **2014:** \$112,000

Investigators: Shilu Tong, Chonghuai Yan
 Grant: SPH, QUT (Visiting Fellowship)
 Title: Environmental changes and children's health.
 Amount: **2009:** \$6,000

Investigators: Shilu Tong
 Grant: CSIRO Flagship Collaboration Fund
 Title: Managing the health effects of heatwaves through development of a quantitative
 model
 Amount: **2010:** \$17,000; **2011:** \$11,000; **2012:** \$11,000

Investigators: Shilu Tong, Des Connell
 Grant: Australian Research Council (Discovery Grant; Project ID: DP1095752)

Title: Integrated and precautionary approach for assessing complex environmental health impacts
Amount: **2010:** \$130,000; **2011:** \$90,000; **2012:** \$80,000

Investigators: Shilu Tong
Grant: SPH, QUT (Research Development Grant Initiative)
Title: Research capacity building in climate change and population health
Amount: **2010:** \$20,000

Investigators: Shilu Tong
Grant: FoH, IHBI (Special Research Development Grant)
Title: Research support for CRC bid
Amount: **2010-2011:** \$35,000

Investigator: Shilu Tong, Kerrie Mengersen, John McBride
Grant: NHMRC (Project Grant APP1011459)
Title: Projection of the impact of climate change on the transmission of Ross River virus disease
Amount: **2011:** \$140,433; **2012:** \$120,433 (Extended to 2013)

Investigators: Shilu Tong, Pat Dale, John Mackenzie, Kerrie Mengersen
Grant: Australian Research Council (Discovery Grant; Project ID: DP110100651)
Title: From science to policy: quantifying and managing the risk of mosquito borne disease in the context of climate change.
Amount: **2011:** \$108,712; **2012:** \$96,543; **2013:** \$105,705 (Extended to 2014)

Investigators: Shilu Tong
Grant: IHBI, QUT
Title: Encouragement Award
Amount: **2016-17:** \$20,000

Investigators: A collaborative research group (**Tong** is among many investigators)
Grant: National Climate Change Adaptation Research Facility
Title: Vulnerable Communities Adaptation Network
Amount: **2015-17:** \$607,000

Investigators: David Crompton, **Shilu Tong**, Gerry J FitzGerald, Ian Norton
Grant: Trauma and Disaster Management Research Grant (National Critical Care and Trauma Response Centre & QH)
Title: Assessment of the health effect of the 2011 floods in southeast Queensland and Northern Territory
Amount: **2016-17:** \$75,000

Investigators: A collaborative research group (**Tong** is among many investigators led by Prof. Jinyuan Chen)
Grant: 973 Program, Ministry of Science and Technology, China
Title: The mechanism of lead effects on children's brain function and preventive strategies
Amount: **2012-17:** \$3.6 M (RMB: 23M for 5 years)

Investigators: **Shilu Tong**, Gerry J FitzGerald, Yuming Guo, Bin Jalaludin
Grant: Australian Research Council Grant (DP 150103038)
Title: Development of health risk-based definition of heatwave
Amount: **2015:** \$117,034; **2016:** \$83,500; **2017:** \$90,634 (extend to 2018)

Publications:

Peer-reviewed journal articles:

1. **Tong SL.** Environmental distribution and biological effects of selenium. *Guo Wai Yi Xue (Journal of Foreign Medicine)* 1986; 14:1-5 [in Chinese].
2. **Tong SL, H. Cheng, C.M. Yuang, et al.** Health hazards of different air-lead level. *Journal of Environmental Health* 1986;16:1-4 [in Chinese].
3. **Tong SL.** Cadmium concentration in human kidney. *Guo Wai Yi Xue* 1986; 31:47-9 [in Chinese].
4. **Tong SL.** Biogeochemical environment and human health. *Guo Wai Yi Xue* 1987; 35:97-100 [in Chinese].
5. **Tong SL.** Neurobehavioral effects of lead. *Journal of Environment and Health* 1987; 22:42-45 [in Chinese].
6. G.C. Lu, **Tong SL.** Biological effects of rare earth elements. *Journal of Rare Earth* 1987; 51:42-53 [in Chinese].
7. **Tong SL, G. C. Lu.** Cerium trace study concerning the effect of washing procedures on analysis of hair rare earth elements. *Chinese Journal of Preventive Medicine* 1988; 22:79-81 [in Chinese].
8. **Tong SL.** Health effects and mechanism of rare earth elements. *Archives of Preventive Medicine* 1988; 23:268-272 [in Chinese].
9. **Tong SL.** Assessment of life table of Beijing municipality. *Chinese Journal of Health Statistics* 1989; 16:22-24 [in Chinese].
10. **Tong SL.** Current status and prospect of environmental health. *Journal of Environment and Health* 1989; 32:45-49 [in Chinese].
11. **Tong SL.** The progress of behavioral toxicology. *Journal of Environment and Health* 1989; 34:40-46 [in Chinese].
12. **Tong SL.** Strategies for health promotion in communities. *Health Promotion* 1991;14:26-32 [in Chinese].
13. McMichael AJ, Baghurst PA, **Tong SL**, Woodward A. Maternal smoking and childhood respiratory illnesses: a seven-year cohort study. *International Journal of Environmental Health Research.* 1991; 1: 192-203.
14. Baghurst PA, McMichael AJ, Vimpani GV, Robertson EF, Wigg N, **Tong SL.** The Port Pirie Cohort Study: Life-long exposure to environmental lead and children's intelligence at age seven. *New England Journal of Medicine.* 1992; 327: 1279-84.
15. **Tong SL, McMichael AJ.** Maternal smoking and neuropsychological development in childhood: A review of evidence. *Developmental Medicine and Child Neurology.* 1992; 34:191-7.
16. **Tong SL.** Introduction of a community-based cancer prevention program. *Journal of Health Education* 1992; 26:1-4 [in Chinese].
17. Baghurst PA, **Tong SL, McMichael AJ, et al.** Determinants of blood lead concentrations to age five years in a birth cohort study of children living in the lead smelting city of Port Pirie and surrounding areas. *Archives of Environmental Health.* 1992; 47: 203-10.

18. Baghurst PA, **Tong SL**, Woodward A, McMichael AJ. Effects of maternal smoking upon neuropsychological development in early childhood: Importance of taking account of social and environmental factors. *Paediatric & Perinatal Epidemiology*. 1992; 6: 403-15.
19. McMichael AJ, Baghurst PA, Vimpani GV, Robertson EF, Wigg N, **Tong SL**. Sociodemographic factors modifying the effect of environmental lead upon neuropsychological development in early childhood. *Neurotoxicology and Teratology*. 1992; 14: 321-7.
20. G.Z. Lu, Z.H. Gao, **Tong SL**, et al., Correlation between body burden of rare earth elements and neurobehavioural functioning in children. *Acta of Rare Earth*. 1993; 26: 476-84 [in Chinese].
21. **Tong SL**. Key issues in health education policy-making. *Journal of Health Education* 1993;27:42-6 [in Chinese].
22. G.T. Yu, **Tong SL**, G.Z. Lu. Investigation of air rare earth concentration and sources. *Environmental Sciences*. 1994; 68; 1-2 [in Chinese].
23. A.J. McMichael, P.A. Baghurst, G.V. Vimpani, E.F. Robertson, N.R. Wigg, **Tong SL**. Tooth lead levels and IQ in school age children - The Port Pirie Cohort Study. *American Journal of Epidemiology*. 1994; 140(6): 489-99.
24. Baghurst PA, McMichael AJ, **Tong SL**, et al. Lead exposure and visual-motor integration function at age seven years: The Port Pirie Cohort Study. *Epidemiology*. 1995; 6(2): 104-9.
25. **Tong SL**. Environment and health. *Environmental Health Review* 1996;25:49-54.
26. **Tong SL**. Infant feeding and development (Letter to the Editor). *International Journal of Epidemiology*. 1996; 25:221.
27. **Tong SL**, Baghurst, P.A., McMichael, A.J., et al., Lifetime exposure to environmental lead and children's intelligence at ages 11-13 years. *British Medical Journal* 1996; 312:1569-75.
28. **Tong SL**. Proposed strategy for promoting breastfeeding in community. *Australian Journal of Primary Health – Interchange* 1997;3:105-109.
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123. **Tong SL.** Environmental agents and children's development. *Invited keynote speaker*, The Forum on environment and children's development. Beijing, China, 31 October-1 November 2008.
124. **Tong SL.** Infectious disease in a changing climate. 4th Annual Infectious Disease Conference. *Invited speaker*, Crowne Plaza, Sydney, 23-25 February 2009.
125. Su N, **Tong SL.** Socio-environmental variability and Barmah Forest virus transmission: Research development and future prospects. 3rd International Conference on healthGIS. Hyderabad, India, 24-26 July 2009.
126. **Tong SL.** Imminent climate change-related public health challenges and solutions in Asia. *Invited speaker*, ISEE 2009 Workshop: *Global Health Impacts of Climate Change and Variability: Challenges & Solutions*. International Society for Environmental Epidemiology Conference, Dublin, Ireland, 25 August 2009.
127. **Tong SL**, Wang X, Barnett A. Assessment of health impacts of heatwaves in Brisbane, Australia: How to best define a heatwave? International Society for Environmental Epidemiology Conference, Dublin, Ireland, 25-29 August 2009.
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131. **Tong SL.** Building a socio-ecologic systems paradigm for epidemiologic research: Rise to the challenge on the verge of a new era. Australasian Epidemiological Association Conference, Dunedin, New Zealand, 30 August – 1 September 2009.
132. Hu W, **Tong SL.** El Nino-Southern Oscillation and malaria in Australia. Australasian Epidemiological Association Conference, Dunedin, New Zealand, 30 August – 1 September 2009.
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134. **Tong SL.** Global environmental change and children's health: Challenges and opportunities. *Invited speaker*, 13th Asian Pacific Congress of Paediatrics. Shanghai, 14-18 October 2009.
135. **Tong SL.** Recommendations on China's strategies for scientific and technological development. *Invited speaker*, Symposium of the Ausinan Science & Technology Society and

Western Returned Scholars Association - China in the 21th century: Contribution of overseas scholars to China's scientific and technological development. Sydney, 2-3 November 2009.

136. **Tong SL.** Development of early warning systems for mosquito-borne diseases in Queensland: Translate research into action. **Invited speaker,** Queensland Institutes of Health Conference, Townsville, Australia, 30 November – 1 December 2009.
137. **Tong SL.** Climate change and vector-borne diseases: Impacts and possible solutions. **Invited speaker,** Australian Meteorological & Oceanographic Society conference: Atmosphere, Oceans, Environment and Society. Australian National University, Canberra, Australia, 27-29 January, 2010.
138. Huang C, Wang X, **Tong SL.** Assessment of constraints and barriers to public health adaptation to climate change. International Climate Change Adaptation Conference. Gold Coast, Queensland, Australia, 29 June – 1 July 2010.
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142. **Tong SL.** Ethical issues in gene-environment interaction research. Joint conference of International Society of Exposure Science & International Society for Environmental Epidemiology, Seoul, Korea, 28 August – 1 September 2010.
143. Ye X, Wolff R, Guo Y, **Tong SL.** The effect of hot and cold temperatures on emergency hospital admissions for cardiovascular and respiratory diseases in Brisbane, Australia. Joint conference of International Society of Exposure Science & International Society for Environmental Epidemiology, Seoul, Korea, 28 August – 1 September 2010.
144. **Tong SL.** Assessing the health impact of climate change: Opportunities for international collaboration, **Invited speaker,** The 3rd Australia-China Joint Symposium on Science, Technology and Education, Melbourne, 6-8 October 2010.
145. Naish S, Mengersen K, Hu W, **Tong SL.** Emerging methods in using GIS to analyse Barmah Forest virus disease in Queensland, Australia. Health GIS: Managing health geospatially. New Delhi, India, 5-6 August 2011
146. Hu W, Williams G, **Tong SL.** Weather variability and the incidence of influenza: Bayesian time series analysis. IEA World Congress of Epidemiology, Edinburgh, Scotland, 7-11 August 2011.
147. Turner L, **Tong SL.** Environmental temperature variation and morbidity: A meta-analysis. IEA World Congress of Epidemiology, Edinburgh, Scotland, 7-11 August 2011.
148. **Tong SL.** Impacts of global climate change on children's health. International Forum on Environment and Health, Owen J Wordsworth Room, QUT, 1 September 2011.

149. **Tong SL**, Banu S, Hu W, Hurst C, Guo Y, Zahirul Islam M, Spatiotemporal clustering analysis of dengue incidence in Bangladesh. The 23 International Society for Environmental Epidemiology Conference, Barcelona, Spain, 13-16 September 2011.
150. Hu W, Williams G, Phung H, Birrell F, **Tong SL**, Mengersen K, Clements A. Do socio-ecological factors drive the spatiotemporal pattern of pandemic influenza A (H1N1) in Brisbane, Australia? The 23 International Society for Environmental Epidemiology Conference, Barcelona, Spain, 13-16 September 2011.
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154. **Tong SL**, Wang XY, Barnett A, Shen XM. Heatwaves increase the risk of emergency hospital admissions for renal diseases in children. The 23 International Society for Environmental Epidemiology Conference, Barcelona, Spain, 13-16 September 2011.
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157. Bi Y, Hu W, **Tong SL**. Assessing high risk clusters of malaria mortality along board areas in south China. The 23 International Society for Environmental Epidemiology Conference, Barcelona, Spain, 13-16 September 2011.
158. **Tong SL**. Development of early warning system for infectious diseases. **Invited speaker**, International Symposium of Infectious Disease Surveillance and Early-Warning, Beijing, China, 9-10 November 2011.
159. **Tong SL**. Applications of time series analysis in predicting the transmission of Ross River virus diseases. **Invited speaker**, International Symposium of Infectious Disease Surveillance and Early-Warning, Beijing, China, 9-10 November 2011.
160. Huang C, Barnett A, Wang X, **Tong SL**. The impact of temperature on years of life lost. 19th International Congress of biometeorology, Auckland, New Zealand, 4-8 December 2011.
161. **Tong SL**. Predicting the dynamic patterns of climate-sensitive diseases using advanced statistical models. **Invited speaker**, International Workshop on Shanghai Health-Meteorology Forecasting and Service, Shanghai, 28-30 March 2012.
162. **Tong SL**. Assessing the health impact of Brisbane 2011 floods. Climate Adaptation Conference, Melbourne, Australia, 26-28 June, 2012.

163. **Tong SL.** Projecting the impact of climate change on the transmission of Ross River virus disease: Methodological challenges and possible solutions. Climate Adaptation Conference, Melbourne, Australia, 26-28 June, 2012.
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174. Bi Y, Yu W, Lu L, Hu W, Guo Y, Yang J, Luo Y, Li H, Li Y, **Tong SL.** The lagged effects of temperature on malaria in the high risk area of Yunnan, China. 11th Arbovirus Research in Australia Symposium & 10th Mosquito Control Association of Australia Conference. Surfers Paradise, Queensland, Australia, 9-14 September 2012.
175. Huang C, Barnett A, Xu Z, Wang X, Chu C, Turner L, **Tong SL.** Managing the health effects of temperature in response to climate change: challenges ahead. Environmental Health 2013: Science to protect future generations. Boston, USA, 3-6 March, 2013.

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187. **Tong SL**. Extreme temperatures and paediatric emergency department admissions. World Congress of Epidemiology - Global Epidemiology in a Changing Environment: The Circumpolar Perspective. Anchorage, Alaska, USA, 17-21 August 2014.
188. Qiao Z, Yu W, Guo Y, **Tong S**. Evaluation of heat-related deaths: Impact of the short- and long-term mortality displacement. ISEE 26th Annual Conference, Seattle, USA, 24-28 August 2014.

189. Wang XY, Chen D, Wang XM, **Tong S**. Assessing the impact of heatwaves on mortality: Comparison of different study periods. ISEE 26th Annual Conference, Seattle, USA, 24-28 August 2014.
190. Gabriel Milinovich, **Shilu Tong**, Wenbiao Hu. Digital surveillance systems for infectious diseases. 10th Australian Influenza Symposium, Melbourne, 12-13 November 2014.
191. **Tong SL**. Identifying and quantifying the health consequences of climate change. *Invited Plenary Speech*, 4th Asia Chapter Conference of the International Society for Environmental Epidemiology, Shanghai, China, Nov. 29 – 2 Dec. 2014
192. **Tong SL**, Hu W, Toloo S, Wang X, Guo Y, Huang R, Naish S, Banu S, Xu Z, Madaniyazi. Evaluation of health risks of heat and heatwaves in Brisbane, Australia. ISEE 27th Annual Conference, Sao Paulo, Brazil, 30 August – 3 September 2015.
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195. Banu S, Guo Y, Hu W, Dale P, Mackenzie J, Mengersen K, **Tong SL**. Impacts of El Nino Southern Oscillation and Indian ocean dipole on dengue incidence in Bangladesh. ISEE 27th Annual Conference, Sao Paulo, Brazil, 30 August – 3 September 2015.
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199. Dang Thi Anh Thu, **Tong SL**, Dunne M, Dung N. Climate change and public health in Asia: Challenges and solutions. 7th International Conference on Public Health among the Greater Mekong Sub-Regional Countries, Hue City, Vietnam, 26-27 September, 2015.
200. **Tong SL**. Climate change challenges to health: Risks and responses. *Invited Plenary Speech*, 7th International Conference on Public Health among the Greater Mekong Sub-Regional Countries, Hue City, Vietnam, 26-27 September, 2015
201. Yuming Guo, Antonio Gasparrini, Ben Armstrong, Shanshan Li, Benjawan Tawatsupa, Aurelio Tobias, Eric Lavigne, Micheline de Sousa Zanotti Stagliorio Coelho, Michela Leone, Xiaochuan Pan, Linwei Tian, Ho Kim, Masahiro Hashizume, Yasushi Honda, Yue-Liang Leon Guo, Chang-Fu Wu, Kornwipa Punnasiri, Seung-Muk Yi, Paola Michelozzi, Paulo Hilario Nascimento

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202. Antonio Gasparrini, Yuming Guo, Francesco Sera, Swarna Khare, Clare Heaviside, Aurelio Tobias, Masahiro Hashizume, Eric Lavigne, Antonella Zanobetti, Joel Schewatz, Daniel Astrom, Bertil Forsberg, Paola Michaelozzi, Metteo Scortichini, Xerxes Seposo, Yue-Liang Leon Guo, Chang-fu Wu, Haidong Kan, Tran Ngoc Dang, Do Van Dung, Micheline de Sousa Coelho, Paulo Hilario Nascimento Saldiva, **Shilu Tong**, Honda Y, Kim H, Hajat S, Armstrong B. Projections of temperature-attributable mortality under climate change scenarios: An analysis of 395 locations in 15 countries. ISEE 28th Annual Conference, Rome, Italy, 1-4 September 2016.

203. Lina Madaniyazi, Tatsuya Nagashima, Yuming Guo, Weiwei Yu, **Shilu Tong**. Projecting fine particulate matter-related mortality in east China. ISEE 28th Annual Conference, Rome, Italy, 1-4 September 2016.

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206. **Tong S**. Combining child health care and public health from global and personal perspectives. *Invited speech*. The 21st Congress of Chinese Pediatric Society, Zhuhai, Guangdong Province, 21/10/2016

207. **SL. Tong**. Climate change, social capital and population health. *Invited speech*. International Academic Forum on Social Capital and Health, Hefei, Anhui Province, 22/10/2016

208 **SL. Tong**. Spatiotemporal modelling: an emerging tool in public health research. *Invited plenary speech*. Workshop on Spatiotemporal Modelling, Hefei, Anhui Province, 28-30/6/2017

209 **SL. Tong**. Applications of spatiotemporal modelling in environmental health research. *Invited plenary speech*. Workshop on Spatiotemporal Modelling, Hefei, Anhui Province, 28-30/6/2017

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- 218 **SL. Tong**. Mitigating and managing health risks of climate change: from local to global. *Invited speech*. Asian-Pacific Environment and Health Symposium. Yinchuan, Ningxia, China, 10-12 October 2017.
- 219 **SL. Tong**. Early life environmental exposures and children's health. *Invited speech*. 2017 Conference on Child Health Care, Shen-Zhen, China, 2-5 November 2017.
- 220 **SL. Tong**. Tackling climate change challenges to population health. *Invited speech*. 2017 Conference on Environment and Public Health, Guangzhou, China, 10-13 November 2017.
221. **SL. Tong**. Innovative thinking in pediatric environmental health. *Invited speech*. Annual Conference on Child Health Care, Hohhot, China, 17-20 September 2018.
- 222 **SL. Tong**. Research progress in climate change and health. *Invited speech*. Annual Conference on Environmental Health, Wuxi, China, 11-13 October 2018.
- 223 **SL. Tong**. Impact of climate change on infectious diseases: Challenges and solutions. *Invited speech*. Seventh International Forum on Sustainable Vector Management, Ningbo, China, 22-24 October 2018.
- 224 **SL. Tong**. Climate change and human health: Past, present and future. *Invited speech*. 1st International Conference on Environmental Sciences and Technology, Beijing, China, 15-17 November 2018.
- 225 **SL. Tong**. Quantifying health risks of climate change: Advances and challenges. *Invited speech*. 2nd International Forum on Climate Change and Health Response, Guangzhou, China, 2-4 December 2018.
- 226 **SL. Tong**. Environment and early childhood development. *Invited speech*. 8th Forum on the National Quality (第八次国民素质大会), Qingdao, China, 26-28 April 2019.
- 227 **SL. Tong**. Climate Change and Population Health in a Changing Climate: from Science to Policy. *Invited speech*. Ecosystem Change and Population Health Symposium, QUT, Brisbane, 3-4/6, 2019
- 228 **SL. Tong**. Co-benefit analysis of climate change mitigation in the Asia-Pacific region. The 31th Annual International Society for Environmental Epidemiology Conference. Utrecht, Netherlands, 25-28 August 2019.
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163. **Tong S**, Wang X, Guo Y, Madaniyazi L. Global burden of mortality attributable to temperature. ISEE 28th Annual Conference, Rome, Italy, Conference Program, p92, 2016.
164. Xu Z, FitzGerald G, Guo Y, Jalaludin B, **Tong S**. Health impacts of heatwave under different heatwave definitions: a systematic review and meta-analysis. ISEE 28th Annual Conference, Rome, Italy, Conference Program, p92, 2016.
165. **SL. Tong**. Climate change, social capital and population health. *Invited speech*. International Academic Forum on Social Capital and Health, Hefei, Anhui Province, Conference Program, p3, 2016.
166. **SL. Tong**. Combining child health care and public health from global and personal perspectives. *Invited speech*. The 21st Congress of Chinese Pediatric Society, Zhuhai, Guangdong Province, Conference Program, p36, 2016
- 167. SL. Tong**. Spatiotemporal modelling: an emerging tool in public health research. *Invited plenary speech*. Workshop on Spatiotemporal Modelling, Hefei, Anhui Province, Program, pp1-7, 2017

168. **SL. Tong.** Applications of spatiotemporal modelling in environmental health research. *Invited plenary speech.* Workshop on Spatiotemporal Modelling, Hefei, Anhui Province, Program, pp8-16, 2017
169. **SL. Tong.** Children's sleep epidemiology: Current state and prospects. *Invited speech.* The 8th Annual Conference of Chinese Professional Sleep Society, Wuhan, Hubei Province, Conference Program, p14, 2017
170. Zhiwei Xu, Gerry FitzGerald, Yuming Guo, Bin Jalaludin, **SL. Tong.** Assessment of heatwave impacts on cause-specific emergency department attendances in Queensland, Australia. ISEE 29th Annual Conference, Sydney, Australia, Conference Program, p135, 2017.
171. Zhiwei Xu, Gerry FitzGerald, Yuming Guo, Bin Jalaludin, **SL. Tong.** Effects of heatwaves on emergency department attendances in Mount Isa, Australia. ISEE 29th Annual Conference, Sydney, Australia, Conference Program, p137, 2017.
172. Yanfeng Lin, Wenjing Hu, Jian Xu, Zhongcheng Luo, Chonghuai Yan, **SL. Tong.** Can Temperature Affect Maternal Stress During Pregnancy? ISEE 29th Annual Conference, Sydney, Australia, Conference Program, p138, 2017.
173. Zhiwei Xu, James Crooks, Debarah Black, Wenbiao Hu, **SL. Tong.** Heatwave and infants' hospital admissions under different heatwave definitions. ISEE 29th Annual Conference, Sydney, Australia, Conference Program, p253, 2017.
174. **SL. Tong.** Ecosystem change: a threat to population health. ISEE 29th Annual Conference, Sydney, Australia, Conference Program, p367, 2017.
175. **SL. Tong.** Grand challenges in the climate and health research. ISEE 29th Annual Conference, Sydney, Australia, Conference Program, p399, 2017.
176. **SL. Tong.** Mitigating and managing health risks of climate change: from local to global. Asian-Pacific Environment and Health Symposium. Yinchuan, Ningxia, China, Conference Program, pp7-8, 2017.
177. **SL. Tong.** Early life environmental exposures and children's health. *Invited speech.* 2017 Conference on Child Health Care, Shen-Zhen, China, Conference Program, p188, 2017.
178. **SL. Tong.** Tackling climate change challenges to population health. *Invited speech.* 2017 Conference on Environment and Public Health, Guangzhou, China, Conference Program, p1, 2017.
179. **SL. Tong.** Innovative thinking in pediatric environmental health. *Invited speech.* Annual Conference on Child Health Care, Hohhot, China, Conference Program, p7, 2018.
180. **SL. Tong.** Environment and early childhood development. *Invited speech.* 8th Forum on the National Quality, Qingdao, China, Conference Program, p64-69, 2019.
181. **SL. Tong.** Co-benefit analysis of climate change mitigation in the Asia-Pacific region. The 31th Annual International Society for Environmental Epidemiology Conference. Utrecht, Netherlands, Conference Program, USB, 2019.
182. **SL. Tong.** Applications of spatiotemporal modelling in epidemiological research: Successes and Challenges. The 31th Annual International Society for Environmental Epidemiology Conference. Utrecht, Netherlands, Conference Program, USB, 2019.
183. **SL. Tong.** Relative impacts of meteorological factors and air pollutants on childhood allergic diseases in Shanghai, China. The 31th Annual International Society for Environmental Epidemiology Conference. Utrecht, Netherlands, Conference Program, USB, 2019.

Technical reports

Tong SL, Hugh K, Oldenburg B, Del Mar C. Report on community knowledge, attitudes and behavior towards population-based colorectal cancer screening. Centre for Public Health Research, QUT, 2002 (48 pages).

Tong SL, Hu WB. Report on climate variability and the transmission of Ross River virus infection in Queensland. Centre for Health Research, QUT, 2003 (51 pages).

Pidgeon E, Chen L, **Tong SL**. A literature review of potential health hazards in the waterways of Brisbane. Centre for Health Research, QUT, 2005 (242 pages).

McMichael AJ, Capon T, Good M, Giles-Corti B, Bambrick H, Beggs P, Falconer I, **Tong SL**, Nicholls N, Currie B, Burgess P, Kelly B. Healthy planet, places and people. Canberra: Research Australia, 2007 (29 pages).

McMichael AJ, Weaver H, Berry H, Beggs P, Currie B, Higgins J, Kelly B, McDonald J, Saverimuttu T, **Tong SL**. Climate Change and Human Health: National Adaptation Research Plan. Canberra: Australian Department of Climate Change, 2008 (59 pages).

Tong SL, Mather P, FitzGerald G, et al. A framework for assessing the vulnerability of eco-environmental health to climate change – A final report, 2011 (86 pages).

Public lectures and seminars:

S.L. Tong. Seminar: Long-term effect of exposure to environmental lead: Extension of the Port Pirie cohort study. Department of Community Medicine, University of Adelaide, 20 October 1992.

S.L. Tong. Seminar: Cognitive effects of exposure to environmental lead. CSIRO Division of Human Nutrition, Adelaide, 8 April 1994.

S.L. Tong. Invited public lecture: Lead exposure and child development. St. George's Hospital Medical School, UK, 3 September 1995.

S.L. Tong. Seminar: Reflection on environmental epidemiology. School of Health, University of New England, Armidale, 10 September 1995.

S.L. Tong. Invited public lecture: Climate change and population health. School of Public Health, Anhui Medical University, Hefei, China, 10 January 1996.

S.L. Tong. Invited public lecture: Comparison of health education and promotion between China and Australia. National Health Education Institute, Beijing, China, 15 January 1996.

S.L. Tong. Seminar: Breastfeeding and cognitive development. School of Health, University of New England, Armidale, 12 November 1996.

S.L. Tong. Invited public lecture: Major issues in the environmental health policy-making process. Queensland Health, Brisbane, 24 September 1997.

S.L. Tong. Invited public lecture: Environmental lead and child development: strengths and limitations of epidemiological research. Queensland Health, Brisbane, 22 October 1997.

S.L. Tong. Seminar: Epidemiology: basic science for public health. School of Public Health, Queensland University of Technology, Brisbane, 17 March 1998.

S.L. Tong. Seminar for postgraduate research students: Epidemiological issues: selection bias, confounding and sample-size estimation. School of Public Health, Queensland University of Technology, Brisbane, 26 May 1998.

S.L. Tong. Seminar: The potential health impact of climate change. Department of Social and Preventive Medicine, Medical School, University of Queensland, Brisbane, 20 June 1998.

S.L. Tong. Feasibility of colorectal cancer screening. Australian Cancer Network/National Cancer Control Initiative Workshop, Sydney Sheraton, 1 June 1999.

S.L. Tong. Climate variability and transmission of Ross River virus in Queensland. School of Public Health, Queensland University of Technology, Brisbane, 27 July 1999.

S.L. Tong. Public health assessments of low-level lead exposure. School of Public Health, Queensland University of Technology, Brisbane, 10 August 1999.

S.L. Tong. *Invited public lecture:* Climate change and public health. School of Public Health, Beijing Medical University, Beijing, 14 September 1999.

S.L. Tong. *Invited public lecture:* The potential impact of climate change on population health. School of Public Health, Shanghai Medical University, Shanghai, 16 September 1999.

S.L. Tong. *Invited public lecture:* Global environmental change and human health. School of Public Health, Suzhou Medical College, Suzhou, 17 September 1999.

S.L. Tong. Lead exposure and child development: Scientific and statistical challenge. School of Mathematical Sciences, Queensland University of Technology, Brisbane, 21 October 1999.

S.L. Tong, Newman B, Dunne M, Oldenburg B. Public health challenges in the 21 century. School of Public Health, Queensland University of Technology, Brisbane, 26 October 1999.

S.L. Tong. Colorectal cancer screening: A feasibility study. Queensland Health, Brisbane, 22 November 1999.

S.L. Tong. Confounding, bias and interaction. Journal Club, School of Public Health, Queensland University of Technology, Brisbane, 13 April 2001.

S.L. Tong, Clifton K, Newman B. How to write a grant proposal. School of Public Health, Queensland University of Technology, Brisbane, 9 May 2000

S.L. Tong. Type III error in epidemiological research. Centre for Public Health Research, Queensland University of Technology, Brisbane, 25 July 2000

S.L. Tong, Clifton K, Newman B. Colorectal cancer screening: community acceptance, determinants and intervention. School of Public Health, Queensland University of Technology, Brisbane, 12 September 2000

S.L. Tong. Epidemiological design. *Invited lecture (for PUB314)*, School of Public Health, Queensland University of Technology, Brisbane, September 2000

S.L. Tong. Climate change and human health - A case study: climate variability and Ross River virus transmission. Advisory Board Meeting, Centre for Public Health Research, Queensland University of Technology, November 20, 2000

S.L. Tong. *Invited keynote address*: Economic development and environmental conservation. Nantong First Science & Tech Conference of Overseas Chinese Scholars, Nantong, Jiangsu, PR China, 22-24/12, 2000.

S.L. Tong. *Invited keynote address*: Economic development must incorporate the "ESD" concept. Sichuan Science & Tech Conference of Overseas Chinese Scholars, Chengdu, Sichuan, PR China, 25-28/12, 2000.

S.L. Tong. Cellular-telephone use and brain tumors. Journal Club, School of Public Health, Queensland University of Technology, Brisbane, 24 April 2001.

S.L. Tong, McKenzie K. Do changing classifications affect long-term mortality trends. National Centre for Classification in Health, Queensland University of Technology, Brisbane, 15 May 2001.

S.L. Tong. Global warming and public health. *Invited lecture* (for PUN106), School of Public Health, Queensland University of Technology, Brisbane, 21 May 2001.

S.L. Tong, Kirsten McKenzie. Impact of changing classifications on long-term mortality trends. Australian Bureau of Statistics, Brisbane, 29 May 2001.

S.L. Tong. Global change and population health. *Invited seminar*, Queensland Department of Primary Industry, Brisbane, 10 August 2001.

S.L. Tong. Climate change and infectious diseases. School of Public Health, Queensland University of Technology, Brisbane, 28 August 2001.

S.L. Tong. *Invited public lecture*: Potential public health impact of climate change. School of Public Health, Anhui Medical University, Hefei, PRC, 6 December 2001.

S.L. Tong. *Invited public lecture*: The past, present and future of epidemiology. Hefei Anti-Epidemic Station, Hefei, PRC, 10 December 2001.

S.L. Tong & Zhengang Wang. *Invited lecture*: Short course on modern environmental epidemiology. Department of Environmental and Occupational Health, Peking University, Beijing, PRC, 16-18 December 2001.

S.L. Tong. *Invited public lecture*: Possible collaborations between QUT and Shanghai Tongji. School of Basic Medicine, Tongji University, Shanghai, PRC, 26 December 2001

S.L. Tong. How can I benefit most from the Public Health Research Methods Journal Club. School of Public Health, Queensland University of Technology, Brisbane, 26 March 2002.

S.L. Tong. From Susser's causal paradigms to social justice in Australia? Journal Club. School of Public Health, Queensland University of Technology, Brisbane, 10 April 2002.

S.L. Tong. Climate change and public health. *Invited lecture* (for PUB403), School of Public Health, Queensland University of Technology, Brisbane, 20 May 2002.

S.L. Tong, Wenbiao Hu. Assessment of risk factors for haemorrhagic fever with renal syndromes. School of Public Health, Queensland University of Technology, Brisbane, 6 August 2002.

S.L. Tong. Environmental health and sustainable development. *Invited public lecture*, School of Public Health, Anhui Medical University, Hefei, China, 28 October 2002.

SL Tong. Rapporteur: Health regulation, public health programs and hospital systems (Parallel Session 2). The 6th Asia-Pacific Social Science and Medicine Conference, Kunming, China, 15 October, 2002.

SL Tong. Facilitator: Gender and infectious diseases (Parallel Session 5). The 6th Asia-Pacific Social Science and Medicine Conference, Kunming, China, 16 October, 2002.

S.L. Tong. Do changes in disease classifications affect mortality trends? Eighth International Health Summer School, Queensland University of Technology, Brisbane, 20 November 2002.

SL. Tong. Public health challenges in the changing world. *Invited seminar*, School of Medicine, Australian National University, Canberra, 27 November 2002.

SL. Tong. Development of environmental health indicators of traffic related air pollution. *Invited seminar*, National Centre for Epidemiology and Population Health, Australian National University, Canberra, 28 November 2002.

SL. Tong. Impact of environmental variability on the transmission of Ross River virus. *Invited seminar*, National Centre for Epidemiology and Population Health, Australian National University, Canberra, 6 May 2003.

S.L. Tong. Global environmental health issues. *Invited lecture (for PUB107)*, School of Public Health, Queensland University of Technology, Brisbane, 28 May 2003

S.L. Tong. Contemporary public health challenges. *Invited seminar*, Queensland Centre for Public Health, Brisbane, 20 November 2003

S.L. Tong. Environment and health: research development from local to global. *Invited seminar*, School of Population Health, University of Queensland, Brisbane, 25 November 2003

S.L. Tong. Global environmental health issues. *Invited lecture (for PUB107)*, School of Public Health, Queensland University of Technology, Brisbane, 20 May 2004

SL. Tong (with Lyn Denison, Adrian Barnett). *Invited seminar*, Air pollution and public health in Australian cities. Queensland Environmental Protection Agency, 28 September 2004

SL Tong, W Hu. Applications of GIS and spatial modelling in the surveillance of Ross River virus disease. Brisbane City Council, 28 January 2005.

SL Tong. Health, environment and sustainability – Recent development and methodological challenges. School of Public Health, Queensland University of Technology, Brisbane, 23 June 2005.

XC. Pan and SL Tong. The health benefit evaluation for the energy use scenarios in Beijing, China. School of Public Health, Queensland University of Technology, Brisbane, 12 August 2005.

SL. Tong. Environmental lead and child health. *Invited speech*, National conference on treatment and prevention of lead poisoning in children, Shanghai, 25-26 September, 2005.

SL. Tong. Environmental health and sustainable development. *Invited speech*, International symposium on sustainable development, Beijing, 27-28 September, 2005.

SL. Tong. Public health challenges and sustainable future. *Invited speech*, Jiao-Tong University, Shanghai, 15 December, 2005.

SL. Tong. Application of epidemiological methods in paediatric research. *Invited speech*, Jiao-Tong University, Shanghai, 28 December, 2005.

SL. Tong & M. Kimlin. Environmental health at QUT. IHBI Retreat, Carseldine, 6 February, 2006.

SL. Tong. Living with climate change: A preliminary public health impact assessment. National Centre for Epidemiology and Population Health, Australian National University. 10 August 2006.

SL. Tong. How to identify a research topic and to apply for research grants. *Invited speech*, Jiao-Tong University, Shanghai, 8 October, 2006.

SL. Tong. Epidemiological research design: methodological issues. *Invited speech*, Jiao-Tong University, Shanghai, 10 October, 2006.

SL. Tong. Ecosystem change and population health. *Invited speech*, Wenzhou Medical College Wenzhou, 16 October, 2006.

SL. Tong. International Health Development – Case Studies from China. *Invited lecture (for PUB565)*, School of Public Health, Queensland University of Technology, Brisbane, 30 April 2007.

SL. Tong. Global Environmental Change and Public Health. *Invited lecture (for PUB565)*, School of Public Health, Queensland University of Technology, Brisbane, 30 April 2007.

SL. Tong. Global Climate Change and Population Health. *Invited lecture (for PUB332)*, School of Public Health, Queensland University of Technology, Brisbane, 28 May 2007.

SL. Tong. Assessing the health impact of climate change: Conceptual and methodological challenges. *Invited seminar*, School of Economics and Applied Statistics, Australian National University, Canberra, 18 August 2007.

SL. Tong. Global Climate Change and Population Health. *Invited lecture (for Shanghai delegation)*, School of Public Health, Queensland University of Technology, Brisbane, 22 August 2007.

SL. Tong. Climate change and population health: Preparing for surprises, School of Population Health, University of Queensland, Brisbane, 18 September 2007.

SL. Tong. Ecosystem change and population health: Areas of potential collaboration. QUT-IHBI, 19 September 2007.

SL. Tong. Assessment of the public health impact of climate change. *Invited public lecture*, Health Centre, Peking University, Beijing, 28 September 2007.

SL. Tong. Climate change and population health: Conceptual and methodological challenges, Queensland Institute of Medical Research, 20 November 2007.

SL. Tong. An update on ecosystem change and population health program. IHBI-School of Public Health Research Retreat, QUT, 22 November 2007.

S.L. Tong. Invited public lecture: Global environmental change and human health. School of Life Sciences, University of Science and Technology of China, Hefei, PRC, 20 December 2007.

S.L. Tong. *Invited public lecture:* Health impact of global environmental change. School of Public Health, Anhui Medical University, Hefei, PRC, 22 December 2007.

SL. Tong. NSFC Grant Application Panel Assessments *Invited speech*, Jiao-Tong University, Shanghai, 22 October 2008.

SL Tong. Ecosystem change and population health: From local to global. *Invited speech*, School of Public Health, PHRIN Retreat. Indooroopilly, 28 November 2008

SL Tong. Climate Change and its Potential Health Consequences: Implications for Queensland. *Invited Grant Rounds speech*, Prince Charles Hospital, 4 December 2008.

SL Tong. Environment and Health: Research focus, future directions and possible collaborations. *Invited Speech for the Shanghai delegation*, QUT-IHBI, 25 June 2009.

SL. Tong. Assessing the health impact of climate change: Conceptual and methodological challenges. *Invited speech*, China Centre for Disease Control and Prevention, 16 July 2009.

SL. Tong. Environmental health research: from local to global. *Invited speech*, School of Public Health, Peking University, 17 July 2009.

S.L. Tong. *Invited public lecture:* Ecological environment and children's health. School of Public Health, Baotou Medical University, Baotou, PRC, 15 October 2009.

S.L. Tong. *Invited public lecture:* Health risks of climate change: the greatest public health challenge in the 21st century. School of Public Health, Hua-Zhong University of Science and Technology Medical Centre, Wuhan, PRC, 30 October 2009.

S.L. Tong. *Invited public lecture:* Environmental epidemiological research: From local to global. Anhui Medical University, Hefei, PRC, 2 November 2009.

SL. Tong. Climate and Ross River virus. *Invited speech*, National Workshop on vector-borne disease and climate, Brisbane, 12 November 2009.

SL. Tong. Ethical issues in public health research. *Invited speech*, PHRIN, SPH/IHBI, QUT, 7 April 2010.

SL. Tong. Health and global climate change: risks and responses. *Invited speech*, UK-China climate change collaborative program, Beijing, 13 January 2010

SL. Tong. Climate Change – the greatest global health challenge in the 21st century. *Invited speech*, Fudan University, Shanghai, 21 June 2010

SL. Tong. Low carbon economy and urban development. *Invited speech*, Dalian University of Science and Technology, Dalian, PRC, 28 June 2010

SL. Tong. Public health ethics. *Invited speech*, Anhui Medical University, Hefei, PRC, 5 July 2010

SL. Tong. Climate Change – the formidable public health challenge in the 21st century. *Invited speech*, Anhui Medical University, Hefei, PRC, 5 July 2010

SL. Tong. Assessing the health effects of climate change. *Invited speech*, Anhui Medical University, Hefei, PRC, 9 December 2010

SL. Tong. Quantifying the health effects of climate change: Research development and future needs. *Invited speech*, School of Public Health, Fudan University, Shanghai, 17 December 2010

SL. Tong. Climate change and human health: Challenges and opportunities. *Invited speech*, Department of Environmental Science and Engineering, Fudan University, Shanghai, 23 December 2010

SL. Tong. Population Health and Climate Change. Ecosystem Change Program, School of Public Health, QUT, 4 January 2011

SL. Tong. Climate change and vector-borne diseases: Can we rise to the challenge? *Invited seminar*, School of Population Health, University of Queensland, 6 April 2011

SL. Tong. Public health consequences of extreme weather events. *Invited speech*, Shanghai Health Forecasting Service Advisory Committee Workshop, Shanghai, 11-16 April 2011

SL. Tong. Climate change and children's health: what has been done? *Invited speech*, Shanghai Key Laboratory of Children's Environmental Health, Xinhua Hospital, Shanghai, 23 April 2011

SL. Tong. Projecting the impact of future climate change on the transmission of Ross River virus disease. *Invited speech*, NHMRC ARGP Principal Investigators Meeting, Canberra, 13 May 2011

SL. Tong. Impacts of climate change on population health: the greatest challenge for global health in the 21st century. *Invited speech*, CSIRO ICT Centre, Brisbane, 10 June 2011

SL. Tong. Applications of advanced study designs in environmental health research. *Invited speech*, Anhui Medical University, Hefei, PRC, 14 June 2011

SL. Tong. Public health impacts of global environmental changes. *Invited speech*, Anhui Medical University, Hefei, PRC, 15 June 2011

SL. Tong. How to get papers published in high impact journals? *Invited speech*, Anhui Medical University, Hefei, PRC, 16 June 2011

SL. Tong. Global environmental changes and population health. *Invited speech*, Shanxi Medical University, Taiyuan, PRC, 23 June 2011

SL. Tong. Advanced study designs for environmental health research, Ecosystem Change and Population Health Program, QUT, 14 October 2011

SL. Tong. Global climate change and human health: A challenge for interdisciplinary research. *Invited speech*, Shanghai Ocean University, Shanghai, 1 November 2011

SL. Tong. Population health in a changing climate: Risks and responses. *Invited speech*, School of Public Health, Fudan University, Shanghai, 3 November 2011

SL. Tong. Climate variability and Ross River virus transmission. *Invited speech*, Beijing Institute of Disease Control and Prevention, Academy of Military Medical Science, Beijing, 14 November 2011

SL. Tong. Applications of time series analysis in epidemiological research. *Invited speech*, School of Public Health, Peking University, Beijing, 15 November 2011

SL. Tong. Applications of time series analysis in environmental health research. *Invited speech*, School of Public Health, Anhui Medical University, Hefei, 17 November 2011

- SL. Tong.** Emerging public health challenges and opportunities for international collaboration. *Invited speech*, Shanghai CDC, PRC, 30 March 2012
- SL. Tong.** Global environmental changes and population health. *Invited speech*, School of Public Health, Anhui Medical University, Hefei, 6 April 2012
- SL. Tong.** Quantitative risk assessment of global climate change: From communicable to non-communicable diseases. *Invited speech*, Shanghai Ocean University, Shanghai, 13 April 2012
- SL. Tong.** Assessment of the health impact of global climate change. *Invited speech*, School of Public Health, 3rd Military Medical University, Chongqing, 21 September 2012
- SL. Tong.** Publish or Perish: How to publish in high impact journals? *Invited speech*, Presentation at the Workshop on Publish or Perish: Track record is the key to research success. Xinhua Hospital, Shanghai, 28 September 2012
- SL. Tong.** How to improve research performance? *Invited speech*, School of Public Health, Anhui Medical University, Hefei, 4 October 2012
- SL. Tong.** The STROBE criteria and a paper. *Invited speech*, Shanghai Key Laboratory of Children's Environmental Health, Xinhua Hospital, Shanghai, 9 October 2012
- SL. Tong.** From an idea to a publication. *Invited speech*, Shanghai Key Laboratory of Children's Environmental Health, Xinhua Hospital, Shanghai, 12 October 2012
- SL. Tong.** Epidemiological thinking – using RRV research as an example. Ecosystem Change and Population Health Program, SPHSW/IHBI, QUT, 18/2/2013
- SL. Tong.** Climate change: the biggest global health challenge in the 21st century. *Invited speech*, China CDC, Beijing, 10/4/13
- SL. Tong.** Climate change and vector-borne diseases - Research development and future needs. *Invited speech*, Division of Vector Control, China CDC, Beijing, 12/4/13
- SL. Tong.** Environmental Lead Exposure and Childhood Development - The Port Pirie Cohort Study. *Invited speech*, Shanghai Key Laboratory of Children's Environmental Health, Xinhua Hospital, Shanghai, 16/4/13
- SL. Tong.** Advanced epidemiological designs in children's environmental health research. *Invited speech*, Shanghai Key Laboratory of Children's Environmental Health, Xinhua Hospital, Shanghai, 17/4/13
- SL. Tong.** Global environmental changes and emerging threats to population health. *Invited speech*, Shanghai Key Laboratory of Children's Environmental Health, Xinhua Hospital, Shanghai, 18/4/13
- SL. Tong.** Climate change and infectious disease - Challenges and opportunities. *Invited speech*, China CDC, Beijing, 11/9/13
- SL. Tong.** Assessment of climate change impact on mortality. *Invited speech*, Institute of Environmental Health and Related Product Safety, Chinese Center for Disease Control and Prevention, Beijing, 12/9/13
- SL. Tong.** Epidemiological study design and interpretation. *Invited speech*, Shanghai Key Laboratory of Children's Environmental Health, Xinhua Hospital, Shanghai, 18/9/13

SL. Tong. Quantifying the impact of temperature extremes on mortality. *Invited speech*, School of Public Health, Fudan University, Shanghai, 25/9/13

SL. Tong. Global climate change and infectious disease: Current state and future challenges.. *Invited keynote speech*, Shanghai Society of Microbiology conference, Shanghai Ocean University, 26/9/13

SL. Tong. Why does climate change matter? *Invited speech* to final year students (Bachelor of Health Studies (HL55)). 23/10/13

SL. Tong. Quantifying the burden of disease attributable to climate change. *Invited speech* China-Australia Advanced Epidemiology Training Workshop, Beijing. 25/2/14

SL. Tong. Assessing the climate change-related disease burden. *Invited speech* Peking University School of Public Health, Beijing. 26/2/14

SL. Tong. Methodological challenges in in quantifying the burden of disease attributable to climate change. *Invited speech*, School of Public Health, Anhui Medical University, Hefei. 5/3/14

SL. Tong. The impact of climate change on population health. *Invited Plenary Speech*. Burnett Mary Climate Summit. Maryborough, 3/6/14

SL. Tong. Climate change challenge: Identifying, forecasting and reducing impacts on population health. *Invited speech*. Queensland Department of Environment and Heritage Protection, Brisbane, 5/6/14

SL. Tong. The effects of maternal exposure to temperature extremes on birth outcomes. *Invited speech*. MOE/Shanghai Key Laboratory on Children's Environmental Health, Xinhua Hospital, Shanghai, 15/9/14

SL. Tong. Climate Change – the greatest global health threat of the 21st century. *Invited speech*. Shanghai Bureau of Meteorology, Shanghai, 18/9/14

SL. Tong. Climate Change and human health: Current state and future challenges. *Invited speech*, Anhui Medical University, Hefei. 10/11/14

SL. Tong. Assessing health consequences of climate Change: Progress and research needs. *Invited speech*. Shanghai Centre for Disease Control and Prevention, Shanghai, 25/11/14.

SL. Tong. Quantifying health risks of climate Change: Challenges ahead. *Invited speech*. Shanghai Ocean University, Shanghai, 26/11/14.

SL. Tong. Assessing the health consequences of climate change: Progress and challenges. *Invited speech*. Xian Jiao-Tong University, Xian, 24/4/15

SL. Tong. Climate change and human health: Risks, vulnerability and responses. *Invited speech*. Fourth Medical University, Xian, 27/4/15

SL. Tong. Sustaining population health in a changing world. *Invited speech*. University of Western Australia, Perth, 17/6/15

SL. Tong. Climate change and children's health: challenges and opportunities. *Invited speech*. Shanghai Children's Medical Centre, Shanghai, 15/9/15

SL. Tong. Can we sustain population health in the 21st century? *Invited speech*. Duke Kunshan University, Kunshan, 18/9/15

SL. Tong. Health impacts of climate change. *Invited speech.* The Royal Geographical Society of Queensland. Brisbane, 3/11/15.

SL. Tong. Quantifying health risks of climate change: Challenges and opportunities. *Invited speech.* Centre for Disease Control and Prevention of China, Beijing, 16/11/15.

SL. Tong. Assessing the impacts of climate change on infectious diseases. *Invited speech.* Centre for Disease Control and Prevention of China, Beijing, 17/11/15.

SL. Tong. Climate change and public health: Impacts and responses. *Invited speech.* Capital Medical University, Beijing, 18/11/15.

SL. Tong. Assessing health risks of climate change: from local to global. *Invited speech.* International Centre for Diarrhoea Disease Research, Dhaka, Bangladesh, 25/11/15.

SL. Tong. Climate change and population health: Research progress and future needs. *Invited speech,* Anhui Medical University, Hefei. 25/3/16

SL. Tong. Climate change challenges to health: Impacts, vulnerability and responses. *Invited speech.* Hong Kong University, Hong Kong, 8/4/16.

SL. Tong. Examining the health risks of global environmental changes. *Invited speech,* Nanjing Medical University, Nanjing 3/6/16

SL. Tong. Evaluating the health impacts of climate change. *Invited speech,* Nanjing CDC, Nanjing 4/6/16

SL. Tong. Public health in a changing climate. *Invited speech,* Southern East University, Nanjing 6/6/16

SL. Tong. Assessing the health consequences of climate and environmental threats. *Invited speech.* Hong Kong University, Hong Kong, 10/6/16.

SL. Tong. Linking child health care with public health. *Invited speech.* Ministry of Education/Shanghai Key Laboratory on Environment and Children's Health. Shanghai, 27/10/2016

SL. Tong. Quantifying the health risks of global environmental changes. *Invited speech.* National Institute of Environmental Health Sciences of China, Beijing, 1/11/16.

SL. Tong. Identifying and quantifying health risks of climate change. *Invited speech.* Peking University School of Public Health, Beijing. 2/11/16.

SL. Tong. Assessing the health impacts of global environmental changes. *Invited speech.* Centre for Disease Control and Prevention of China, Beijing, 3/11/16.

SL. Tong. Sustaining public health in a changing climate. *Invited speech,* Anhui Medical University, Hefei. 16/3/17

SL. Tong. Global health in a changing climate. *Invited speech,* Nanjing Medical University, Nanjing 17/3/17

SL. Tong. Global children's health: Current status and future perspectives. *Invited speech*, Department of Child Health Care, Shanghai Children's Medical Center, Shanghai Jiao Tong University, Shanghai 29/4/17

SL. Tong. Impacts of climate change on population health. *Invited speech*, Ministry of Education Key Laboratory on Environment and Children's Health, Xinhua Hospital, Shanghai 22/5/17

SL. Tong. Early life exposure to environmental factors and children's health. *Invited speech*, Shanghai Children's Medical Center, Shanghai Jiao Tong University, Shanghai 25/5/17

SL. Tong. Climate change and health: Research Progress and Future Needs. *Invited speech*, China CDC workshop on environment and health, Dalian, Liaoning Province, 7/12/17

SL. Tong. Protecting Human Health in a Changing Climate. *Invited speech*, Shanghai Ocean University, Shanghai, 9/12/17

SL. Tong. Assessing the Health Impacts of Climate Change. *Invited speech*, Bureau of Meteorology, Shanghai, 18/12/17.

SL. Tong. Quantifying the Health Risks of Climate Change. *Invited speech*, National Institute of Environmental Science, Beijing, 16/4/18

SL. Tong. Research progress in environment and children's health. *Invited speech*, Anhui Medical University, Hefei. 23/9/18

SL. Tong. Climate change and public health: Research progress and future needs. *Invited speech*, School of Public Health, Shanghai Jiao Tong University, Shanghai 9/11/18

SL. Tong. Air pollution, climate change and population health. *Invited speech*, Anhui Medical University, Hefei. 7/10/19

POSTGRADUATE RESEARCH TRAINING

Current Supervision:

Mahamad Hassin, PhD candidate (Principal Supervisor); Title of the research project: Assessment the effects of sociodemographic and climatic factors on childhood pneumonia in rural Bangladesh. 2016 - 19

Julie Tall: PhD candidate (part-time) (Principal Supervisor); Title of the research project: The impact of floods on the transmission of Ross River virus disease. 2012 -18

Rokeya Khan, PhD candidate (Principal Supervisor); Title of the research project: Exploring the effects of socio-ecological factors and climate variability on dengue transmission in Queensland, Australia. 2015 – 19 (part-time since 2018)

Jian Chen, PhD candidate (Principal Supervisor); Title of the research project: Assessment of temperature-related disease burden in Australia. 2016 - 19

Yuzhou Zhan, PhD candidate (Associate Supervisor); Title of the research project: Prediction of disease outbreaks using google data, 2016 – 19

Ning Wang: PhD candidate (Associate Supervisor); Title of the research project: Spatiotemporal patterns and determinants of lung cancer in China. 2017 – 20.

Previous students

Peng Bi (Principal Supervisor 1995-97; Assoc Supervisor 1997-98 after moving to QUT): PhD candidate; Title of the research project: Climate change and infectious diseases

Wenbiao Hu (Principal Supervisor): PhD candidate; Title of the research project: Applications of GIS and spatial modelling in epidemiological research.

Cizao Ren (Principal Supervisor): PhD candidate; Title of the research project: Impact of air pollution and weather on population health.

Darren Wraith (Associate Supervisor): PhD candidate; Title of the research project: Bayesian modelling of environmental health data.

Ying Zhang (Principal Supervisor): PhD candidate; Title of the research project: : The effects of exposure to heat wave.

Weiwei Yu (Principal Supervisor): PhD candidate; Title of the research project: : The impact of temperature variation on mortality and hospital admissions among elderly.

Xiaofang Ye (Principal Supervisor): PhD candidate; Title of the research project: Assessing the effects of temperature variation on hospital admissions in Australia and China.

Shahera Banu (Principal Supervisor): PhD candidate; Title of the research project: The impact of socio-environmental changes on the transmission of dengue.

Ray Huang (Principal Supervisor): PhD candidate; Title of the research project: Projecting the health impacts of heatwaves: Development of adaptation strategies.

Yan Bi (Principal Supervisor): PhD candidate; Title of the research project: Socio-environmental changes and malaria in Yunnan, China.

Su Naish (Principal Supervisor): PhD candidate; Title of the research project: Projecting the health impacts of climate change on Barmah Forest virus transmission in Queensland.

Xin Qi (Principal Supervisor): PhD candidate; Title of the research project: Impact of socio-ecological factors on suicide in Australia.

Yuming Guo (Principal Supervisor): PhD candidate; Title of the research project: Health co-benefits of strategies to reduce traffic-related greenhouse gas emissions in Brisbane: towards climate mitigation and adaptation.

Jiajia Wang (Principal Supervisor): PhD candidate; Title of the research project: An Assessment of the Effect of Heatwaves on Pregnancy Outcomes in Brisbane, Australia.

Zhiwei Xu (Principal Supervisor): PhD candidate; Title of the research project: Assessment of temperature effects on childhood pneumonia and diarrhoea.

Lina Madaniyazi: PhD candidate (Principal Supervisor); Title of the research project: Projection of air pollution related mortality in East China within the context of climate change.

Samina Khan (Associate supervisor): Master of Public Health student; Title of the research project: Knowledge, beliefs and attitudes toward breast cancer and utilisation of breast screening service by women with non-English speaking background.

Mei Tan (Sole supervisor): Master of Public Health student; Title of the research project: Descriptive analysis of Ross River virus disease in Queensland.

Steve McFallan (Associate supervisor): Master of Applied Science student; Title of the research project: Spatio-temporal analysis of the relationship between climate variation and Ross River virus transmission.

Ying Lu (Associate supervisor): Master of Applied Science student; Title of the research project: Socioeconomic status and pregnant smoking..

Min Wu (Sole supervisor): Master of Public Health student; Title of the research project: Asthma in Brisbane, Queensland.

Zheng mei Chen (Sole Supervisor): Master of Public Health student; Title of the research project: Impact of hot weather on deaths in Brisbane between 1985 and 2004.

Tu Huynh (Principal Supervisor): Master of Public Health student; Title of the research project: Pterygium and mitomycin C: a systematic review.

Xiaoyu Wang (Principal Supervisor): Master of Applied Science student; Title of the research project: Spatiotemporal approach to environmental health modelling.

Wenbiao Hu (Associate Supervisor): Master of Statistics candidate; Title of the research project: Spatiotemporal modelling in health research..

Kornwipa Punnasiri (Principal Supervisor): Master of Public Health candidate; Title of the research project: The effect of temperature on mortality in Chiang Mai, Thailand.

Xin Qi (Principal Supervisor): Masters of Applied Science candidate; Title of the research project: Climate change and mental health.

Linn Strand (Principal Supervisor): Masters of Applied Science candidate; Title of the research project: The influence of ambient temperature on birth outcomes in Brisbane, Australia.

Ariel Luo (Principal Supervisor): Masters of Applied Science candidate; Title of the research project: Impact of climate change on kidney disease in outdoor workers.

Zhen Qiao (Principal Supervisor): Masters of Applied Science candidate; Title of the research project: Assessing short- and long-term harvesting effects of temperature on cardiorespiratory mortality.

Judith Macey (Principal Supervisor): Masters of Applied Science candidate; Title of the research project: Impacts of adverse atmospheric conditions on birth outcomes.

Anh Thu Dang: PhD candidate (Principal Supervisor); Title of the research project: Impact of ambient temperature on emergency hospital admissions for acute myocardial infarction in central Vietnam. 2014 - 18

SUPERVISING AND MENTORING VISITING FELLOWS/STUDENTS

Prof. Jinliang Zhang: Visiting Fellow: Title of the research project: Air pollution and mortality in Beijing. 2002

Victoria Zhang: WHO Visiting Fellow: Title of the research project: SARS in China (prospective PhD candidate). 11.2003 – 4.2004

Prof. Xiao-chuan Pan: Visiting Fellow: Title of the research project: Comparison of air pollution and health between China and Australia. Jun – Oct. 2005

Prof. Qiru Song: Visiting Fellow: Title of the research project: UV radiation and public health. Jan – July. 2006

Prof. Haidong Kan: Visiting Fellow: Title of the research project: The impact of air pollution and weather on cardiorespiratory diseases in China and Australia. December 2009.

Prof. Chonghuai Yan. Visiting Fellow: Title of the research project: The effects of environmental exposure to neurotoxins on children's health. April 2010.

Prof. Jiahu Hao. Visiting Fellow: Title of the research project: The relation between mobile phone use and children's mental health. July 2013 – July 2014.

A/Prof. Tong Shen. Visiting Fellow: Title of the research project: Environmental toxicology and public health. July 2013 – July 2014.

Dr. Lidan Wang. Visiting Fellow: Title of the research project: Economics and public health. July 2013 – Jan 2014.

A/Prof. Shenghui Li, Visiting Fellow: Title of the research project: Interactive effects of temperature and pesticide on pregnancy outcomes. Feb – Sept. 2014.

A/Prof. Peng Zhu, Visiting Fellow: Title of the research project: Vitamin D and birth outcomes. June 2014 - June 2015.

A/Prof. Jinxia Zhai, Visiting Fellow: Title of the research project: TBA. May 2015 – May 2016.

A/Prof. Sijun Liu, Visiting Fellow: Title of the research project: Climate variability and hand-foot-mouth disease in Nanjing, China. February– August 2016.

Ms. Shuman Tao, Visiting Student: Title of the research project: Environmental exposures and birth outcomes in CABC study, Anhui, China. September 2016 – August 2017.

Student awards

The quality of the research work produced by students that I have supervised has been acknowledged through many prizes, awards, and fellowships, including:

QUT School of Public Health Best Environmental Health Dissertation Award in 2007 (Cizao Ren).

NHMRC Postdoctoral Research Fellowship in 2008 (Wenbiao Hu).

APHA Distinguished Dissertation Award Nomination in 2008 (Tu Huynh).

International Society for Environmental Epidemiology Conference Travel Award in 2009 (Vivian Yu).

CSIRO Top Up Scholarship in 2009 (Ray Huang).

NHMRC New Investigator Project Grant in 2010 (Wenbiao Hu).

NCCARF Conference Travel Award in 2011 (Ray Huang).

International Society for Environmental Epidemiology Conference Travel Award in 2012 (Yuming Guo).

QUT Vice-Chancellor Research Fellowship in 2012 (Wenbiao Hu).

NCCARF Conference Travel Award in 2012 (Ray Huang).

Chinese Government award for outstanding self-financed students abroad in 2012 (Yuming Guo).

CSIRO Top Up Scholarship in 2012 (Zhiwei Xu)

Best Environmental Epidemiology Paper nominated by International Society for Environmental Epidemiology, 2013 (Linn Strand).

QUT outstanding thesis 2014 (Ray Huang).

China's Thousand Youth Talents Award 2015 (Ray Huang).

ARC Future Fellowship 2015-18 (Wenbiao Hu)

NHMRC Career Development Award 2016-19 (Yuming Guo)