

Research at QUI and the 2021 Annual Research Scholarship Round

3 September 2020

Acknowledgement of Traditional Owners

The Queensland University of Technology (QUT) acknowledges the Turrbal and Yugara, as the First Nations owners of the lands where QUT now stands. We pay respect to their Elders, lores, customs and creation spirits. We recognise that these lands have always been places of teaching, research and learning.

QUT acknowledges the important role Aboriginal and Torres Strait Islander people play within the QUT community.

Info Session Overview

- Higher Degree Research at QUT
- QUT Research Strengths
- Annual Scholarship Round and how to apply
- Q&A



Division of Research and Innovation

CURRENT HIGHER DEGREE RESEARCH (HDR) PROFILE

- 6 Faculties and 31 QUT Research Centres
- 2,320 current HDR students

Courses available:

- <u>Doctor of Philosophy (PhD)</u> Offered by all Faculties
- Master of Philosophy (MPhil) Offered by all Faculties
- <u>Doctor of Creative Industries</u> Creative Industries Faculty
- <u>Doctor of Education</u> Faculty of Education

Our research students are entrepreneurial agents of change, overcoming the challenges of today while shaping the environments and economies of the future.

SUPPORT FOR RESEARCH STUDENTS

- Expert accredited supervisors and access to world class facilities
- Dedicated <u>Graduate Research Centre (GRC)</u> supports students from application through to graduation and beyond
- Personalised <u>Graduate Research Education and Development (GRE+D)</u> training to advance your career, develop research and leadership skills, and engage with industry and end users
- Scholarships including living stipends and tuition fee sponsorship
- Funding to support research activities including conference travel and fieldwork
- Specialist services including high performance computing, language and learning support, career counselling and much more

QUT RESEARCH STRENGTHS

- University / Faculty / Institute Research Centres
- Strategic investment to enhance research impact
- Nationally and internationally leading research
- Strong external engagement and partnerships
- World-class research infrastructure and facilities
- Interdisciplinary collaboration to drive innovation
- High-quality research and research training
- Commitment to principles of equity and diversity

Research strengths

We've invested in areas of research identified as priorities for the world, the nation and the state. In each of these areas we're continuing to build on the strength and experience of our experts.



- Centre for Healthcare
 Transformation
- > Centre for Biomedical Technologies >
 - Australian Research Council Centre of Excellence for the Digital Child



- Centre for Agriculture and the Bioeconomy
- > Centre for Data Science
- > Centre for Future Enterprise



- Centre for Materials Science
- > Centre for Roboti
- > Digital Media Research Centre



BUSINESS RESEARCH STRENGTHS

















Accounting, governance & Non-profits

Taxation justice and policy

Corporate fraud and misconduct

Sustainability reporting

Non-profit accounting

Philanthropy & fundraising

Social innovation

Business Innovation

Business models

Innovation adoption & diffusion

Risk management in technology adoption

Social license to operate

Supply chain coordination

Healthcare innovation

Organisational Behaviour

Emotion and safety at work

Organisational Culture and Change

Leadership

Personality and Individual Differences,

Engagement, wellbeing and stress at work

Workforce capability

Entrepreneurship

Start-ups and the entrepreneurial process

Founders

Entrepreneurial diversity in people

Entrepreneurial regions

New Ventures and opportunities

Employment & labour markets

Technological and digital dimensions of work

Institutional accountability & sustainability

Equality of access to work & education

Employability and labour market outcomes

Cultural and gendered inequalities of work

Behavioural Economics

Trust and human behaviour

Non-market interactions

Behaviour change

Behaviours and decisions in agriculture and natural resources

Behavioural economics and public policy

Econometrics

Models of economic and financial behaviour

Economic effects of public policy

Energy and the Environment

Financial Risk Management

Social Marketing

Consumption (alcohol; energy)

Consumer behaviour and participation

Health and wellbeing consumer practices

Stakeholder and community engagement

Social impact

CREATIVE INDUSTRIES FACULTY

Digital Media Research Centre

Transforming Media Industries

Explores how technologies are reshaping media businesses.

Digital Publics

Maps the politics and dynamics of social media.

Computational Communication & Culture

Investigates how data and algorithms are transforming society.

The Digital Social Contract

Helps improve the governance of the digital world.

Digital Inclusion and Participation

Promotes digital access and literacy for everyone.



QUT Design Lab

Designing Future Technologies

Investigates the mutual shaping of design and technology in areas such as advanced manufacturing, robotics and extended reality.

Designing for Health

Designing with technologies for ageing, disability, child and youth, and the wellbeing of communities.

Designing Creative and Resilient Communities

Explores creative approaches that promote sustainable behaviours and celebrate Country and culture.

Research Groups

Creative Placemaking for Social Impact

Examines the critical role of arts and culture in community wellbeing and resilience.

More-than-Human Futures

Re-imagines humanity's entanglements with ecosystems grounded in Indigenous teachings of caring for Country.



EDUCATION RESEARCH

World-Class Centres, Programs & Thought Leaders

- The Australian Research Council Centre of Excellence for the Digital Child
- Centre for Inclusive Education
- Childhoods in Changing Contexts
- Literacies, Language, Text and Technologies
- STEM Education
- Teacher Education and Professional Learning

Contact: Professor Karen Dooley, Director Higher Degree Research Studies

Email: k.dooley@qut.edu.au

Website: https://www.qut.edu.au/education/research











FACULTY OF HEALTH

Multidisciplinary and purpose-driven research addressing real-world health issues

- Centre for Healthcare Transformation (Tier 1)
- Centre for Genomics and Personalised Health (Tier 1)
- Centre for Accident Research and Road
 Safety Queensland (CARRSQ)
- Centre for Immunology and Infection Control
- Centre for Vision and Eye Research



Research areas					
Allergies	Burns and trauma	Child reproduction health			
Cough, asthma and airways	Exercise and environmental ergonomics	Paediatric exercise and nutrition			
Paediatric palliative and supportive care	Peptide therapeutics and membrane biology	Woolworths Centre for Childhood Nutrition Research			



FACULTY OF LAW RESEARCH STRENGTHS

JUSTICE QUT Centre for Justice (QUT C4J) A think tank for social justice, empowering

citizens and communities through solutions-oriented research

HEALTH LAW Australian Centre for Health Law Research (ACHLR) conducting innovative research

at the intersection of law, health, ethics, and policy

TECHNOLOGY Exploring the <u>digital social contract</u> and the <u>datafication and automation of human life</u>

ENVIRONMENT Focusing on <u>ecological justice</u> and <u>ocean governance</u>





RESEARCH

- BIOMEDICAL TECHNOLOGIES
- ROBOTICS
- MATERIALS SCIENCE
- DATA SCIENCE
- AGRICULTURE AND THE BIOECONOMY





QUT Graduate Research Student Showcase

Three Minute Thesis and Visualise Your Thesis Grand Finals

12pm, 9 September 2020 - Register now!





TIMELINE

ANNUAL SCHOLARSHIP ROUND – HOW TO APPLY

Search the **Annual Scholarship Round** website to read our guidelines,

CURRENT STUDENTS

Early September	which include eligibility requirements. Find academic and ELP course requirements on each course's webpage.			
	Search <u>research areas</u> , <u>student topics</u> and <u>our experts</u> to find projects and supervisors. Visit our <u>How to apply</u> website. Check if you need to apply via an agent.	Have received an email requesting you confirm you want to be included in the annual scholarship round.		
By 11:59pm on 20 September 2020	Submit a complete Expression of Interest (EOI) (confirming you want to be considered)	Email to confirm you meet the eligibility requirements and want to be included in the round		
By 11:59pm on 30 October 2020	If EOI is successful, submit your application (confirming again you want to be considered) and research proposal. You need to have met ELP requirements.			

FUTURE STUDENTS



TIMELINES

By 11:59pm on 29 January

2021

By 31 July 2021

WHAT HAPPENS NEXT?

FUTURE STUDENTS

November	Applications are assessed and faculties review and rank according to their faculty scholarship criteria	
Early-Mid December	Rankings are endorsed by Research Degrees Committee and offers are made	

By 11:59pm on 14 December 2020 external to internal)

If successful, accept scholarship offer. (Change enrolment if required, i.e. part-time to full-time,

CURRENT STUDENTS

If successful, accept scholarship offer Meet condition of offer if condition is based on completion of study

By 11:59pm on 31 March 2021 Scholarship recipients must commence their scholarship by 31 July 2021



GRADUATE RESEARCH CENTRE CONTACT DETAILS:

Email: hdr@qut.edu.au

Phone: +61 (0)7 3138 7200