



PHD SCHOLARSHIPS ON WATER FOR EQUALITY AND WELLBEING

- Area:** Enrolment in relevant UQ School, and co-supervision by the UQ Global Change Institute
- Work Type:** Full Time - Scholarship (Stipend: \$26,288 pa for 3 years)
- Location:** St Lucia or Herston campus, Brisbane

Healthy water and healthy environments play a major role in protecting and promoting human wellbeing and equality. Yet in Southeast Asia alone, many still do not have clean water on a daily basis, and one billion people still lack access to toilets. In the Pacific, only half of the population can access a proper toilet. In Australia, remote Aboriginal communities experience a higher burden of water-related disease than the general Australian population.

Consider undertaking transdisciplinary PhD research with The University of Queensland's expert academics to develop solutions to these challenges, and play a significant part in enhancing best practices towards improved water and wellbeing. Your research will directly contribute to strengthen intercountry ties and build capacity for in-country application.

The Opportunity

We are seeking two or more domestic student PhD candidates to apply through the Graduate School for scholarships to join a unique multi-disciplinary team coordinated by the UQ Global Change Institute to contribute to a set of exciting new projects focused on understanding how water can affect equality and wellbeing in the developing world, including Australia's remote communities.

The PhD Team

Successful applicants would become part of a growing team of researchers at UQ addressing the challenges of water quality, quantity, protection, delivery and equality, and its influence on environmental hygiene and community health and wellbeing. The PhD candidates will be part of a cohort experience through the Global Change Institute, which will include discussion groups, peer exchange, skill-building workshops, transdisciplinary training, placements in relevant organisations, co-supervision, special guest speakers and opportunities to engage in GCI Sustainable Water events. The candidates will be enrolled in the School of their principal supervisor, and receive co-supervision from the Global Change Institute's Sustainable Water Program.

The research team for this project is based at the St Lucia and Herston campuses of UQ in Brisbane. Periodic inter-state travel and some intensive periods of field work and workshop convening may be required. Opportunities exist for successful applicants to be hosted by development organisations in Australia and internationally for periods of time while working on their PhD within a project.

Research Environment and Support

The University of Queensland is one of the top universities in Australia, and is in the top 100 in the world. The Global Change Institute (GCI) is an interdisciplinary, collaborative hub at The University of Queensland. It catalyses expertise across the university to deliver high-impact, 'game changing' research that provides solutions to global change challenges facing the world. GCI responds to these challenges by identifying community and industry needs and brokering collaborative research and communication for interdisciplinary solutions within four themes, including sustainable water. The vision of the GCI's Sustainable Water Program is to address the complexities of the global water challenge through innovation, education and engagement. GCI has established the UQ Water for Equality and Wellbeing initiative to enhance The University of Queensland's recognition as the lead Australian university in water and health research and application through its researchers and the training facility provided by the International Water Centre.

The PhD cohort will be coordinated by GCI, and PhD candidates will be enrolled in the relevant unit, including the School of Public Health, School of Social Science, School of Agriculture and Food Science, Institute for Social Science Research, Aboriginal and Torres Strait Islander Studies, or School of Civil Engineering. The International Water Centre may also be involved in the application and dissemination of the research outputs.

Proposed PhD supervisors and project areas:

- **Professor Helen Ross, School of Agriculture and Food Sciences:**
Integrated water resource management in the Pacific; Building cooperation between governments and community.
- **Professor Jose Torero, School of Civil Engineering:**
Investigating sustainable sanitation solutions to the 2.5 billion people worldwide who do not have access to safe, affordable sanitation.
- **Professor Mark Moran, Institute for Social Science Research:** Adaptive development for sustainable development outcomes.
- **Professor Cindy Shannon, Pro Vice-Chancellor (Indigenous Education):**
Quantifying the health benefits of on-country activities in remote Indigenous communities.
- **Associate Professor Peter Hill, School of Public Health:**
Examining health and water in the UN Sustainable Development Goals.
- **Dr Paul Jagals, School of Public Health:**
Researching water and health issues as part of environmental health services systems development and impact assessment, and teaching environmental health capacity building towards supporting development outcomes.

Further Information

UQ strongly encourages you to discuss this opportunity and your potential research topic before compiling an application. To initially discuss the role, contact Dr Nina Hall (Sustainable Water Program Manager, UQ Global Change Institute) at n.hall2@uq.edu.au or 07 3443 3104. Depending on your interest, Nina will direct you to a potential supervisor in a School relevant to your topic of interest and experience. Further information about the UQ Water for Equality and Wellbeing Initiative, including involved academics, is available at <http://www.gci.uq.edu.au/uq-water-equality-and-wellbeing>.

Application Process

Applications must be submitted to the UQ Graduate School and must follow the standard admissions procedure for all UQ PhD scholarships, which is outlined here: <http://www.uq.edu.au/grad-school/apply>.

**Applications close 17 September, 2016 (11:55 PM) E. Australia Standard Time).
Successful applicants will commence in February 2017**

