5 reasons to undertake research at the University of Adelaide

1. The opportunity to work with internationally renowned scholars in your chosen field.

2. Dynamic and supportive research environments where you mix with top students from around the world.

3. World-class concentration of expertise, highly awarded supervisors and opportunities for international collaboration.

4. Outstanding facilities, excellent resources and strong links with industry.

5. Success in achieving postgraduate employment.
Message from the Vice-Chancellor and President

Ranked in the top 1% of universities worldwide, the University of Adelaide makes a significant contribution to the well-being and prosperity of our community, in Australia and globally.

We are committed to tackling the ‘wicked problems’ addressing such grand challenges as food security, sustainability of natural resources, clean energy, climate change, and an array of challenges in health and medicine.

By undertaking a research degree at the University of Adelaide you will work at the forefront of discovery in your chosen area. Our strong focus on addressing global challenges, as well as our track record in long-term, basic research, creates a highly stimulating setting for our postgraduate students.

You will have the opportunity to work beside staff who rank among the world’s best in their field, in state-of-the-art research facilities, while connecting with other like-minded, ambitious postgraduate students from Australia and abroad.

Undertaking postgraduate research at the University of Adelaide is a decision to further your career in a rich academic environment that pursues excellence, values the freedom to investigate new fields, and inspires graduates to make a positive difference in their community.

Professor Warren Bebbington
Vice-Chancellor and President
The University of Adelaide has a vision and commitment to excellence, a sense that the student experience is fundamental, and a belief that research intensity and innovation are key to high quality teaching. These values have a symbiotic relationship that underpins and characterises the finest universities in the world.

Established in 1874, the University has developed a reputation for excellence in research and is one of the top research universities in Australia. The University of Adelaide’s research initiatives are aimed at delivering real results that contribute to both Australian and international social, economic, cultural and environmental wellbeing.

Research performance is fundamental to an outstanding research training environment producing highly skilled graduates who will be future leaders in their chosen fields. The University has an outstanding track record, spanning basic research to commercial outcomes, and continues to produce real results at home and overseas.

Achievements

Research excellence
Excellence in Research for Australia (ERA) is an initiative of the Australian Government, which aims to assess research quality using a combination of metrics focussed on researchers, research outputs, research income, esteem and applied measures. The results released in December 2015 confirm many of the University’s fundamental research strengths, in areas including geology, ecology, oncology, nutrition, civil engineering, astronomical sciences, macromolecular chemistry, soil sciences and philosophy.

- 35 research sub-fields (52%) achieved the maximum rating of 5, the second highest proportion in the Go8.
- 20 research sub-fields (30%) achieved above world standard (4 rating).
- 11 research sub-fields have received a 5 rating across all three ERA rounds (2010, 2012 and 2015).
- The University is the only institution in Australia to achieve a 5 rating in Paediatrics and Reproductive Health across all three ERA evaluations.
- 21 out of 22 research areas rated at or above world class

Top 1% of universities in the world
Ranked in the top 1% of universities in the world (Times Higher Education, QS and Shanghai Jiao Tong rankings)

Top three Australian universities
Consistently one of the top three Australian universities in competitive national research income per academic staff member

Group of Eight member
Member of the prestigious Group of Eight research-intensive universities, the member institutions of which account for approximately 70% of competitive research income in Australia, and account for about half of Australia’s higher degree by research student completions

5 Nobel Prize winners
Associated with 5 Nobel Prize winners

109 Rhodes scholars
Produced 109 Rhodes scholars

136 Fulbright scholars
Produced 136 Fulbright scholars

One of Australia’s top research universities

The University of Adelaide has a vision and commitment to excellence, a sense that the student experience is fundamental, and a belief that research intensity and innovation are key to high quality teaching. These values have a symbiotic relationship that underpins and characterises the finest universities in the world.

Established in 1874, the University has developed a reputation for excellence in research and is one of the top research universities in Australia. The University of Adelaide’s research initiatives are aimed at delivering real results that contribute to both Australian and international social, economic, cultural and environmental wellbeing.

Research performance is fundamental to an outstanding research training environment producing highly skilled graduates who will be future leaders in their chosen fields. The University has an outstanding track record, spanning basic research to commercial outcomes, and continues to produce real results at home and overseas.
Research strength and expertise

Researchers are conducting world-class research across a broad range of fields, including such diverse areas as astronomical sciences, computer vision, food and nutrition, performing arts and infectious diseases. Research strengths are encompassed by the following overarching fields, all of which contain a number of sub-fields:

- Engineering and Environmental Sciences
- Biological and Agricultural Sciences
- Humanities, Law and Creative Arts
- Mathematical, Information and Computing Sciences
- Physical, Chemical and Earth Sciences
- Social and Behavioural Sciences
- Medical and Health Sciences

For more information on our strengths, visit: adelaide.edu.au/research/our-research

A global alumni network

Graduates of the University of Adelaide become part of a distinguished alumni community that extends around the world. Internationally, University of Adelaide alumni occupy positions of influence in business, government, academia and the arts. Some of the University’s notable earlier graduates include penicillin pioneer Howard Florey and the youngest ever recipient of the Nobel Prize for physics, William Lawrence Bragg. Present-day achievers include: NASA astronaut Dr Andy Thomas; joint winner of the 2005 Nobel Prize for Physiology or Medicine Dr J. Robin Warren; The President of Singapore, Dr Tony Tan; the Chairman of the OCBC Bank in Singapore, Dr Cheong Choong Kong.

The University has 20 alumni chapters and networks, including groups based in Hong Kong, Malaysia (Kuala Lumpur and Sarawak), Singapore, Thailand, the United Kingdom and the United States of America. The chapters and networks offer graduates and friends of the University the opportunity to continue their connection through a variety of events and activities, from reunions and social events to professional development and mentoring programs.

For more information on our alumni network, visit: adelaide.edu.au/alumni/
The results of the Excellence in Research for Australia (ERA) confirm many research strengths.

The ERA is a Commonwealth Government initiative to assess the research quality at universities across Australia, using a combination of measures on researchers, research outputs, research income, reputation and other measures. The University of Adelaide performed well in most research areas and achieved outstanding results in sciences and health.

For the full results of the ERA process, visit: [adelaide.edu.au/dvcr/era](http://adelaide.edu.au/dvcr/era)

### Highlights of our ERA results

- **82%** of the University’s research sub-fields were assessed as being above or well above world standard (rating 4 or 5)
- **67** individual research sub-fields assessed
- **35** More than half (35) research areas have been rated by ERA at the highest level, well above world class, the second highest proportion in the Group of Eight
- **30%** were rated above world standard (4 rating)
- **11** have now received a 5 rating across all three ERA rounds (2010, 2012 and 2015)
- **5** Each of our five major research institutes have been associated with the multiple top ratings of 5 in at least one research area
Our Nobel laureates

The Nobel Prize is an international award given yearly since 1901 for achievements in physics, chemistry, medicine, literature and peace. The University of Adelaide is associated with five Nobel laureates, and has a long history of ground-breaking research and scholarship of international significance.

1915
Sir William Henry Bragg and William Lawrence Bragg, Physics, for their services in the analysis of crystal structure by means of X-rays.

1945
Sir Howard Walter Florey, Physiology or Medicine, for the discovery of penicillin and its curative effect in various infectious diseases.

2003
John M. Coetzee, Literature, who in innumerable guises portrays the surprising involvement of the outsider.

2005
Dr. J. Robin Warren, Physiology or Medicine (joint), for their discovery of the bacterium Helicobacter pylori and its role in gastritis and peptic ulcer disease.
Research institutes and centres

Our five research institutes, comprising a research community of approximately 1,200 staff and students, bring together world-leading researchers supported by modern infrastructure and an innovative culture, to tackle national and international research priorities.

Robinson Research Institute
adelaide.edu.au/robinson-institute
Focusing on the earliest stages of life, the Robinson Research Institute seeks to prevent disease and promote health in children and adults across generations. The Institute bridges the gap between research discoveries and medical practice, with many of the institute’s senior researchers also being leading clinicians in their fields. This enables a strong translation of research discoveries, which provides immeasurable benefits to society and for future generations.

The Environment Institute
adelaide.edu.au/environment
The University established the Environment Institute to tackle some of the most serious environmental challenges facing Australia and the world. Research undertaken within the institute delivers know-how and understanding that will underpin improvement in the management of natural resources such as water, soil, land and native flora and fauna, particularly under changing climate and economic conditions.

Institute for Mineral and Energy Resources
adelaide.edu.au/imer
The Institute focuses on petroleum engineering, mining engineering, petroleum and minerals, geoscience and geothermal energy, and energy technologies. Researchers address the complex challenges faced by the mineral and energy resources sectors, and aim to establish the State as a world leader in the provision of research and education for the minerals and energy resources industries.

The Institute for Photonics and Advanced Sensing (IPAS)
adelaide.edu.au/IPAS
IPAS brings together physicists, chemists and biologists to pursue a transdisciplinary approach to science. Researchers are developing novel photonic, sensing and measurement technologies, with a focus on optical materials and structures, lasers and nonlinear optics, remote sensing, chemical and radiation sensing, surface and synthetic chemistry, medical diagnostics and biological sensing.

The Waite Research Institute
adelaide.edu.au/wri
The Waite Research Institute brings together researchers with a focus on plant and crop sciences, soil science, viticulture and oenology, food and nutrition, and food chain economics. The institute aims to enhance the position of the University as Australia’s foremost agricultural research institution and address key issues such as global food security and agricultural sustainability.

For more information on our research institutes and centres, visit: adelaide.edu.au/research/our-research/institutes-centres
<table>
<thead>
<tr>
<th>Environment Institute</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Australian Centre for Ancient DNA (ACAD)</td>
<td></td>
</tr>
<tr>
<td>Australian Centre for Evolutionary Biology and Biodiversity (ACEBB)</td>
<td></td>
</tr>
<tr>
<td>Sprigg Geobiology Centre (SGC)</td>
<td></td>
</tr>
<tr>
<td>Water Research Centre</td>
<td></td>
</tr>
<tr>
<td>Robinson Research Institute</td>
<td></td>
</tr>
<tr>
<td>Institute for Mineral and Energy Resources</td>
<td></td>
</tr>
<tr>
<td>Centre for Energy Technology</td>
<td></td>
</tr>
<tr>
<td>Centre for Tectonics Resource and Exploration (TRax)</td>
<td></td>
</tr>
<tr>
<td>South Australian Centre for Geothermal Energy Research</td>
<td></td>
</tr>
<tr>
<td>Institute for Photonics and Advanced Sensing</td>
<td></td>
</tr>
<tr>
<td>Waite Research Institute</td>
<td></td>
</tr>
<tr>
<td>FoodPlus Research Centre (joint venture with WCHRI)</td>
<td></td>
</tr>
<tr>
<td>Australian Research Council (ARC)</td>
<td></td>
</tr>
<tr>
<td>Australian Centre for Plant Functional Genomics (Lead)</td>
<td></td>
</tr>
<tr>
<td>ARC Centre of Excellence in Nanoscale Bio-Photonics</td>
<td></td>
</tr>
<tr>
<td>ARC Centre of Excellence in Plant Cell Walls (Lead)</td>
<td></td>
</tr>
<tr>
<td>ARC Centre of Excellence in Plant Energy Biology (Partner)</td>
<td></td>
</tr>
<tr>
<td>ARC Centre of Excellence for the History of Emotions (Partner)</td>
<td></td>
</tr>
<tr>
<td>ARC Centre of Excellence for Particle Physics at the Tera-Scale (Partner)</td>
<td></td>
</tr>
<tr>
<td>ARC Research Hub for Australian Copper-Uranium</td>
<td></td>
</tr>
<tr>
<td>ARC Research Hub for genetic diversity and molecular breeding for wheat in a hot and dry climate</td>
<td></td>
</tr>
<tr>
<td>ARC Training Centre for Innovation Wire Production</td>
<td></td>
</tr>
<tr>
<td>National Health and Medical Research Council (NHMRC)</td>
<td></td>
</tr>
<tr>
<td>Centre of Clinical Research Excellence for Oral Health</td>
<td></td>
</tr>
<tr>
<td>Centre of Research Excellence in Translating Nutritional Science to Good Health</td>
<td></td>
</tr>
<tr>
<td>Other research centres</td>
<td></td>
</tr>
<tr>
<td>Adelaide Centre for Neuroscience Research</td>
<td></td>
</tr>
<tr>
<td>Adelaide Proteomics Centre</td>
<td></td>
</tr>
<tr>
<td>Adelaide Radar Research Centre</td>
<td></td>
</tr>
<tr>
<td>Australian Centre for Visual Technologies (ACVT)</td>
<td></td>
</tr>
<tr>
<td>Australian Population and Migration Research Centre</td>
<td></td>
</tr>
<tr>
<td>Australian Research Centre for Health of Women and Babies (ARCH)</td>
<td></td>
</tr>
<tr>
<td>Australian Research Centre for Population and Oral Health (ARCPHO)</td>
<td></td>
</tr>
<tr>
<td>Australian Research Centre Research Hub for Australian Copper-Uranium</td>
<td></td>
</tr>
<tr>
<td>Centre for Advanced Nanomaterials</td>
<td></td>
</tr>
<tr>
<td>Centre for Automotive Safety Research (CASPR)</td>
<td></td>
</tr>
<tr>
<td>Centre for Biomedical Engineering (CBME)</td>
<td></td>
</tr>
<tr>
<td>Centre for Coastal Research</td>
<td></td>
</tr>
<tr>
<td>Centre for Defence Communications and Information Networking (CDCIN)</td>
<td></td>
</tr>
<tr>
<td>Centre for Heart Rhythm Disorders</td>
<td></td>
</tr>
<tr>
<td>Centre for High Performance Integrated Technologies and Systems (CHIPTeC)</td>
<td></td>
</tr>
<tr>
<td>Centre for Housing, Urban and Regional Planning</td>
<td></td>
</tr>
<tr>
<td>Centre for International Economic Studies</td>
<td></td>
</tr>
<tr>
<td>Centre for Mineral Exploration Under Cover</td>
<td></td>
</tr>
<tr>
<td>Centre for Molecular Pathology</td>
<td></td>
</tr>
<tr>
<td>Centre for Molecular Traditional Chinese Medicine</td>
<td></td>
</tr>
<tr>
<td>Centre for Orofacial Research and Learning (CORAL)</td>
<td></td>
</tr>
<tr>
<td>Centre for Orthopaedic and Trauma Research</td>
<td></td>
</tr>
<tr>
<td>Centre for Personalised Cancer Medicine</td>
<td></td>
</tr>
<tr>
<td>Centre for Quantification and Management of Risk</td>
<td></td>
</tr>
<tr>
<td>Centre for Stem Cell Research (CSCK)</td>
<td></td>
</tr>
<tr>
<td>Centre for Complex Systems and the Structure of Matter</td>
<td></td>
</tr>
<tr>
<td>Centre for Traumatic Stress Studies</td>
<td></td>
</tr>
<tr>
<td>Data Management and Analysis Centre (OMAC)</td>
<td></td>
</tr>
<tr>
<td>Defence Systems Innovation Centre (DSIC)</td>
<td></td>
</tr>
<tr>
<td>Fay Gate Centre for Research on Gender</td>
<td></td>
</tr>
<tr>
<td>Fertiliser Technology Research Centre</td>
<td></td>
</tr>
<tr>
<td>Freemasons Foundation Centre for Men’s Health</td>
<td></td>
</tr>
<tr>
<td>Indo-Pacific Governance Research Centre (IGPRC)</td>
<td></td>
</tr>
<tr>
<td>Institute for Geometry and its Applications (IGA)</td>
<td></td>
</tr>
<tr>
<td>International Centre for Financial Studies (ICFS)</td>
<td></td>
</tr>
<tr>
<td>JM Coetzee Centre for Creative Practice</td>
<td></td>
</tr>
<tr>
<td>Research Centre for Infectious Diseases (RCID)</td>
<td></td>
</tr>
<tr>
<td>South Australian Centre for Economic Studies (SACES)</td>
<td></td>
</tr>
<tr>
<td>Teletraffic Research Centre</td>
<td></td>
</tr>
<tr>
<td>Wine Economics Research Centre</td>
<td></td>
</tr>
</tbody>
</table>
Research programs and entry requirements
Employers recognise that the research ability and broad range of transferable skills that Adelaide graduates possess equip them well for challenging and diverse roles in industry, government and business, as well as in research and academic organisations. Choosing the right degree is an important decision and one that will be influenced by career plans, personal circumstances and prior qualifications. We recommend that students discuss the options with the relevant school.

A brief outline of available research degrees follows on page 12. The admission requirements for each of these degrees are set out in the relevant set of academic program rules. However an overview of these requirements and other important information is provided in the Research Student Handbook which is available at: adelaide.edu.au/graduatecentre/handbook/

Entry requirements

For information about the admission requirements for Higher Degrees by Research (HDR) please refer to: adelaide.edu.au/graduatecentre/handbook/03-considerations-in-applying/02-entry-requirements/

Applying and selecting a supervisor

Select a supervisor

Information to help with important decisions such as selecting the right area of research and finding a suitable prospective supervisor, as well as information on application and enrolment procedures, is available at: adelaide.edu.au/graduatecentre/admission

To find a suitable potential supervisor, students will need to contact the appropriate person from the faculty or school relevant to the proposed research area via: adelaide.edu.au/study/postgraduate/research-degrees/areas/

Once contact has been made with a potential supervisor who has expressed interest in supervising their research at the University of Adelaide, they will be encouraged to submit a formal online application to the Adelaide Graduate Centre at: adelaide.edu.au/graduatecentre/admission/apply-now

The application will prompt students to upload relevant supporting documentation, including:

- evidence of English language proficiency
- documentation for all completed and/or current studies
- details of research background
- current curriculum vitae, including any research publications
- a brief research proposal
- contact details for two academic referees who will be asked to supply confidential reports.

General information for research students is located on the Adelaide Graduate Centre website at: adelaide.edu.au/graduatecentre

Further information for international students can be found on the International website at: adelaide.edu.au/study/international

For information about international postgraduate research scholarships, refer: adelaide.edu.au/graduatecentre/scholarships/research-international/

How to apply

Information about how to apply online for candidature and/or a scholarship can be found on the Adelaide Graduate Centre website: adelaide.edu.au/graduatecentre/admission/
Research programs

Doctor of Philosophy

Course duration: 2-4 years full-time
Availability: All faculties

The Doctor of Philosophy (PhD) degree is the basic qualification for a research career or academic position. In the course of completing the degree under appropriate supervision, candidates develop the capacity to conduct research independently at a high level of originality and quality, and make a significant original contribution to knowledge in their chosen discipline.

The candidate completes an approved program of study and research under supervision. This also involves compulsory participation in the Integrated Bridging Program-Research (IBP-R), a semester length program, designed to help international students gain access quickly and effectively to the academic, linguistic and cultural conventions of postgraduate study at the University of Adelaide. For more information on the IBP-R please refer to: adelaide.edu.au/graduatecentre/handbook/05-candidature/06-monitoring-academic-progress/05-structured-program/01-core-component/01-integrated-bridging-program-research/

After completion of the program of study and research the student presents a thesis embodying the results of original investigation.

A PhD thesis at the University of Adelaide may be prepared in one of the following formats:

- conventional written narrative presented as typescript
- publication: thesis by publication, which may include publications that have been published and/or accepted and/or submitted for publication and/or which have been prepared in publication format
- combination of conventional and publication formats
- major (creative, musical or visual) work (Volume 1) and exegesis (Volume 2).

Irrespective of the form of thesis presented, examiners will expect a candidate to:

- produce a clearly, accurately and cogently written thesis that is suitably illustrated and documented
- demonstrate a deep knowledge of the research topic
- relate the research topic to the broader framework of the discipline within which it falls
- demonstrate an independence of thought and approach
- make a significant and original contribution to knowledge by the discovery of new facts, the formulation of theories, or the innovative reinterpretation of known data and established ideas.

Jointly-awarded PhD programs with international collaborators (including the Cotutelle)

PhD programs that are jointly awarded with an international collaborator are also available to University of Adelaide international research students.

A jointly awarded PhD program provides a mechanism to:

- enhance two-way international research collaboration
- facilitate international study and experience for PhD students
- work in two countries and have access to the latest research equipment
- access new funding sources.

International students wishing to apply for a jointly-awarded PhD with the University of Adelaide as their partner institution must demonstrate, prior to application, that:

- they are already enrolled in a PhD in an approved university
- they can satisfy the normal admission requirements (including all language proficiency requirements) at the University of Adelaide
- arrangements exist for an approximately equal sharing of candidature between institutions.

A jointly awarded agreement between the University of Adelaide and a French university is known as a Cotutelle Agreement. Further information about the French Cotutelle scheme is available from the French Embassy in Australia and at: ambafrance-au.org/-Cotutelle,154-

Enquiries concerning participation in Cotutelle or other jointly awarded doctorates should be directed to the Dean of Graduate Studies following review of the information in Appendix 4 of the Research Student Handbook: adelaide.edu.au/graduatecentre/handbook/11-appendices/
Professional Doctorate

Course duration: 2-4 years full-time
Availability: Education and Nursing

The University offers two professional doctorates in the disciplines of education and nursing. Professional doctorates combine research, project activity and advanced coursework in a single program of study and are specifically aimed at practitioners in the field.

To qualify for a professional doctorate, a candidate is required to pass each component of the program individually, to complete any coursework or project requirements and participate in the IBP-R before submitting his/her thesis for examination.

Master of Philosophy

Course duration: 1-2 years full-time
Availability: All faculties
Stream: Mixed coursework (33%) and research (67%)

Master of Philosophy students are trained in research methodology and techniques and are engaged in the critical evaluation of literature and results in the substantive area of the thesis at an advanced level.

While Master of Philosophy degrees may include an advanced coursework component, the focus is on research. Examiners of a Master of Philosophy thesis will be seeking evidence that the candidate has:

- a thorough understanding of the relevant techniques and methodologies in the field, as demonstrated by a thorough critical review of the literature
- demonstrated competence in the chosen field through judicious selection and application of appropriate methodology to yield meaningful results
- demonstrated the capacity to evaluate critically these results
- presented a clear and well written thesis.

International students will undertake the mixed research and coursework stream of the program. Normally the following Integrated Bridging Program-Research (IBP-R) courses will account for nine of the compulsory 15 units of coursework:

- Research Processes (3)
- Research Design (3)
- Research Communication (3).

Elective coursework units may be selected from among relevant master-by-coursework or honours courses approved by the school. Exemptions from individual course(s) may be granted following diagnostic testing at the start of the program. Where exemptions are granted, students will be required to undertake additional coursework in order to bring the total up to the required 15 units. Students granted an exemption from all three core courses may undertake the Master of Philosophy by 100% research if desired.

Master of Clinical Science

Course duration: 1-2 years full-time
Availability: Faculty of Health Sciences
Streams: Mixed coursework (33%) and research (67%); 100% research

As per the Master of Philosophy, international students will undertake the mixed research and coursework stream of the Master of Clinical Science program and are required to complete the core IBP-R courses, together with electives to the total of 15 units.

The aim of the degree is to train students in research methodologies and techniques associated with evidence-based health care and in the critical evaluation of evidence and research.

The degree is for clinicians with at least two years experience and an interest in conducting high quality systematic reviews and in the translation of evidence into action in health policy and clinical practice.

To be eligible for entry to the program, students must have a minimum of two years approved professional work experience, in addition to completing to a satisfactory standard one of the degrees of the University of Adelaide degrees listed below:

- a degree of Bachelor of Medicine and Bachelor of Surgery, or
- a degree of Bachelor of Nursing, or
- a degree of Bachelor of Dental Surgery, or
- a Bachelor degree in an appropriate field of study
- a relevant Master by Coursework degree
- a relevant Master by Research degree.

Qualifications from other institutions will also be accepted where the program of study undertaken and the academic standard reached are accepted as equivalent by the Research Education and Development Committee.
International applicants may submit the results of a suitable English language test which has been undertaken within two years of the date of application. The University’s preferred accredited English language tests are:

- IELTS (International English Language Testing System): Academic test
- TOEFL: internet-based and paper-based
- Pearson Test of English: Academic
- Cambridge English: Advanced (CAE)

International students whose English skills are just below the required standard may be eligible for entry into an intensive English language program, the Academic English–PEP pathway, which they will need to complete at the required level before being admitted to the University of Adelaide. The University can arrange an appropriate English language program in Adelaide at the English Language Centre.

**English Language Centre (ELC)**
The University of Adelaide, SA 5005 Australia
T: +61 8 8313 4777
F: +61 8 8313 4411
E: elc@adelaide.edu.au
W: adelaide.edu.au/elc

Applicants wishing to apply for a University of Adelaide scholarship must provide evidence that they meet the University’s English language requirements for direct entry to the degree program before the scholarship closing date. Students who intend to sit an appropriate English language test must ensure that their official test results are provided prior to the scholarship closing date. To be considered for a scholarship, applicants are not permitted to undertake the PEP as a way to meet the English language requirements.

For more information visit: adelaide.edu.au/study/postgraduate/research-degrees/requirements/english-language

---

### Minimum English language proficiency entry criteria

**For postgraduate research students commencing in 2017**

<table>
<thead>
<tr>
<th>Postgraduate research program</th>
<th>IELTS (Academic)</th>
<th>TOEFL</th>
<th>PTE (Academic)</th>
<th>CAE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>minimum scores</td>
<td>minimum scores</td>
<td>minimum scores</td>
<td>minimum score</td>
</tr>
</tbody>
</table>

#### General requirements

Applicable to all postgraduate research programs in:
- Faculty of Engineering, Computer and Mathematical Sciences
- Faculty of Sciences
- Faculty of the Professions (School of Economics and Global Food Studies)
- Faculty of Health Sciences (including Joanna Briggs Institute but excluding Nursing, Psychology and Public Health)

- Overall band score of 6.5
  AND
  - Minimum band scores 6.5 in writing and speaking
  - 6.0 in listening and reading

- Paper-based – total score of 575 with 4.5 in the TWE (Test of Written English)
  OR
  - Internet-based – total score of 79 with 24 in writing
  AND
  - 22 in speaking
  AND
  - 13 in listening and reading

- Overall score 65
  AND
  - Skills profile writing and speaking 65
  - Listening and reading 58

- Overall score 176
  AND
  - Individual scores 176 in writing and speaking
  - AND
  - 169 in listening and reading

#### Specific requirements

Applicable to all postgraduate research programs in:
- Faculty of Health Sciences (Nursing, Psychology and Public Health (excluding Joanna Briggs Institute))
- Faculty of Arts
- Faculty of the Professions (except for the School of Economics and Global Food Studies)

- Overall band score of 7.0
  AND
  - Minimum band scores 7.0 in writing and speaking
  - 6.5 in listening and reading

- Paper-based – total score of 600 with 5.0 in the TWE (Test of Written English)
  OR
  - Internet-based – total score of 94 with 27 in writing
  AND
  - 23 in speaking
  AND
  - 20 in listening and reading

- Overall score 73
  AND
  - Skills profile writing and speaking 73
  - Listening and reading 65

- Overall score 185
  AND
  - Individual scores 185 in writing and speaking
  - AND
  - 176 in listening and reading
Academic English - PEP pathway: Students who achieve an IELTS (or equivalent) overall band score of 6.0 with writing and speaking at 6.0 or above and no band score less than 5.0 are eligible for an Academic English - PEP pathway. The length of the PEP pathway program depends upon the English language proficiency test score. Once successfully completed, the Academic English—PEP pathway provides direct entry and students do not need to sit another English language test before entering the University program. For more information, including Academic English—PEP pathway dates and fees, visit: adelaide.edu.au/elc/courses/pathways/hdr6.5.html

Academic English - PEP pathway: Students who achieve an IELTS (or equivalent) overall band score of 6.5 with writing at 6.5 or above, speaking at 6.0 or above and no band score less than 5.5 are eligible for an Academic English - PEP pathway. The length of the PEP pathway program depends upon the English language proficiency test score and the English language proficiency level required for entry into the higher degree by research program.

*Once successfully completed, the Academic English—PEP pathway provides direct entry and students do not need to sit another English language proficiency test before entering the University program. For more information, including Academic English—PEP pathway dates and fees, visit: adelaide.edu.au/elc/courses/pathways/hdr7.0.html
The University of Adelaide offers several scholarship schemes for international students undertaking postgraduate research study in 2017.

Each year the University of Adelaide offers a number of scholarships to international students commencing postgraduate research. For more information on scholarships and how to apply, visit: adelaide.edu.au/graduatecentre/scholarships/research-international/

Applicants will be shortlisted and considered for international research scholarships when all of the eligibility criteria are met. Please refer to the website for the most up-to-date information: adelaide.edu.au/graduatecentre/scholarships/research-international/eligibility/

Selection for scholarships is extremely competitive. Recent successful applicants for research scholarships have usually completed a research masters or a coursework masters with a substantial research component, outstanding academic performance at an internationally recognised university, publications in internationally refereed journals and relevant work or research experience. The few applicants who win a scholarship directly out of undergraduate studies have exceptional academic results, high quality international publications and outstanding references.

**Internal scholarship opportunities**

**University of Adelaide scholarship rounds**

adelaide.edu.au/graduatecentre/admission/application-rounds/international/

Applicants submitting during an application round will be considered for selection of the scholarships available in the round for which they are eligible. This is the most effective way to maximise the chances of obtaining a scholarship, as applicants will be considered for every available scholarship for which they are eligible.

**International Postgraduate Research Scholarships (IPRS)**

education.gov.au/international-postgraduate-research-scholarships or adelaide.edu.au/graduatecentre/scholarships/research-international/oppportunities/

International Postgraduate Research Scholarships (IPRS) are available to outstanding international applicants from any country who have an Australian First Class Honours result or equivalent, to support their study towards a Higher Degree by Research in areas of University research strength: adelaide.edu.au/research/our-research/strengths

IPRS are allocated within the scholarship rounds.

**Adelaide Scholarships International (ASI)**

adelaide.edu.au/graduatecentre/scholarships/research-international/opportunities/

Adelaide Scholarships International are available to outstanding international applicants from any country who have an Australian First Class Honours result or equivalent, to support their study towards a Higher Degree by Research in any field of study. ASI are allocated within the scholarship rounds.

**Beacon of Enlightenment PhD Scholarships**

adelaide.edu.au/graduatecentre/scholarships/research-international/beacon-scholarships/

The University of Adelaide’s strategic plan, The Beacon of Enlightenment 2013-2023 outlines an initiative to double the number
of scholarships available to International doctoral students. Unlike our existing international higher degree by research scholarships which are open to the wider international community, these new scholarships will target the University’s international partner institutions. The University reserves the right to offer these scholarships by invitation, but applicants who wish to be considered should apply through the normal international application process.

Adelaide Graduate Research Scholarships (AGRS)
adelaide.edu.au/graduatecentre/scholarships/research-international/opportunities/

At the end of each semester the University of Adelaide offers a number of Adelaide Graduate Research Scholarships exclusively to recent international University of Adelaide graduates to continue their education via a masters or doctorate degree by research.

Full fee Scholarships (by nomination only)
adelaide.edu.au/graduatecentre/scholarships/research-international/opportunities/full-fee-scholarships/
The University may award Full fee Scholarships to outstanding international students from any country to undertake postgraduate research. Benefits are payment of full tuition fees for two years for a masters degree by research and three years for a doctoral research degree (an extension is possible for doctoral programs only). No other allowances are provided.

Full fee scholarships will ONLY be allocated to international students who have been previously awarded a stipend by the host School, Faculty, or Research Institute. Full fee scholarships will not be awarded to individual ‘privately sponsored students’ nor will they be granted to students supported by stipends provided to a sole individual without a formal agreement between the University and the Sponsor. This requirement shall not apply to students nominated in grant applications made to recognised funding bodies where a formal application is subject to peer review. Students in receipt of overseas government funding will be deemed ineligible for a fee waiver unless a Memorandum of Understanding exists between the University and the Sponsor to cover such awards.

Applicants must also meet the minimum English Language Proficiency requirements for direct entry to their academic program, hold at least the equivalent of an Australian First Class Honours degree, and rank competitively against successful applicants in the current International Scholarship Order of Merit list.

Students are encouraged to investigate whether there are such scholarship opportunities in their country.

China Scholarship Council: University of Adelaide Joint Postgraduate Scholarships program
adelaide.edu.au/graduatecentre/scholarships/research-international/china-scholarship/
The China Scholarship Council (CSC) and The University of Adelaide are jointly offering postgraduate research scholarships to students from the People’s Republic of China to undertake a postgraduate research degree at the University of Adelaide.

The University of Adelaide will waive full tuition fees for selected students and the CSC will consider the applications of these students for a living allowance as prescribed from time-to-time by the Chinese Government, a return airfare to Australia by the most economical route, and visa application fees.

Scholarships under this program will be up to four years, subject to satisfactory academic progress. Note: this information is correct at the time of publishing, but the University reserves the right to make changes as necessary at any time. The number of scholarships awarded will depend on the quality of the candidates.

External scholarship opportunities

Endeavour Postgraduate Awards (for international applicants)
internationaleducation.gov.au/Endeavour%20program/Scholarships-and-Fellowships/Pages/default.aspx

The Endeavour Awards comprise the Australian Government’s internationally competitive, merit-based scholarship program providing opportunities to undertake study, research and professional development in Australia.

The Endeavour Awards aim to:

> develop ongoing educational, research and professional linkages between individuals, organisations and countries
> provide opportunities for high-achieving individuals from Australia and overseas to increase their skills and enhance their global awareness
> contribute to Australia’s position as a high quality education and training provider, and a leader in research and innovation
> increase the productivity of Australians through an international study, research or professional development experience.

Information and application instructions are on the Australia Awards website.

Australia Awards Scholarships (AAS)
australiawaards.gov.au

The University of Adelaide has contracted with the Department of Foreign Affairs and Trade (DFAT) to provide education services to AAS holders. The purpose of Australia Awards Scholarships is to provide educational, research and professional development opportunities to support growth in partner countries and to build enduring links at the individual, institutional and country levels.

Australia Awards Scholarships cover tuition fees, living costs, airfares and other expenses.

Applications for Australia Awards Scholarships must be made directly to the AAS office in the home country.

Scholarships from home governments or universities

A number of overseas governments or universities sponsor their citizens to undertake research degrees at Australian universities. Sometimes this is under an agreement with the University of Adelaide, with the sponsor paying the tuition fees and a student living allowance. Examples are Indonesia, Malaysia and Vietnam.

There are many other sponsored students at the University of Adelaide, often without a formal agreement with the University.

Students are encouraged to investigate whether there are such scholarship opportunities in their country.
Money matters

International applicants need to consider a range of financial issues, including the cost of living, health insurance and tuition fees, before applying to the University.

Planning a budget

Adelaide is one of Australia’s most affordable cities, with average weekly expenses lower than Sydney, Melbourne, Perth and Brisbane*. Accommodation is the largest variable expense. It can cost anywhere from around AUD$135 per week for shared private accommodation outside the city centre, to AUD$270 for University-managed accommodation within the city centre, or AUD$385 for private sole-occupancy accommodation. There can be large costs associated with setting up private accommodation, as most private rental houses and apartments are rented unfurnished.

*Source: Economist Intelligence Unit, 2015

Tuition fees

International students are required to pay tuition fees which are dependent on the program of enrolment and cover the cost of teaching as well as many student support services. The annual tuition fee quoted in this prospectus is based on the standard fulltime enrolment load of 24 units per year or 12 units per semester. The quoted fee is a base fee that may be subject to a discretionary annual increase for each of the subsequent years in the program. Each student will be advised of their appropriate fee schedule in the offer of admission to the University. When accepting an offer of admission, new international students are required to pay a specified tuition fee deposit, which will be credited towards tuition fees in the first enrolment period. After enrolment, students or sponsors will receive an invoice for the balance of the fees due for that period. The University invoices students (or their sponsor) each enrolment period according to the enrolment load.

Study-related costs

All students should allow at least AUD$500 per year for textbooks and basic study materials. Depending on the program, other costs may include specialist equipment (e.g. laboratory coats, microscopes, stethoscopes), optional supplementary reading and academic program materials, field trips, and expenses such as thesis preparation, printing and binding.

Refund policy

All applicants must read the policy on refunds and adjustments before accepting an offer of admission to the University of Adelaide. The policy complies with all of the requirements for tuition fee refunds stipulated in the Education Services for Overseas Students (ESOS) Act 2000, associated Australian Government regulations, and the ESOS National Code of Practice (2007). Policy details can be viewed at: adelaide.edu.au/student/finance/refunds/

Health and medical

International students and their dependents are required to have health insurance in Australia through the Overseas Student Health Cover (OSHC) scheme. The University’s preferred provider of OSHC is Allianz Global Assistance: oshcallianzassistance.com.au/?AgentID=238236

The Department of Immigration and Border Protection requires all student visa holders to have OSHC for the duration of their visa at the time of admission.

For additional information, refer: international.adelaide.edu.au/life/visas/healthoshc/

Based on 2016 premiums, 12 months of OSHC Essentials cover is AUD $594 for a single student. A dual family policy is AUD$1,643, and a multi-family policy is AUD$2,396. Visa length varies and is slightly longer than the length of a student’s program.

OSHC covers up to 100% of the scheduled fee for most medical services and 100% of the scheduled fees in hospitals and emergency ambulance. Students may consider taking out additional insurance for extras such as dental work, physiotherapy and optometry.

Students with families

Students who bring their families with them to Australia will need to take into account additional costs associated with health cover, housing, food, transport, childcare and educational expenses.

For information and advice for international students with families, visit international.adelaide.edu.au/life and enter ‘family’ in the ‘Find what you’re looking for’ search box.

School fees for dependents of international students

School attendance is compulsory for all children aged six to 15 years of age, with most children starting school at five. Children may attend government-operated schools or independent schools.

All schooling services attract a fee and international students will need to pay fees for their children to attend public schools. At the time of printing, the fees for government operated schools were AUD$4,700 per year for primary school (Reception to Year 7) and AUD$5,600 per year for secondary school (Years 8 to 12). These fees include intensive English language development and support if required.

A registration fee is charged per family. This is currently AUD$600 in the first year and AUD$300 in subsequent years.
International research students (PhD and masters by research) in receipt of a South Australian government-endorsed scholarship for tuition fees (including scholarships from public universities and statutory bodies and multilateral agencies) are eligible for a waiver of tuition and administration fees for their children’s public schooling.

For details visit: internationalstudents.sa.edu.au and select Children of International Tertiary Students from the menu.

Part-time work

Many international students and their dependents hope to obtain part-time work to supplement funds for living costs. It may be possible to secure employment; however, we advise that students should not rely on part-time work for essential expenses, as obtaining a job is not guaranteed and can take time.

Students should also be aware that the workload for many programs is intense and students may not have the time to hold employment as well as study full-time.

Under current visa regulations students have the right to work after studies in Australia have commenced. The Department of Immigration allows 574 visa holders to work unlimited hours once their higher degree by research course has started. However, it is important to note that for students on University of Adelaide administered scholarships, employment can only be undertaken with the approval of the Head of Department and should not exceed eight hours per week on a regular basis during normal working hours (Monday to Friday, 9:00 am to 5:00 pm). Outside of normal working hours there is no limit on the amount of time that a student can work. However the Head of the Department in which a student is enrolled will be responsible for ensuring that excessive part-time employment is not undertaken to the detriment of the award holder’s study program. Students will be expected to maintain an appropriate level of contact hours in accordance with a full-time enrolment.

The Australian Government imposes certain restrictions on the employment of dependents or spouses of people holding student visas. For more information on working while studying, visit: border.gov.au/Trav/Stud/More then select Work conditions for Student visa holders from the menu.

Study-related costs

This should be viewed as a guide only for a single student. Costs can vary significantly from one student to another. These are basic living costs at the time of publication and do not include program tuition fees, costs for textbooks, other study-related needs, running a car, medical expenses, or any luxuries.

Before arrival

<table>
<thead>
<tr>
<th>Expense</th>
<th>Cost (AUD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition fee deposit (as specified in offer)</td>
<td>AUD $9,000</td>
</tr>
<tr>
<td>Overseas Student Health Cover*</td>
<td>AUD $594–$2,396</td>
</tr>
<tr>
<td>Economy air travel</td>
<td>AUD $1,200–$1,800</td>
</tr>
<tr>
<td>Visa application charge</td>
<td>AUD $55</td>
</tr>
<tr>
<td>Medical examination for visa application#</td>
<td>AUD $430</td>
</tr>
<tr>
<td>Refundable deposit for University-managed rental accommodation (if applicable)</td>
<td>AUD $500</td>
</tr>
</tbody>
</table>

After arrival

<table>
<thead>
<tr>
<th>Expense</th>
<th>Cost (AUD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rent in advance</td>
<td>2 weeks</td>
</tr>
<tr>
<td>Household set-up (linen, groceries, etc)</td>
<td>AUD $500</td>
</tr>
<tr>
<td>Remainder of tuition fee</td>
<td>Refer to offer letter</td>
</tr>
<tr>
<td>Private accommodation options only</td>
<td></td>
</tr>
<tr>
<td>Refundable accommodation bond</td>
<td>4-6 weeks’ rent</td>
</tr>
<tr>
<td>Electricity and gas connection</td>
<td>AUD $38–$72</td>
</tr>
<tr>
<td>Landline telephone connection</td>
<td>AUD $59–$299</td>
</tr>
<tr>
<td>Furniture and household goods</td>
<td>AUD $1,000+</td>
</tr>
</tbody>
</table>

Average weekly living expenses (source: Study Adelaide)

<table>
<thead>
<tr>
<th>Expense</th>
<th>Cost (AUD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodation</td>
<td>AUD $135–$385</td>
</tr>
<tr>
<td>Groceries</td>
<td>AUD $90–$130</td>
</tr>
<tr>
<td>Gas/electricity</td>
<td>AUD $35–$60</td>
</tr>
<tr>
<td>Transport (student concession rates)</td>
<td>AUD $20–$40</td>
</tr>
<tr>
<td>Telephone/postage</td>
<td>AUD $20–$60</td>
</tr>
<tr>
<td>Others (e.g. clothing, entertainment)</td>
<td>AUD $50+</td>
</tr>
<tr>
<td><strong>Total weekly expenses</strong></td>
<td><strong>AUD $350–$725</strong></td>
</tr>
</tbody>
</table>

* The Department of Immigration and Border Protection requires all students to have health insurance for the duration of their visa. Visa length varies and is slightly longer than the length of a student’s program.

# Approximate cost for standard examination only. Additional costs may be incurred if more comprehensive medical exams are required.
North Terrace campus

The University's main campus on North Terrace is renowned for its historic architecture and lively atmosphere. Located within Adelaide’s central business and shopping district, the campus is adjacent to landmarks such as the State Library, Festival Centre, South Australian Museum, Art Gallery of South Australia, Adelaide Zoo, and Botanic Gardens. Our 27,000 students have easy access to the North Terrace campus, which is a five-minute walk from the closest tram and bus stops and a 10-minute walk from Adelaide train station.

Roseworthy campus

Roseworthy is a 1,600-hectare campus in a rural setting 55 kilometres north of Adelaide and only 10 kilometres from the town of Gawler (population 19,000). Renowned as Australia’s first agricultural teaching and research centre, the campus specialises in dry-land agriculture, animal science and is the first veterinary science school in South Australia. Roseworthy services include student accommodation, a tavern, swimming pool and fitness centre, and access to the campus is available via a North Terrace-Roseworthy shuttle bus service.
Waite campus

The Waite campus is eight kilometres south of the city centre and features a ‘super’ greenhouse known as the Plant Accelerator. Other research areas include plant biotechnology, plant breeding, sustainable agriculture, wine, horticulture and land management. Waite’s students have access to facilities such as a field trials plot, vineyard, winery, orchard and arboretum, and campus services include a childcare centre, gym and sporting facilities. Access to the campus is via public transport and a Waite-North Terrace shuttle bus service.

Thebarton campus

Situated four kilometres west of Adelaide city centre, Thebarton campus is a research and development park that stimulates interaction between the University and Australian business and industry. The campus hosts a number of applied research activities in mechanical engineering, physical sciences, electronic engineering, chemical engineering and occupational health. Commercial enterprises include materials engineering, biotechnology, environmental services, information technology, industrial design, laser/optics technology, health products, engineering services, radar systems and telecommunications.

Ngee Ann – Adelaide Education Centre, Singapore

The Ngee Ann – Adelaide Education Centre, located in Tank Road’s Teochew Building, offers a growing number of postgraduate and undergraduate coursework programs. Modern facilities include multimedia-equipped lecture rooms, a student computer network, a computer laboratory, a student lounge and private study rooms. For more information, visit: naa.edu.sg
Hub Central

The most dynamic student learning space in Australia.

The most dynamic student learning space in Australia, Hub Central is the student heart of the North Terrace campus and an inspirational place for students to meet, study, make social connections and exchange ideas. Offering a spacious learning environment in which students may study at their own pace (either in groups or individually), the primary goal of the Hub is to provide students with the best on-campus experience in Australia. Covering 10,500 square metres over three levels, the Hub delivers state-of-the-art facilities for students.

For more information on Hub Central, visit: adelaide.edu.au/hub-central
Faculties and schools

Faculty of Arts
> Elder Conservatorium of Music
> School of Humanities including the disciplines of: Art History, Classics, Archaeology and Ancient History, English and Creative Writing, French Studies, German Studies, History, Linguistics, Media, Philosophy and Spanish Studies.
> School of Social Sciences including the disciplines of: Anthropology and Development Studies, Asian Studies, Geography, Environment and Population, Gender Studies and Social Analysis, Politics and International Studies
> School of Education

Faculty of Engineering, Computer and Mathematical Sciences
> Australian School of Petroleum
> School of Chemical Engineering
> School of Civil, Environmental and Mining Engineering
> School of Computer Science
> School of Electrical and Electronic Engineering
> School of Mathematical Sciences
> School of Mechanical Engineering

Faculty of Health Sciences
> School of Dentistry
> School of Medicine
> School of Nursing
> School of Public Health
> School of Psychology

Faculty of the Professions
> Adelaide Business School
> Adelaide Law School
> School of Architecture and Built Environment
> School of Economics

Faculty of Sciences
> School of Agriculture, Food and Wine
> School of Animal and Veterinary Sciences
> School of Biological Sciences
> School of Physical Sciences
Support services

To be successful, tertiary students need access to high quality academic, administrative and support services.

The University of Adelaide is especially committed to making time as a student enjoyable and productive, and prides itself on its wide range of high quality support services for international students.

From the moment students arrive, there are support structures in place to make them feel welcome and help them settle in easily. We have a large population of international students from all over the world. Our social and academic environment provides a great way to meet fellow countrymen and women, and to make lifelong friends with students from other countries. The University of Adelaide’s programs and staff are of a high quality and our facilities are designed to make studying as easy as possible.

International student services include:

- International Student Centre
- Language and Cultural Exchange Program
- Social activities and workshops
- Waite and Roseworthy student support
- Support for students with partners and families
- Student visa information
- Overseas Student Health Cover information and assistance
- Information about health services and health insurance
- University Health clinic
- Academic support
- Counselling Service
- Student Care—welfare, support and advocacy
- Disability Service
- Careers Service.
International student support
international.adelaide.edu.au/life

The International Student Centre provides ongoing support to international students. It works closely with student groups, faculties and University administration to ensure the experience of all international students is a positive and successful one. Services offered include:

- preparation of pre-departure information
- orientation for new international students
- assistance with student visa matters including visa extensions and meeting compliance requirements
- ongoing support by International Student Advisers
- information on Overseas Student Health Cover (OSHC)
- support for students finishing study or returning home
- Peer Mentor Program
- Language and Cultural Exchange Program
- Talking with Aussies: an English conversation program
- Experience Adelaide: connecting local alumni families with new international students
- social activities and workshops
- students’ newsletter and blog.

International Student Centre (ISC)
Old Classics Wing
T: +61 8 8313 4828
F: +61 8 8313 4352
E: isc@adelaide.edu.au

Students with partners and families
international.adelaide.edu.au/life/studying/children/

The International Student Centre understands that there are additional pressures and requirements for students with families as they prepare for their time at the University of Adelaide. There are International Student Advisors in the ISC who can provide students with ongoing information, advice and individual assistance. We encourage students with families to contact us at: isc@adelaide.edu.au or visit us in person at the ISC.

The ISC provides information for international students with partners and children, including key information about health, child care, schooling, leisure activities for children, and public services in Australia.

Childcare
adelaide.edu.au/childcare

Government accredited, community-operated childcare centres are located at the North Terrace and Waite campuses. Full-time, part-time, and occasional care is provided. The centres are open Monday to Friday. Fees apply. Note: there are often waiting lists for University childcare centres.

Counselling
adelaide.edu.au/counselling_centre

The Counselling Service provides professional counselling for students in relation to issues impacting on their ability to study. Counselling is confidential and free of charge.

The Counselling Service also provides self-help resources and runs information sessions on a range of issues including stress management, exam anxiety and meditation.

Health
adelaide.edu.au/student/health

Doctors are available at University Health on the North Terrace campus. Services include health checks, immunisations and vaccinations, drug and alcohol counselling, women’s health, sports medicine, skin care, travel medicine and psychotherapy.

Both female and male doctors are available and consultations are usually covered by Overseas Student Health Cover (OSHC). Appointments can be made online.

Maths Learning Centre (MLC)
adelaide.edu.au/mathslarning

The Maths Learning Centre exists to help all students develop the skills they need to learn and use the maths involved in their courses, including statistics. The MLC provides bridging courses, seminars, workshops and online resources, as well as a drop-in service where students can visit without an appointment for one-on-one assistance with their mathematics/statistics.

Writing Centre
adelaide.edu.au/writingcentre

The Writing Centre presents seminars to advance students academic skills, focusing on reading and research skills, presenting tutorials and seminars, essay writing and report writing. A conversational language support program and weekly tutorials are provided for students who have English as an additional language, and learning guides are also available to help all students develop their skills.

Library
adelaide.edu.au/library

With over 2.2 million items and adding more than 30,000 new items annually in print and electronic e-journals, the Library is well placed to support learning, teaching and research at the University of Adelaide. Substantial research-depth collections include the health sciences, biological sciences, physical sciences, environmental sciences and social sciences. Electronic resources, such as databases, full-text journals and e-books can be accessed 24 hours a day and are searchable, discoverable and accessible via a ‘one-box’ search tool (Summon).

Conveniently located right next to Hub Central, the Library offers wireless network access for laptops and other mobile devices, study areas for quiet individual study, student computers, printing and copying/scanning, and an inter-library loan and document delivery service. In addition, specialist librarians provide assistance in searching and accessing scholarly information and using the Library.
The University understands that accommodation plays an important part in building a solid foundation for academic success.

The University recommends that students adopt the RECAS approach to identifying an accommodation option to suit their individual needs and support a positive educational experience. 

R esearch all available accommodation options
E stablish a realistic budget
C onsider the value of managed student accommodation
A void extended temporary accommodation
S eek assistance from the University Accommodation Service

Students unfamiliar with Adelaide are encouraged to consider living in managed student accommodation during their first year of university. Managed student accommodation provides new students with the opportunity to become better acquainted with the city, settle into their academic program and make new friends, without having to worry about the challenges of the private rental market.

University of Adelaide students benefit from the advantages that come from choosing to study in a city where accommodation of all types, including university-managed accommodation, is not only accessible but more affordable than in other Australian cities.

Long-term student accommodation

adelaide.edu.au/accommodation

The University assists international students to obtain suitable longer-term housing. Students may choose any of the following options.

The University of Adelaide Village

The University of Adelaide Village is the largest of the University’s student accommodation properties and is home to over 400 students. Students living at the Village experience the safety and security of having access to University staff on-site, 24 hours a day, seven days a week. All students need to bring are their personal belongings; furniture, kitchen appliances, utilities (including electricity), phone and wireless internet are included in the accommodation fees. The only additional costs are for meals (students must cook and clean for themselves) and the on-site, coin-operated laundry facilities.
Residential colleges

Five residential colleges are affiliated with the University: Aquinas, Lincoln, St Ann’s and St Mark’s colleges, which are primarily for undergraduate students, and Kathleen Lumley College which is suited to postgraduate and mature-age students. These colleges are situated in North Adelaide, within easy walking distance of the main North Terrace campus. A residential college is also located at Roseworthy, one hour’s drive north of the city, for students whose study is based at the Roseworthy campus.

Most college rooms are single study bedrooms. All colleges are co-educational, with shared bathrooms. The colleges generally provide three meals per day—no individual cooking facilities are available.

Commercial student accommodation

Commercial student accommodation refers to purpose-built student accommodation facilities, situated off-campus and managed by private management companies. These facilities offer fully-furnished, self-contained apartments that provide students with the flexibility to live alone or share with others in a student community. Some room types in commercial student accommodation are offered specifically to couples.

In addition to rent, students may need to budget for additional expenses, including:

- gas
- electricity
- telephone connection (optional)
- Internet connection (optional).

Places in commercial student accommodation facilities are offered on a 6 or 12-month fixed-term lease agreement. It is important to note that these facilities are not directly affiliated with the University of Adelaide and students are advised to inspect them before securing accommodation in a commercial student accommodation facility.

Private rental and share accommodation

The University of Adelaide Accommodation Service understands that affordable (share) accommodation can be found in the private rental market, which is why the University offers a rental database (adelaide.edu.au/accommodation) for the exclusive use of University of Adelaide students.

The rental database can be accessed from the Accommodation Service, Level 4, Union House, North Terrace campus by enrolled students of the University of Adelaide with a user name and password. The database is only promoted among the University community, which means that most of the listings are being offered by people who are affiliated with the University and would like to share their room/property with a University of Adelaide student.

Students who want to find share or rental accommodation when they arrive in Adelaide are encouraged to book temporary accommodation in the first instance. Once in Adelaide, students should visit the Accommodation Service for information on all available options, access to the rental database and support during the process of identifying and securing quality share or rental accommodation.

Students are discouraged from sending money from offshore to secure share or rental accommodation without having had the opportunity to inspect accommodation first.

Accommodation for families

Students accompanied by family members will find that private rental accommodation in houses or apartments is the most suitable accommodation option. It is easier for an individual student to initially travel to Adelaide on their own in order to arrange suitable permanent family accommodation. Spouses and children who arrive later can then move directly into permanent accommodation without requiring temporary arrangements.

Arrival reception and temporary accommodation

Temporary accommodation and arrival reception services are available to commencing international students. Eligible students can book an arrival reception service and be met by a University representative at Adelaide airport, via a domestic or international flight. Students will then be transported to their accommodation.

Eligible students who choose not to secure long-term managed student accommodation for their arrival in Adelaide may also be eligible for seven nights of temporary accommodation booked through the University.

It is important to note that temporary accommodation options arranged through the University are unlikely to be extended further than a period of seven nights due to high demand for short-term accommodation during the traditional student intake periods.

For more information on eligibility criteria and arrival reception and temporary accommodation services, please contact:

Accommodation Service
The University of Adelaide SA 5005 Australia
Opening hours: Mon to Fri, 9am–5pm
Telephone: +61 8 8313 5220
Fax: +61 8 8313 3338
Email: accommodation@adelaide.edu.au
Web: adelaide.edu.au/accommodation
Skype: uoaaccommodation

Long-term student accommodation options

This table matches long-term student accommodation options to your individual needs, enhancing your education experience.

<table>
<thead>
<tr>
<th>Accommodation types</th>
<th>Accommodation options</th>
<th>Student profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>University residential environments</td>
<td>University-managed student accommodation</td>
<td>New students to the University, without a local support network, looking to establish a solid foundation to ongoing academic success with direct access to University learning and student support services within their residential environment.</td>
</tr>
<tr>
<td></td>
<td>Residential colleges</td>
<td></td>
</tr>
<tr>
<td>Commercial student accommodation</td>
<td>Urbanest</td>
<td>Students looking for the convenience and comfort of packaged accommodation in a student residential environment.</td>
</tr>
<tr>
<td>Independent living</td>
<td>Share/rental accommodation</td>
<td>Students with the skills and experience to enter into tenancy arrangements and pursue an independent lifestyle.</td>
</tr>
</tbody>
</table>

For more information on accommodation, visit: adelaide.edu.au/accommodation
Why you will love Adelaide

With all the advantages of a major city but few of the inconveniences, Adelaide offers an enviable lifestyle in an environment that is ideal for study.

Precision planning
Adelaide rises from the middle of a tree-covered plain, between rolling hills to the east and 22 kilometres of white sandy beaches to the west. When Colonel Light founded Adelaide in 1836, he had a simple plan: a one-square-mile city centre and lots of open space. He laid out the streets in a grid, surrounded by a ring of what are now state heritage-listed parklands.

Australia’s most affordable mainland city
Recent research by the National Centre for Social and Economic Modelling shows that Adelaide is one of the most affordable cities in Australia. Adelaide’s affordable cost of living makes it an ideal choice for those who want to enjoy a city life on a budget.

It is consistently shown to be one of the cheapest cities in Australia for students to live in. The cost of living in Adelaide is up to 19% less than Sydney and Melbourne and 4% less than Perth and Brisbane.

A truly liveable city
Adelaide is a safe and relaxed place to live. It is regularly ranked one of the most liveable cities in the world. In The Economist Intelligence Unit’s 2015 Liveability Survey, Adelaide was ranked as the 5th most liveable city in the world.

Culturally diverse
South Australians hail from over 120 different countries, creating a wonderful mix of cultures and influences. One in five South Australians was born overseas—half in countries where English is not the dominant language—so they are well rehearsed at welcoming newcomers into their multicultural mix.

Thriving industry
The state of South Australia boasts a stable economy and a low unemployment rate, with a broad base of thriving industries, including agriculture, wine, information and communications technology, defence, biosciences, health, tourism and the arts.

Being an international student in Adelaide:
studyadelaide.com
Tourism and holidays in South Australia:
southaustralia.com
Doing business in South Australia:
southaustralia.biz
## General information

<table>
<thead>
<tr>
<th>Area</th>
<th>985,335km²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital</td>
<td>Adelaide</td>
</tr>
<tr>
<td>Coastline</td>
<td>4,800km (with over 100 islands)</td>
</tr>
<tr>
<td>Population</td>
<td>Adelaide – 1.3 million; South Australia – 1.7 million</td>
</tr>
<tr>
<td>Official language</td>
<td>English</td>
</tr>
<tr>
<td>Currency</td>
<td>Australian dollar (AUD)</td>
</tr>
<tr>
<td>Economy</td>
<td>Major industries include bioscience, defence, minerals and energy and wine.</td>
</tr>
</tbody>
</table>

## Climate

South Australia offers warm, dry summers and short, mild winters with over 300 days of sunshine per year.

<table>
<thead>
<tr>
<th>Season</th>
<th>Months</th>
<th>Conditions</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>December - February</td>
<td>Mainly hot/dry</td>
<td>25°C - 35°C</td>
</tr>
<tr>
<td>Autumn</td>
<td>March - May</td>
<td>Mainly dry</td>
<td>20°C - 25°C</td>
</tr>
<tr>
<td>Winter</td>
<td>June - August</td>
<td>Cool and wet</td>
<td>10°C - 15°C</td>
</tr>
<tr>
<td>Spring</td>
<td>September - November</td>
<td>Some rain</td>
<td>20°C - 25°C</td>
</tr>
</tbody>
</table>

## Duration of flight hours to Adelaide

- **Melbourne**: 0.5 hours
- **Sydney**: 1.5 hours
- **Brisbane**: 2.5 hours
- **Perth**: 3.5 hours
- **Auckland**: 4 hours
- **Denpasar**: 5 hours
- **Singapore**: 6 hours
- **Kuala Lumpur**: 7 hours
- **Hong Kong**: 8 hours
- **Dubai**: 9 hours

Why you will love Adelaide
Vibrant city living

Adelaide is a great city for international students to live and study in. It has a bustling and energetic city centre and is renowned for its festivals, cultural life and sporting events. With great shopping, beaches, a café culture, affordable student accommodation and friendly residents, Adelaide offers a relaxed lifestyle with all the convenience of city living.

Live centrally

Student accommodation is more affordable in Adelaide than in other cities in Australia and much of it is in the heart of the city, meaning plenty of students simply walk to their lectures. Adelaide Metro (trains, buses and trams) operates throughout the city and suburbs and Adelaide offers exactly the same public transport discounts for international students as it does for local students.

Shopping

Adelaide boasts a range of shopping experiences comparable to anywhere in Australia. Rundle Mall has the biggest concentration of department and chain stores, while Rundle Street is known for its trendy boutiques, pubs and cafés.
Café culture

Adelaide is one of Australia’s most cosmopolitan cities, with an array of cafés, restaurants and shops reflecting the diversity of its ethnic communities. Adelaide is reputed to have more cafés and restaurants per head of population than any other city in Australia.

Easy to get around

Adelaide is a busy and vibrant city, but unlike some larger cities getting around is quick and easy. The city is easy to navigate, thanks to its broad boulevards and public transport network which offers the same discounts for international students as it does for local students.

Hit the beach

Adelaide is a coastal city where pristine white sandy beaches become the focus of relaxation and recreation in the summer. It takes just 20 minutes on the tram to get from the city centre to the beach.
Festival fever

South Australia is known as the festival state of Australia because of the large number of national and international cultural and sporting festivals it hosts each year.

<table>
<thead>
<tr>
<th>Adelaide events 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>January</strong></td>
</tr>
<tr>
<td>• Tour Down Under</td>
</tr>
<tr>
<td>• World Tennis Challenge</td>
</tr>
<tr>
<td><strong>March</strong></td>
</tr>
<tr>
<td>• Clipsal 500 V8 Supercar Championship</td>
</tr>
<tr>
<td><strong>April</strong></td>
</tr>
<tr>
<td>• Oakbank Racing Carnival</td>
</tr>
<tr>
<td><strong>May</strong></td>
</tr>
<tr>
<td>• World Hapkido Championships</td>
</tr>
<tr>
<td>• Barossa Vintage Festival</td>
</tr>
<tr>
<td><strong>October</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>November</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>December</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Why you will love Adelaide
Adelaide Fringe Festival
adelaidefringe.com.au
Second in size only to the Edinburgh Festival in Scotland, the Adelaide Fringe Festival takes over the city for three weeks every year. Hundreds of thousands of people attend special free events in the CBD and artists and audiences travel from around the world to experience the unique summer fun of Adelaide Fringe.

Adelaide Festival
adelaidefestival.com.au
Adelaide Festival is an internationally renowned multi-arts festival with a long and successful history. With a reputation for bold and adventurous programming and located in a city of perfect size, setting and climate, the Adelaide Festival holds a unique place in the Australian creative landscape.

WOMADelaide
womadelaide.com.au
WOMADelaide is a four-day world music, arts and dance festival hosted in the beautiful Adelaide parklands. The program features performances and workshops on seven stages by some of the world’s best musicians, dancers and DJs, alongside street theatre artists and visual artists.

Tour Down Under
tourdownunder.com.au
The Tour Down Under is an international world-class cycling race that passes through Adelaide and the surrounding area. Held in January, it’s a week-long festival of cycling and entertainment that attracts some of the biggest names in world road cycling.

OzAsia Festival
ozasianestival.com.au
Held in October each year, the OzAsia Festival celebrates the artistic and cultural ties between Australia and the Asia-Pacific region. It includes theatre, dance, music, film, visual arts, and the impressive Moon Lantern Festival, when hundreds of beautiful lanterns are floated down the River Torrens.

Moonlight Cinema
moonlight.com.au
The Moonlight Cinema offers movie magic under the stars and within the beautiful surrounds of Adelaide’s Botanic Park. From December until February, a combination of classic films and the latest releases are screened. Moviegoers can create the ultimate outdoor cinema experience by taking along a picnic and drinks to enjoy while watching the film.

For more information on festival events, visit: festivalsadelaide.com.au
As a PhD candidate, the University of Adelaide provides a wonderful environment with which to conduct research. I am supported with resources, services and a community of academics and peers across a range of disciplines within the Faculty of Arts.
The Faculty of Arts has an impressive research reputation across a wide range of fields, organised in four schools. Our focus on excellence in teaching, learning and research produces graduates with the skills and knowledge to make a difference in society. A postgraduate qualification from the University of Adelaide is highly regarded and internationally recognised, and includes components focused on career preparation. Postgraduate students in Arts learn in an environment that fosters excellence, provides access to unique support services and encourages creativity.

**Research areas**
Research undertaken by the Faculty is independently ranked by the Excellence in Research for Australia (ERA) initiative. In 2015, our research was ranked in ERA as at, above, or well above world standard in:

- Anthropology
- Demography
- Historical studies
- Human geography
- Literary studies
- Performing arts and creative writing
- Philosophy
- Political science
- Sociology

Other areas of Faculty strength include:
- Gender studies
- Media
- Revival linguistics and endangered languages.

**Research centres**
The Faculty’s commitment to fostering excellent and ground-breaking research and research training is evident in the following research centres housed within the Faculty:

- ARC Centre of Excellence for the History of Emotions
- Australian Population and Migration Research Centre
- Centre for Coastal Research
- Centre for Housing, Urban and Regional Planning
- Fay Gale Centre for Research on Gender
- The Indo-Pacific Governance Research Centre
- J.M. Coetzee Centre for Creative Practice

**Executive Dean**
Professor Jennie Shaw

**Associate Dean (Research)**
Professor Rachel A. Ankeny

**Director of Graduate Studies**
Dr Natalie Edwards

E: arts@adelaide.edu.au
W: arts.adelaide.edu.au

---

**Education**

**Reasons to conduct research in Education at the University of Adelaide**

1. Strong nexus between research, teaching and learning
2. Research engagement based on national priorities and international trends
3. Dedicated to research that values knowledge generation, critical thinking and community building for current and future generations of learners

The School of Education has a history of over 120 years of educational research and teacher education in South Australia. We have particular research strengths in higher education, teacher education and research training, and provide innovative learning experiences for students and professional teachers, trainers and educational consultants who are developing their expertise in this national priority area.

Our staff contribute to knowledge building in the local and international community across a diverse range of expertise, including: curriculum development, learning and assessment, educational psychology, Indigenous studies, higher education, training, development and leadership, workplace learning, online learning pedagogy and assessment, ESL and language teaching and cultural diversity.

**Research areas**

- Measurement and evaluation
- Curriculum, teaching and learning
- History of education
- Languages education
- Science and mathematics education
- Education, technology and culture
- Educational psychology
- Higher education scholarship
- Education for sustainability
- Social, cultural and historical context of education
- Education and cultural diversity (multiculturalism, antiracism, reconciliation and gender).

**Further information or advice**
To find a supervisor, submit a research proposal or learn more about this area of research, visit: education.adelaide.edu.au/research
T: +61 8 8313 0488
E: education@adelaide.edu.au
W: education.adelaide.edu.au

---

With a supportive supervisory team and helpful staff, conducting doctoral research at the University of Adelaide is an enriching experience. The doctoral program has helped me grow professionally and given me an opportunity to engage with multicultural research communities.
Humanities

Reasons to conduct research in Education at the University of Adelaide

1. being supervised by enthusiastic, high profile and award-winning researchers
2. joining a stimulating intellectual environment
3. working at the cutting-edge of research practice
4. undertaking research that enriches human life
5. meeting like-minded students from around the world

The School of Humanities is comprised of a number of departments and has specialised researchers and supervisors in each of them. Research topics can be pursued in the departments of Art History, Classics, English and Creative Writing, History, Philosophy, Linguistics, Media, French Studies, German Studies, Spanish and the interdisciplinary area of European Studies. Supervision across departments may be possible depending on topic of interest.

Research centre
JM Coetzee Centre for Creative Practice (co-directed with Elder Conservatorium of Music) adelaide.edu.au/jmcoetzeecentre

Art History
T: +61 8 8313 4249
E: humanitiesoffice@adelaide.edu.au
W: arts.adelaide.edu.au/art_history
Staff in the Department of Art History conduct research and supervise in a range of fields in Art History and Museology:
> Early modern art, society and culture (1500-1800)
> Northern renaissance
> Portraiture and image-making
> Art censorship
> Contemporary art including digital and virtual
> Artists letters
> Art, war and representation
> Gender and art
> Australian art - all areas
> Australian Indigenous art
> Art history and exhibitions
> Curatorship and museology.

Classics
T: +61 8 8313 4249
E: humanitiesoffice@adelaide.edu.au
W: arts.adelaide.edu.au/classics
Research areas
Staff in Classics have a wide range of interests and are able to supervise postgraduate students in the areas outlined below.

Research areas
> Greek and Roman philosophical thought, including the history of science and medicine
> Roman Imperial history, especially of late antiquity
> Roman archaeology, especially of the eastern provinces
> Greek literature
> Latin literature and language, especially Roman elegiac and epic poetry and late Roman/early Christian poetry
> The emotions in Greek and Roman thought and literature
> Pain narratives in Greco/Roman literature.

English and Creative Writing
T: +61 8 8313 4249
E: humanitiesoffice@adelaide.edu.au
W: arts.adelaide.edu.au/english
Staff in the Discipline of English and Creative Writing conduct research and supervise in a broad range of areas.

Research areas - Creative Writing
> Fiction
> Poetry
> The short story
> Creative non-fiction
> Digital writing and writing for cross-media contexts
> Life writing
> Autobiography and biography
> Memoir
> Fictocriticism
> Ecopoetics
> Literary translation
> Transcultural writing
> Creative practice
> Publishing.

Research areas – English and literary studies
> Cultural studies, including popular culture, music, film, television and dance
> Australian literature and culture
> Indigenous literatures
> American literature and film
> Pacific literature and culture
> Victorian literature and society
> Romantic literature
> Contemporary literatures
> Modernism and postmodernism
> Postcolonialism
> Gender studies
> Genre studies, including prose fiction, drama, the short story, poetry and autobiography
> South African literature
> Early modern English drama and literary theory
> Tragedy literary imitation.
European Studies
T: +61 8 8313 4249  
E: humanitiesoffice@adelaide.edu.au  
W: arts.adelaide.edu.au/europeanstudies

Research areas
This interdisciplinary program draws upon the research expertise of staff across the School of Humanities and deals principally with the history of ideas and the literatures and cultures of Europe from antiquity to the present day.

> Comparative literature
> European cinema
> History of ideas.

German Studies
T: +61 8 8313 4249  
E: humanitiesoffice@adelaide.edu.au  
W: arts.adelaide.edu.au/german

The members of staff of the Department of German conduct research and can supervise in a number of different periods and areas of German language and culture.

Research strengths
> Modern mannerism in literature, film and fine arts
> Comparative literature and aesthetics
> The arts/science interface
> Relations between German and European literatures
> 18th century philosophy and literature
> West German education system
> 18th and 19th century German women writers
> German-Australian connections in the 19th century
> Postcolonial and intercultural approaches to German Studies
> East German literature
> 19th century musical life and German national identity
> 20th century German children’s literature.

French Studies
T: +61 8 8313 4249  
E: humanitiesoffice@adelaide.edu.au  
W: arts.adelaide.edu.au/french

Staff in French Studies conduct research and supervise in a number of different periods and areas of French cultural production, from contemporary French society to the literature and social history of the 18th and 19th centuries:

Research areas
> Author studies
> Contemporary French society
> Francophone studies
> French cinema
> French crime fiction
> French literature (from the 18th century to the present)
> French poetry
> History of French exploration in the Pacific (in particular the Baudin expedition)
> History of ideas in the 19th century
> Literature and politics (from the 19th century to the present)
> Romanticism, surrealism, existentialism, poststructuralism, autobiography
> French and francophone women’s writing
> 20th century continental philosophy.

The University’s Department of English and Creative Writing offers an unpretentious, collegiate atmosphere enhanced by a diverse range of research interests and projects and the wonderful resource of the Barr Smith Library. Adelaide has an impressive arts calendar, including the world-class Writers Week every year, so as a writer and postgrad I enjoy a perfect combination of inspiration, community and quiet space and time to think, work and study.

Helen Dinmore  
PhD, Creative Writing  
Faculty of Arts  
37
History

T: +61 8 8313 4249
F: +61 8 8313 4341
E: humanitiesoffice@adelaide.edu.au
W: arts.adelaide.edu.au/history

Staff in History can supervise research across a range of periods, locales and themes.

Research areas

> History of emotions particularly Europe 1100-1800
> European history: medieval and early modern religion, politics and society, social and cultural history of 16th-20th centuries, French history, Russian and Eastern European history
> British history: legal history, the English revolution, politics and society, gender, medieval Britain
> History of migration particularly to Australia and the European diaspora
> History of science, technology and medicine, and health policy
> 20th century history: international terrorism, nationalism, genocide, World Wars I and II
> History of the family and gender.

Linguistics

T: +61 8 8313 4249
E: humanitiesoffice@adelaide.edu.au
W: arts.adelaide.edu.au/linguistics

Research in Linguistics covers descriptive and functional approaches and methodologies.

Research areas

> Aboriginal linguistics, including Kaurna language and West Coast South Australian languages
> Hebrew, Jewish, Semitic and Afro-Asiatic linguistics
> Pacific linguistics, including Norfolk Island language
> Revival linguistics: language documentation, language planning, language change, language preservation, language reclamation
> Language contact: pidgin and creole linguistics
> Systemic Functional Linguistics (SFL) and its applications to the domains of:
  - education – language and literacy learning, language and literacy teaching, child language development
  - health – medical communication, mental health communication
  - sport – media representations, coaching communication
  - discourse analysis and critical discourse analysis
  - multimodality – still image, moving image, sound.

Media

T: +61 8 8313 4249
E: humanitiesoffice@adelaide.edu.au
W: arts.adelaide.edu.au/media

Staff in the Department of Media actively research, publish and supervise across a broad range of scholarly and creative areas.

Research areas

> Digital media and innovation
> Creative cities, praxis and industries
> Community news media
> Cybernationalism
> Design and innovation management
> Digital story-telling and persona studies
> E-democracy, e-government, citizen engagement
> Film theory and practice
> Mobile informatics (art, heritage)
> Mobile technologies and practices
> Online games and social media practices
> Public journalism
> Surveillance and data collection
> Transnational media and diaspora
> User-experience design.
Dr Katie Barclay
History
DECRA Fellow,
ARC Centre for the History of Emotions

Fields of research
> Gender history
> History of emotions
> Marriage and family life
> Scottish and Irish history
> Feminist theory
> Subjectivity and selfhood
> Singing

Awards
> Discovery Early Career Research Award
> 2012 Senior Hume-Brown Prize for Scottish History, for first monograph Love, Intimacy and Power
> 2012 Women’s History Network Book Prize, for first monograph Love, Intimacy and Power

Students I have recently supervised:
Jo Hocking, who works on women’s political power at the Elizabethan court; Lisa Joseph, who explores Anglo-Spanish dynastic marriages over the medieval to early-modern period; Jade Riddle, who works on emotions and the urban environment.

I chose to research in my field because:
People’s identity in the past and today is rooted in their families and upbringings. Our families shape, for better or worse, much of who we become, impacting on our chances of success, our emotional well-being and our outlook on life. Understanding how people’s ‘selves’ are made in this context provides real insight into human behaviour that can be applied to many different situations, whilst realising that families change and are the products of their historical and cultural circumstances gives us hope that we can change the present.

My favourite part of being a supervisor is:
Watching someone grapple with a new problem and being able to be a part of that exploration, offering a guiding hand or advice where necessary and participating in the excitement, and the pains, of creating new knowledge.

What makes a successful supervisor and student partnership?
Good communication, listening that goes both ways and speaking with each other regularly.

Why research economic, social and cultural history at the University of Adelaide?
With an established centre for the history of emotions, you have the opportunity to be at the forefront of a new field of research and to work with the top people in the world in this area. This gives you access to the latest ideas and methodologies, as well as a core of people with whom to work and share ideas.

Projects you may be interested in:
> history of Scottish family
> children and institutional care
> parenting emotions and anxieties around education
> senses and emotion in daily life

Recent publications
3. 2013 “Farmwives, Domesticity and Work in Late-Nineteenth-Century Ireland”, Rural History, 24(2), pp. 143-60

Supervisor Spotlight – History and Politics

Faculty of Arts 39
Philosophy

T: +61 8 8313 4249
E: humanitiesoffice@adelaide.edu.au
W: arts.adelaide.edu.au/philosophy

Staff in Philosophy are active researchers and supervisors in a variety of areas.

Research areas
> Aesthetics
> Cognitive science, including models of cognition, theories or perception, and cognitive neuropsychiatry
> Epistemology, including self-knowledge and memory
> Kantian aesthetics, epistemology and moral theory
> Legal philosophy
> Logic and philosophy of mathematics
> Metaphysics
> Moral philosophy, including metaethics, applied ethics (especially bioethics) and normative ethical theory
> Philosophy of film
> Philosophy of language
> Philosophy of mind
> Philosophy of science: scientific knowledge and method, physics, cognitive science, biology
> Social and political philosophy.

Spanish Studies

T: +61 8 8313 4249
E: humanitiesoffice@adelaide.edu.au
W: arts.adelaide.edu.au/spanish

Research areas
> Contemporary Latin American literature and culture
> Ecocriticism in the Spanish world
> Latin American poetry
> Poetry and popular music/culture in Latin America
> Politics in Latin American literature
> Latin American film
> Decolonial processes and interculturalism in Latin America
> Indigenous cultures of Latin America
> Literary theory
> Spanish civil war
> Spanish literature of the 19th and 20th centuries.

Further information or advice
To find a supervisor, submit a research proposal or learn more about this area of research, visit:
arts.adelaide.edu.au/research/

“My thesis, in the broad area of philosophy of mind, asks what recent scientific research on psychedelic drugs can tell us about the nature of human cognition. I feel very fortunate to have world-class supervisors who, besides being experts in their field, have supported my interest in an unconventional but important topic.”

Chris Letheby
PhD in Philosophy
Reasons to conduct research in Social Sciences at the University of Adelaide

1. Supervision by internationally renowned scholars
2. Supportive research environments
3. Opportunity to mix with top students from around the world
4. Reputation for graduates successfully achieving postgraduate employment
5. Several high-achieving research centres located in the School

The School of Social Sciences is a world leader in several areas including demography and migration, coastal management, regional and urban policy and housing, sociology and anthropology of health, unemployment and youth policy. Large numbers of postgraduate students come to the school to be a part of its energetic engagement with research in the departments of Anthropology and Development Studies, Asian Studies, Geography, Environment and Population, Gender Studies and Social Analysis and Politics and International Studies. The school offers both diversity and depth as its world-class scholars provide hands-on supervisory support to our highly successful postgraduates who obtain academic posts and become leaders in industry and government.

Research centres

> Australian Population and Migration Research Centre  
  adelaide.edu.au/apmrc
> Centre for Housing, Urban and Regional Planning  
  adelaide.edu.au/churp
> Fay Gale Centre for Research on Gender  
  adelaide.edu.au/gender
> Indo-Pacific Governance Research Centre  
  adelaide.edu.au/indopacific-governance

Social Sciences

Anthropology and Development Studies

T: +61 8 8313 5654
E: socialsciences@adelaide.edu.au
W: arts.adelaide.edu.au/anthropology

Research areas

> Anthropological perspectives on various locales: Aboriginal Australia, Australia, Europe, Melanesia and Oceania, South Africa, South Asia (Nepal, India, Sri Lanka, Pakistan), Southeast Asia (Thailand, Laos, Indonesia, Timor-Leste) and East Asia (China)
> Ethnography in anthropology, theory and methods of anthropology, postmodern ethnography, material culture
> Art and aesthetics in cultural process, belief systems and ritual symbolism, cosmology and myth, cultural constitution of identity ethnicity, multiculturalism, nationalism, regionalism, domestic organisation, feminist perspectives in ethnography
> Colonialism, the state and third and fourth world peoples
> Contemporary society
> Critical studies in social development, especially in the Asia-Pacific region, peasant society, rural society and the contemporary state, small communities in contemporary complex society, social and political organisation, social mobility, systems of hierarchy and inequality, systems of land tenure
> Gender relations
> Applied anthropology including environmental anthropology, mass/ popular consumption, media, medical anthropology, photography and the production of political symbols, visual anthropology.

Asian Studies

T: +61 8 8313 5654
E: socialsciences@adelaide.edu.au
W: arts.adelaide.edu.au/asian/
I chose to research in my field because:
I have always been fascinated by water and the ways that people connect to this most vital of resources. My work is motivated by a desire to understand via ethnographic studies water's cross-cultural significances and the potentials for its sustainable use. This research often leads into work with women’s groups, religious organisations, environmental movements, and policy makers. The Himalayas are a region of strong interest but I am increasingly working in Asia’s urban ecologies with a focus on upstream and downstream resource management challenges.

My favourite part of being a supervisor is:
Mentoring is a rewarding process. It is fun to help students explore their interests and connect their work to emerging fields of scholarship. I also appreciate the opportunity to learn about new topics and theoretical debates.

My favourite part of the process is when students come up with critiques of the existing scholarship and make original contributions to their field.

What makes a successful supervisor and student partnership?
Listening is a key skill that anthropologists need for the field-work process and I find that the ability to hear what motivates students is a similarly important ingredient for a good supervision relationship. While it is critical to challenge students to think and work outside their comfort zones, it is also essential to keep in mind the driving questions and issues that inspire students, as these will sustain their research through to a successful completion.

Why research anthropology and development at the University of Adelaide?
I moved to Adelaide from New York City for the supportive and cross-disciplinary research environment at the University. Since my arrival, I have been fortunate to collaborate with colleagues in law and politics as well as in my own discipline. I have aspirations to work with colleagues in Asian Studies and Gender Studies, while also engaging with the work of the numerous research institutes at the University.

Projects you may be interested in:
My work is primarily focused on the anthropology of water, with the related themes of gender equity, religious diversity, and sustainable development informing the scope of my research. I would be happy to explore more collaborations with people working on these themes, as well as topics dealing with social movements, social and environmental equity, and climate change challenges. Projects focused in South Asia, East Asia, North America, and Latin America would be of particular interest.
Politics and International Studies
T: +61 8 8313 5654
E: socialsciences@adelaide.edu.au
W: arts.adelaide.edu.au/polis/
Research areas
> Australian politics and public policy, including political institutions, parties and voting rights, Australian political history, media, key social, technological and economic issues
> International and comparative politics of specific countries/regions, including Northeast and Southeast Asia particularly Asia, the Middle East, Russia, Eastern and Western Europe, Britain, the South Pacific, and Latin America
> Foreign policy, particularly of Australia, China, India and Russia
> Changing geopolitics and international political economy
> International relations
> Human rights and justice, including political rights, economic inequality, migration, ethnicity, gender and sexuality
> History of political thought
> Political theory, including liberal democratic theory, socialist theory, feminist theory, post-colonial theory, international relations theory, theories of citizenship
> Political communication, including media and film, cultural theory, ideology and discourse
> Environmental politics
> Security issues, including asymmetric conflict and terrorism
> Peace and conflict
> Electoral studies.

Further information or advice
School of Social Sciences
Napier building, Ground floor, North Terrace campus,
The University of Adelaide, SA, 5005, Australia
T: +61 8 8313 5654
E: socialsciences@adelaide.edu.au
W: arts.adelaide.edu.au/research
Fields of research
> Medical anthropology
> Gender studies

Award
> Australia Research Council Future Fellow 2014

Students I am currently supervising:
I supervise students who are researching different aspects of health and illness from fields of anthropology, gender studies, sociology and public health. Current student topics include a study on why people with eating disorders delay seeking treatment, an ethnographic project on the everyday classed and gendered dimensions of food and families, a study on the effects of rapid weight gain from anti-psychotics, an exploration of intimacy and love in aged care facilities, community responses to obesity regulations, and men’s experiences of open heart surgery.

I chose to research in my field because:
I am passionate about what social science has to offer the broad field of health in terms of understanding how gender and social class interconnect with health and illness, the importance of understanding local knowledge and practices for health policy and clinical/public health interventions, and the ways in which politics and power operate through everyday lives, language and medical institutions to affect bodily experiences. I am particularly interested in how we embody cultural knowledge about food and eating (in relation to disordered eating and obesity), as well as how new developments in obesity science (such as epigenetics) challenges social anthropology and gender studies to stretch their theoretical and methodological concepts, and vice versa.

My favourite part of being a supervisor is:
Watching students become experts in their chosen field.

What makes a successful supervisor and student partnership?
Good communication, mutual respect and an ability to listen. I find it very rewarding when students and supervisors can share and exchange exciting intellectual ideas.

Why research obesity at the University of Adelaide?
The University of Adelaide offers an outstanding research environment for the investigation of obesity because there are researchers from the social sciences (including the Fay Gale Centre for Research on Gender), the health sciences and the life sciences (The Robinson Research Institute) that explore obesity from differing perspectives. Obesity is a complex biosocial problem that spans different scales; from molecular biology to socio-political and economic environments. The strong research collaborations between these different faculties means that your ideas can develop in an exciting space that reaches beyond simple solutions.

Projects you may be interested in:
> critical perspectives on eating disorders and obesity
> anorexia and desire: public understandings of obesity science (Barker’s hypothesis, early origins of disease, postgenomics)
> the anthropology of epigenetics
> health, gender and social class
> cultural contexts of food and eating
> material feminisms
> phenomenology and sensory experiences
> theories of embodiment.

My students have gone on to be health researchers at universities in Australia and around the world. They play key roles in the development of national health policy, and advocate for health and social justice issues (e.g. mental health).

Recent publications

Please note: this supervisor is always in high demand and at times does not have the capacity to take on extra students.
Music

Reasons to conduct research in Music at the University of Adelaide

1. The Elder Conservatorium of Music is recognised internationally as a specialist music institution, with the longest history of any music school in Australia.

2. PhD and masters degrees are available in all specialisations, including Composition, Musicology, Ethnomusicology, Performance, Sonic Arts and Music Education.

3. Students have access to a variety of excellent resources, including one of the largest music libraries in the Southern Hemisphere.

4. Research undertaken at the Elder Conservatorium is highly ranked by the ERA 2015 as above world standard.

As one of Australia’s oldest and most distinguished tertiary music schools, the Elder Conservatorium plays a leading role in Australia’s musical landscape. Through its research programs, it encourages the development of new parameters of artistic and scholarly endeavour that contribute to the advancement of knowledge and practice in the art of music. The Conservatorium maintains a wide range of professional links with music schools, conservatories and music organisations within South Australia and across the nation, and we sustain strong connections with important institutions in the UK, USA, Canada, Asia and Europe.

Research centres
- The J.M. Coetzee Centre for Creative Practice (jointly with the School of Humanities):
  adelaide.edu.au/jmcoetzeecentre

Research areas
- Australian Indigenous music
- Contemporary Polish music
- Music and politics in the 20th century
- Musical analysis
- Music composition (including concert music, music for film and television, electroacoustic music, jazz composition)
- Musical performance
- Traditional and contemporary Japanese music
- Music technology and sonic arts

To find a supervisor, submit a research proposal or learn more about research at the Elder Conservatorium of Music, visit:
music.adelaide.edu.au/postgrad/future

Further information or advice
T: +61 8 8313 5995
E: music@adelaide.edu.au
W: music.adelaide.edu.au
or contact
Associate Professor Kimi Coaldrake, Postgraduate coordinator
E: kimi.coaldrake@adelaide.edu.au

Peck Jin Gan
PhD (Ethnomusicology)

“I am currently in the third year of my PhD in Ethnomusicology, researching about Malaysian contemporary music and the ways composers incorporate cultural elements in their work. My supervisors are very encouraging and supportive, allowing me to broaden and refine my skill set learned during my undergraduate studies at the University of Adelaide.”
Undertaking a PhD has allowed my mind to run freely and as a result I have grown to be able to think more clearly. The ideas that I’ve been able to come up with have been very unique and rewarding.

Michael Bolzon
PhD in Mechanical Engineering
Computer Science

Three reasons to research Computer Science at the University of Adelaide

1. Highly qualified and experienced academic staff
2. World-leading research supported by prestigious research grants and industry contracts
3. National and international prizes awarded for commercialisation of research

About the school

The School of Computer Science undertakes a wide range of cutting edge research activities with highly qualified and experienced academic staff supervising a large number of masters and PhD students.

Possessing a strong research ethos, the school is prominent in the areas of computer vision, distributed systems, Internet computing, web technologies, optimisation and logistics, algorithms, software engineering, and computer science education research.

Producing internationally recognised commercial outcomes, the school’s researchers construct and use an array of rare and unique computing resources.

Research centres

- Australian Centre for Visual Technologies acvt.com.au
- Centre for Distributed and Intelligent Technologies blogs.adelaide.edu.au/cdit
- Centre for Research on Engineering Software Technologies cs.adelaide.edu.au/research/crest

Research areas

- Computer vision, robotic vision, machine learning acvt.com.au
- Distributed computing, Internet of Things, web technologies blogs.adelaide.edu.au/cdit
- Optimisation and logistics cs.adelaide.edu.au/research/evolcom
- Computer science education research cs.adelaide.edu.au/research/cseducation
- Complex systems blogs.adelaide.edu.au/cdit
- Networking and security blogs.adelaide.edu.au/cdit
- Software engineering cs.adelaide.edu.au/research/crest

Postgraduate coordinator

Professor David Suter
E: david.suter@adelaide.edu.au

To find a supervisor, submit a research proposal or learn more about this area of research, visit: cs.adelaide.edu.au/research

Further information or advice

School of Computer Science
Ingkarni Wardli building, Level 4
North Terrace campus,
The University of Adelaide,
SA, 5005, AUSTRALIA
T: +61 8 8313 5586
F: +61 8 8313 4366
E: reception@cs.adelaide.edu.au
W: cs.adelaide.edu.au

Javier Álvarez Cid-Fuentes
PhD in Computer Science

“The University of Adelaide has given me the opportunity to get in touch with the most advanced research in many different areas. I have been able to work with leading researchers from around the world in a very friendly environment.”

Shifa-e-Zehra Haidry
PhD in Computer Science

“I have been learning in an extremely supportive environment from the researchers who are recognised globally for their achievements. My supervisors and other members in the School of Computer Science have provided me with friendly guidance and valuable insights to explore and avail various opportunities offered by my research domain.”
Associate Professor Gustavo Carneiro

Fields of research:
Computer vision, medical image analysis and machine learning

Awards:
Marie Curie – Micro One World Grant Award 2015, Humboldt Fellowship for Experienced Researcher Award 2014; 50,000th Marie Curie Fellowship Award 2010, Outstanding Reviewer Award - IEEE Conference on Computer Vision and Pattern Recognition (CVPR) 2010, Siemens Corporate Research Outstanding Achievement Award (2008).

Research impact:
My research in computer vision and machine learning has had a large impact in the scientific circles, but one particular research I developed in medical image analysis has now been integrated in several ultrasound machines, and it is used by thousands of people every day at hospitals and clinics around the world.

I chose to research in my field because:
Vision is one of human's most important senses, and the understanding of vision will enable us to understand how our brains work, which is the ultimate goal of computer vision. In the last 15 years or so, computer vision researchers have become increasingly interested in machine learning techniques that try to learn vision models based only on very large training sets containing images that are annotated with the visual objects that are present in them. Traditionally, acquiring such training sets was difficult, but that problem has been solved with the abundance of digital cameras, smart phones, photo sharing websites with their seemingly infinite storage capability, and crowdsourcing image annotation tools. This is the main reason behind the current dominance of machine learning techniques in computer vision, and consequently my interest in those two fields.

I have also become interested in medical image analysis, after my tenure at Siemens Corporate Research, which is a research laboratory in Princeton, USA that develops state-of-the-art methodologies in that area. The analysis of medical images has some similarities with the analysis of pictures taken from regular cameras, but the nature of the imaging process to generate ultrasound, magnetic resonance or computerised tomography studies is completely different, and that needs to be understood in order to produce systems that work properly with medical images. One point that is important to note is that the acquisition, annotation and public storage of medical images is not widespread yet, but there are efforts in this direction, which makes the application of machine learning methods in medical image analysis a hot topic to pursue. With medical image analysis, my goals are not only to understand how our brains work, but also to help clinicians improve their working conditions by providing computer aided diagnosis (CAD) systems that can be used as a second reader, which allows the clinicians to reduce the time to read an image and to increase the sensitivity and specificity of their diagnosis.

My favourite part of being a supervisor is:
Bringing a student, who is really motivated to learn and work, from a very basic understanding of a particular field of research to a level where he or she is able to write a scientific paper to the most prestigious journals and conferences of the field. I also enjoy when a student becomes truly expert in the field and starts teaching me things that I did not know or understand.

What makes a successful supervisor and student partnership:
Dedication, respect, motivation and application from both parties are a must. An open channel of conversation, where ideas can be discussed, is also another important point. Finally, I believe that a clear set of goals determined at the beginning of the study program is also important for a precise assessment of the student’s progress.

My students have gone on to:
Become university professors, work as postdocs in prestigious universities and researchers in multinational companies, work towards a PhD degree, and work at start-ups and local companies.

Why research computer vision/machine learning/medical image analysis at the University of Adelaide?
The University of Adelaide has the biggest and one of the most prestigious groups in computer vision and machine learning in Australia. Our research group, the Australian Centre for Visual Technologies (ACVT), has consistently acquired the most competitive research grants in Australia (ARC discovery projects, linkage projects, centre of excellence, future and laureate fellowships), published in the most reputable conferences (CVPR, ICCV, ECCV, NIPS, IJML) and journals (TPAMI, TIP, IJCV) of these fields, and received important prizes (best paper in CVPR 2010, runner up in CVPR 2015). In terms of medical image analysis, we have been able to use the most advanced machine learning and computer vision techniques in order to publish in the top conferences (MICCAI, ISBI) and journals (TIP, MedIA, JBHI) of the field. It is important to mention that our students, after graduating, are able to pursue fruitful academic and industrial careers in the most important universities and companies around the world.

Projects you may be interested in:
Analysis of multimodal medical images using deep learning methods, high level classification methods from weakly annotated training sets, robust loss functions in deep learning methods, and local feature extractors using deep learning methods.

Recent publications:
Engineering at the University of Adelaide enjoys an enviable international reputation for research quality and is committed to continuing innovation, discovery and the pursuit of research excellence across a range of fields.

The University has established a number of world-class research institutes and centres in partnership with government and industry. They bring together world-leading researchers and cross-discipline research groupings, modern, purpose-built infrastructure and an innovative culture to tackle state and national research priorities.

Engineering is underpinned by a comprehensive suite of state-of-the-art facilities, including acoustic and anechoic chambers, combustion, fluids and laser research laboratories, earthquake simulators, water and wind tunnels, high performance computing and a virtual reality facility.

At the University of Adelaide, postgraduate researchers can produce real commercial outcomes through industry collaborations, have access to high quality research facilities and be surrounded by talented researchers and peers in engineering.

Research institutes

- Institute for Mineral and Energy Resources
  adelaide.edu.au/imer
- Environment Institute
  adelaide.edu.au/environment

Research centres

- Adelaide Radar Research Centre
  adelaide.edu.au/radar
- Australian Centre for Visual Technologies
  acvt.com.au
- Centre for Automotive Safety Research
  casr.adelaide.edu.au
- Centre for Defence Communications and Information Networking
  trc.adelaide.edu.au/cdcin
- Centre for Energy Technology
  adelaide.edu.au/cet
- Centre for High Performance Integrated Technologies and Systems
  adelaide.edu.au/chiptec
- Cooperative Research Centre for Deep Exploration Technologies
  detcrc.com.au
- South Australian Centre for Geothermal Energy Research
  adelaide.edu.au/geothermal
- Teltrtraffic Research Centre
  trc.adelaide.edu.au/trc
- Cooperative Research Centre for Greenhouse Gas Technologies
  co2crc.com.au

"Doing a PhD in Water Engineering at the University of Adelaide is a life-changing event. The program provides not only knowledge and skills, but also new ways of thinking. Worldwide job opportunities are now open to me."
Chemical Engineering

Three reasons to research Chemical Engineering at the University of Adelaide

1. Conduct cutting edge research into some of the most significant challenges facing humanity
2. Produce real commercial outcomes through industry collaboration
3. Work with leading researchers nationally and internationally

About the school

The School of Chemical Engineering boasts a vibrant and dynamic research team that undertakes cutting edge research of both fundamental and applied natures in three main areas: nano and materials engineering, bio and pharmaceutical engineering, renewable energy technology and water and resource engineering.

Developing the highest quality interdisciplinary programs of teaching and research, the school aims to inspire confidence in the ability to learn, and educate chemical engineers to play leading roles across a range of industries.

Research areas

The School of Chemical Engineering has built and cultivated a strong industry-orientated research capacity focusing on innovative chemical and biochemical engineering processing and applications. The school has research strengths and themes focusing on the national priority areas, including:

- Advanced bioprocessing and Biotechnology
- Nanotechnology and functional materials
- Renewable energy and resources
- Water and environment
- Pharmaceutical and biomedical technology.

E: chemical.engineering@adelaide.edu.au

To find a supervisor, submit a research proposal or learn more about this area of research, visit: chemeng.adelaide.edu.au

Further information or advice

School of Chemical Engineering
Engineering North building, Level 1, North Terrace campus,
The University of Adelaide,
SA, 5005, Australia
T: +61 8 8313 5446
E: chemical.engineering@adelaide.edu.au
W: chemeng.adelaide.edu.au

It is a privilege to do my research at the University of Adelaide. I have been able to develop my knowledge on nanomaterials fabrication, polymeric membranes fabrication and performance evaluation through working in a positive environment with knowledgeable staff and well-prepared laboratories.

Masoumeh Zarger
PhD in Chemical Engineering
Critical but positive and respectful.

Communication into their current projects. Communication development goal of each group member and to incorporate the long-term career resources and the needs from group members, for the group leader to balance the group for their future development. It is important scientific independence and confidence group, allowing all members to develop their a positive atmosphere within the research student partnership?

What makes a successful supervisor and student partnership?

As a supervisor, it is important to maintain a positive atmosphere within the research group, allowing all members to develop their scientific independence and confidence for their future development. It is important for the group leader to balance the group resources and the needs from group members, and to incorporate the long-term career development goal of each group member into their current projects. Communication with students should be honest, open, critical but positive and respectful.

Projects students may be interested in:

> novel electrocatalysts for H₂ production, oxygen reduction reaction, oxygen evolution reaction, and CO₂ conversion to fuels
> cost-effective nanomaterials for photocatalytic water splitting and CO₂ conversion
> nanostructured materials for supercapacitors, metal-air batteries and lithium-ion batteries
> design of electrocatalyst for various clean energy conversions by quantum chemistry computations
> nanostructured materials for controlled release of drugs and gene

My students have gone on to:

Academia, as senior lecturers and research fellows (University of Queensland, University of Adelaide, Curtin University, Hokkaido University, Chinese Academy of Sciences) and industry.

Recent publications

The school’s three research concentrations investigate water systems, civil structures and mining and geostatistics across a wide variety of research themes.

Research areas

Water
- Decision support and optimisation
- Pipe condition assessment
- Hydrology and climate impacts

Structures
- Structural resilience under extreme loads (blast, earthquake, cyclone, etc)
- Enhancing structural sustainability
- Retrofitting of existing structures
- Materials development
- Computational and analytical mechanics

Mining and geotechnical engineering
- Geostatistics
- Rock fracture modelling
- Geomechanics
- Geotechnical engineering
- Mining operations

Three reasons to research Civil, Environmental and Mining Engineering at the University of Adelaide

1. Internationally recognised and one of the top civil engineering schools in Australia for research, in the top 150 engineering schools globally

2. Home to some of Australia’s finest researchers in the management and design of water supply systems and structural resilience, materials development, and analytical and computational modelling

3. Exciting new opportunities for research in support of the geotechnical and mining engineering industry in Australia

About the school

Delivering award-winning research of an international standard, the School of Civil, Environmental and Mining Engineering offers exceptional postgraduate opportunities to conduct important and interesting research into a variety of engineering issues.

Further information or advice

School of Civil, Environmental and Mining Engineering
Engineering North building, Level 1, North Terrace campus,
The University of Adelaide,
SA, 5005, Australia
T: +61 8 8313 5451
F: +61 8 8313 4359
E: enquiries@civeng.adelaide.edu.au
W: ecms.adelaide.edu.au/civeng

Postgraduate coordinator
Dr Terry Bennett
E: terry.bennett@adelaide.edu.au

To find a supervisor, submit a research proposal or learn more about this area of research, visit: ecms.adelaide.edu.au/civeng/research
Professor Holger Maier

Fields of research
The research in which I have been involved and which attracts doctoral candidates spans a range of techniques in water resources and infrastructure modelling and management, including modelling using artificial neural networks and process-driven models, optimisation using genetic algorithms and ant colony optimisation, uncertainty and sensitivity analysis and decision support, as well as a range of application areas including natural resource management, urban water supply and disaster mitigation.

Application areas are generally in water and environmental engineering, both in natural resources management and urban infrastructure.

Recent awards and prizes
> Stormwater Australia National Award for Excellence in Research and Innovation for the Managed Aquifer Recharge and Stormwater Use Options (MARSUO) project (part of project team), 2014
> Environmental Modelling and Software Best Paper Award 2010: Generic Modelling and/or Software Methods for Management Option Rank Equivalence (MORE) - A New Method of Sensitivity Analysis for Decision-Making by J.K. Ravalico, G.C. Dandy and H.R. Maier
> University of Adelaide Award for Excellence in Higher Degree by Research Supervision, 2010
> Best Paper Award for Sensitivity of estimated urban water supply security based on various global circulation models and SRES emission scenarios by Fiona L. Paton, Graeme C. Dandy and Holger R. Maier, Practical Responses to Climate Change National Conference 2010, September 29-October 1, Melbourne, Australia, 2010

I chose to research in my field because:
One of the greatest challenges facing the world today is the sustainable management of our built and natural environments. For example, Australia is faced with an ageing water supply infrastructure while demands for water and expectations in relation to water quality continue to increase. Similarly, the need to allocate Australia’s scarce water resources in a way that balances the competing needs of large numbers of stakeholders (including the environment) is acute.

Consequently, the focus of my research has been on the development and application of improved techniques for making optimal decisions about built and natural environments when faced with uncertain information and competing demands. More recently, this has also extended into decision support for disaster mitigation.

My favourite part of being a supervisor is:
Being able to interact with students – to see them grow and develop into independent researchers.

What makes a successful supervisor and student partnership?
Like all learners, doctoral candidates learn more and more effectively when they are engaged in researching topics of interest to themselves. Helping them find the right question, therefore, requires sympathetic and supportive guidance and a fine balance between giving students the freedom to ‘find their own way’ and giving specific direction. Guidance comes in many different forms, depending on students’ personalities and personal circumstances.

Much of my teaching is based around the facilitation of independent learning, and I take this same philosophy into my PhD supervision. Students must be provided with a constructive research environment that nurtures their individuality and personal intellectual and emotional growth.

It is imperative that supervisors not only demand the high standards expected of a doctoral candidate, but that they also support them in achieving those standards, often as mentor, colleague and friend.

In order to support international students, I spend additional time with them, particularly during the early stages of their studies to assist them with acclimatising to a new and often very different situation from that which they are used to. I also encourage the development of a research community among my students, so that we can all learn from and support each other.

Why research integrated water resources engineering at the University of Adelaide?
There is a very strong research group in this area in the School of Civil, Environmental and Mining Engineering, as well as an active and engaged group of PhD students and research associates.

My students have gone on to:
Take on a variety of roles. Some have stayed in research through post-doctoral, academic and industry positions, some work in consulting and some for government organisations.

Recent publications

Please note: Professor Holger Maier is in high demand and often does not have the capacity to take on extra students.
Three reasons to research Electrical and Electronic Engineering at the University of Adelaide

1. Proven track record in nurturing high-calibre graduates prepared for leading international careers
2. Academic staff who are world leaders in their disciplines
3. More than 60 years of research excellence

About the school
The school has a strong research focus, with staff and students active in research areas in health technology, power and energy, and sensing and security. The school’s vision is to contribute to solving real world problems through fundamental and applied research. The school aims to provide the highest quality PhD supervision and a supportive research environment with strong linkages to local and international partners.

Research areas

Health technology
Medical monitoring and diagnostics
> Sensing and processing of biomedical signals for automated medical monitoring and diagnostics
> Brain-computer interface for stroke rehabilitation
> Characterising sleep-related breathing disorders for semi-automated screening tools
> Biosensing – biomarker/protein detection
Biomedical electronic devices
> Wireless stent for coronary heart disease
> Conductive textiles and polymers for wireless biomedical systems

Power and energy
System analysis and control
> Complex hybrid dynamical systems including stochastic jump systems, singular systems, switched hybrid systems, fuzzy systems, and multi-agent systems – modelling, analysis and control
> Networked control systems – stability analysis and fault-tolerant control design
> Power systems and dynamics – stability control, protection and fault isolation
> Energy storage integration and control
Machines and drives
> Low-cost, high-efficiency electric motor drives
> High-performance permanent-magnet electrical machines
> Power electronics for small-scale renewable systems

Sensing and security
Applied electromagnetics and Terahertz technologies
> Metamaterials and plasmonics
> Wearable antennas and conductive textiles and polymers for RFID
> Reconfigurable antennas and frequency-selective surfaces
> Optical nano-structures inspired by radio-frequency devices
> Ultra-high-speed short-path communications
> Terahertzwaveguides
Surveillance and remote sensing
> Synthetic aperture radar and digital radar
> Remote sensing for soil moisture and biomass observations, bushfire observations, and precipitation observations
> Sensor array signal processing
> Locating interference and spoofers to global navigation satellite systems
> Malicious jammer detection with machine learning in wireless sensor networks

Postgraduate coordinator
Dr R Zivanovic
E: enquiries@eleceng.adelaide.edu.au
To learn more about these areas of research, visit: eleceng.adelaide.edu.au/research

Further information or advice
School of Electrical and Electronic Engineering
Ingkarni Wardli building, Level 3, North Terrace campus, The University of Adelaide, SA, 5005, Australia
T: +61 8 8313 5277
F: +61 8 8313 4360
E: enquiries@eleceng.adelaide.edu.au
W: eleceng.adelaide.edu.au

I chose to study my PhD at the University of Adelaide because of the excellent supervisors, which I had been experiencing during my undergraduate study, as well as the quality and prestige of the research group in the School of Electrical and Electronic Engineering.
Professor Peng Shi

Fields of research
> Systems and control
> Computational and intelligent systems
> Operations research

Awards
> ISI Thomson Reuters Highly Cited Researcher in Engineering
> IEEE Distinguished Lecturer
> Fellow, Institute of Electrical and Electronic Engineering
> Fellow, Institution of Engineering and Technology
> Fellow, Institute of Mathematics and Its Applications

I chose to research in my field because:
Systems and control theory can be applied in many real world applications, such as power systems, chemical process, manufacturing systems, wireless communications, and security systems. System theory is the interdisciplinary study of systems, with the goal of illustrating principles applicable to all types of systems at every nesting level in all fields of research.

Control theory is a discipline that involves studying general laws in the control and communications of machine research, life science and social science and also studying how a dynamic system can maintain the balanced or steady state in a changing environment.

Control theory is one of the three basic technical disciplines of system theory, information theory and operations research. It is a challenge but rewarding to conduct research work in systems and control for solving real world application problems.

My favourite part of being a supervisor is:
I enjoy seeing students progress from their first year to the point where they have become independent researchers; in particular, publishing their works in respected international journals.

What makes a successful supervisor and student partnership?
Respect for and trust of each other. The supervisor and student should work together to achieve the milestones set up in the research programs. Regular meetings with students, listening to their progress, and more importantly providing advice/suggestions for their difficulties and concerns.

Why research systems and control at the University of Adelaide?
Systems and control is a fundamental discipline, which has a long tradition at the University of Adelaide. Research in systems and control requires skills relevant for research in many other disciplines. A typical project will include various stages requiring different abilities, starting from the development of novel concepts based on theoretical models, through computer simulations and optimisation, to prototype fabrication and experimental validation.

Projects students may be interested in:
Signal processing, fault detection and estimation, modelling, analysis and design networked control systems, time-delay systems, stochastic systems, fuzzy sets and systems, robust control and filtering, multi-agent systems, hybrid systems.

My students have gone on to:
Research and development positions in high-tech companies, management positions in industry, research in government agencies and academic research.

Recent publications
Mechanical Engineering

Three reasons to research Mechanical Engineering at the University of Adelaide

1. World-leading research and teaching expertise

2. Vibrant and innovative environment focused on making an impact on knowledge generation and technology development

3. State-of-the-art research facilities and technical support

About the school

The School of Mechanical Engineering is proud of its long-standing tradition of high quality research and postgraduate student education. Undertaking a range of ‘blue-sky’ and applied research, the school has developed many new and innovative technologies that have made an impact throughout the world.

Research is conducted across a diverse and wide range of areas, including fluid mechanics, vibration and control, combustion, robotics and automation, energy technology and acoustics and autonomous systems.

Highly skilled technical staff and fully equipped instrumentation, electronics and mechanical workshops support the sophisticated facilities and equipment necessary to sustain the research activities of the school.

Research areas

- **Acoustics and vibration**
  - Professor Ben Cazzolato
  - Associate Professor Anthony Zander
  - Associate Professor Carl Howard
  - Associate Professor Colin Kestell

- **Thermofluids**
  - Professor Gus Nathan
  - Professor Bassam Dally
  - Associate Professor Richard Kelso
  - Associate Professor Maziar Arjomandi
  - Associate Professor Eric Hu
  - Dr Zhao Tian
  - Dr Paul Medwell
  - Dr Christian Birzer
  - Dr Antoni Blazewicz
  - Dr Minkwan Kim

- **Materials and structures**
  - Associate Professor Andrei Kotousov
  - Associate Professor Reza Ghomashchi
  - Associate Professor Zonghan Xie
  - Dr John Codrington
  - Dr Erwin Gamboa

- **Biomechanics**
  - Associate Professor Paul Grimshaw
  - Dr Will Robertson

- **Robotics and control**
  - Professor Ben Cazzolato
  - Dr Steven Grainger
  - Dr Tien-Fu Lu
  - Dr Lei Chen

To find a supervisor, submit a research proposal or learn more about these areas of research, visit: mecheng.adelaide.edu.au/research or email: info@mecheng.adelaide.edu.au

Postgraduate coordinator

Associate Professor Maziar Arjomandi
E: maziar.arjomandi@adelaide.edu.au

Further information or advice

School of Mechanical Engineering
Engineering South building, Level 1, North Terrace campus,
The University of Adelaide,
SA, 5005, Australia
T: +61 8 8313 5460
F: +61 8 8313 4367
E: info@mecheng.adelaide.edu.au
W: mecheng.adelaide.edu.au

Scott Beinke
PhD in Engineering

“Studying at the University of Adelaide has provided me with unique opportunities to work with research partners from around the world. I’ve been able to conduct rocket engine research and testing in Germany while undertaking my PhD degree.”
Professor G J ‘Gus’ Nathan  
Director, Centre for Energy Technology

Fields of research  
> Energy  
> Concentrating solar thermal  
> Combustion  
> Laser diagnostics  
> Fluid mechanics

Awards  
> Energy Professional of the Year (2014)  
The Australian Institute of Energy, SA  
> Discovery Outstanding Researcher Award (2012-14), The Australian Research Council, a fellowship that supports his present position  
> Paul Henderson Prize (2006), The Institution of Mechanical Engineers, for best journal paper  
> Supervisor of the Year – nominated (2002 and 2003) – University of Adelaide Postgraduate Students Association (nominated by postgraduate students under his supervision)

Research Impact  
Professor Nathan is the founding Director of the University of Adelaide’s Centre for Energy Technology and recipient of an ARC Discovery Outstanding Researcher Award. With more than $20m of research funding, he works with energy technologies spanning the combustion of fossil and bio-fuels, concentrated solar thermal, geothermal energy, wind power, energy storage and in hybrid technologies.

He works closely with industry, both in developing novel technologies and in identifying and addressing key research challenges, especially those that can be addressed with advanced laser diagnostics.

His past technology developments include being principal leader of the Chief Design Team for the award-winning fuel and combustion system for the Sydney 2000 Olympic Relay Torch and joint leadership of the development of low NOx combustion technology that has been in ongoing commercial use in rotary cement and lime kilns since 1990.

He has published widely, with more than 120 publications in leading journals, 200 in peer-review conferences and 10 patents.

I chose to research in my field because:  
I originally chose mechanical engineering because I liked working with mechanical things and also wanted a technical challenge. I fell into energy because my honours supervisor gave me an exciting project involving the development of a novel combustion burner. My honours project was to evolve into a PhD thesis and then into the first of several commercial technologies.

In the meantime, my love of wild places took me to many mountains, first in the northern Flinders Ranges and then further afield to Nepal and Alaska. This fostered a desire to make a difference by developing technology that could help to reduce air pollution.

As I gained more understanding of the opportunities and challenges to renewable energy, I chose to focus on hybrids between concentrating solar and combustion because I believe this is an important part of the path toward cleaner energy.

My favourite part of being a supervisor is:  
The shared excitement of discovering something new together – of breaking new ground and leading the world in doing something for the first time. I also love participating in the journey of transition to the point where I begin to learn as much from them and their work as they do from me.

What makes a successful supervisor and student partnership?  
There is no one answer to this. However, the essential ingredient is a mutual commitment to excellence and passion to make a difference. Each student brings their own particular interests and expertise.

Those who are driven to explore new ideas, concepts and understanding, plus a desire to get to the bottom of a problem will be sure to make a great contribution if given the right guidance and access to resources.

However, to make an outstanding contribution, it is also necessary to go beyond this and engage these students in strong teams of like-minded researchers in the same field – both internally within the University and externally with collaborators. This makes the right environment for outstanding research.

Why research mechanical engineering at the University of Adelaide?  
I remain at the University of Adelaide because of the leading team that has been established here with complementary expertise, outstanding facilities and a team-based approach that is truly exceptional.

Recent publications  
Petroleum Engineering

Three reasons to research Petroleum Engineering at the University of Adelaide

1. Excellent industry connections, funding and support
2. The only integrated petroleum engineering, geoscience and management school in the world
3. World-class research staff and facilities with access to leading industry software

About the school
The Australian School of Petroleum (ASP) is one of the largest petroleum-focused university programs in the Southern Hemisphere and the only institution worldwide offering fully integrated research and teaching programs covering petroleum geoscience, engineering and management. The majority of our research leaders have strong, international industry links or backgrounds, ensuring that our research is up-to-date and relevant. ASP staff play leading roles in the research activities of the Society of Petroleum Engineers (SPE) and the American Association of Petroleum Geologists (AAPG).

Performing internationally competitive applied research with the overall aim of understanding and reducing risk for the petroleum industry, the ASP’s research is supported by a comprehensive suite of state-of-the-art facilities, including the 3D visualisation centre.

Research areas
- Geological storage aspects of CCS
- Stress, structure and seismic
- Reservoir analogues
- Decision-making, risk analysis and economic evaluation
- Unconventional resources and recovery
- Water flooding, EOR/IOR and formation damage

To find a supervisor, submit a research proposal or learn more about this area of research, visit: asp.adelaide.edu.au/research

Postgraduate coordinator
Dr Simon Holford
E: simon.holford@adelaide.edu.au

Further information or advice
Australian School of Petroleum
Santos building,
North Terrace campus,
The University of Adelaide,
SA, 5005, Australia
T: +61 8 8313 8000
F: +61 8 8313 8030
E: admin@asp.adelaide.edu.au
W: asp.adelaide.edu.au

‘I chose to study at the Australian School of Petroleum because of its technical achievements, which are internationally recognised and admired. Studying at the University of Adelaide has also allowed me to collaborate with a diverse range of people from various fields of expertise.’

Alireza Keshavarz
PhD in Petroleum Engineering
Professor Pavel Bedrikovetsky

**Fields of research**
- Formation damage in petroleum reservoirs
- Improved waterflooding
- Enhanced oil recovery
- Unconventional energy resources
- Stochastic models for solute transport in rocks
- Hyperbolic systems of conservation laws

**I chose to research in my field because:**
It links applied maths and fluid mechanics with practical applied problems in the energy and environment sectors.

**My favourite part of being a supervisor is:**
Sharing “hot” unsolved problems with students and making progress together.

**What makes a successful supervisor and student partnership?**
Working together, not just supervising.

**Why research petroleum engineering at the University of Adelaide?**
There is a high level of both maths and engineering at the University of Adelaide.

**Projects you may be interested in:**
- Suspension-colloidal flows in porous media (potable water resources, aquifer contamination, artesian wells) and in the human body (brain strokes, tumours, cancer research, cholesterol).

**My students have gone on to:**
National and international oil and gas companies.

**Recent publications**

Mathematical Sciences

Three reasons to research Mathematical Sciences at the University of Adelaide

1. One of the leading mathematics schools in Australia
2. Award-winning research staff, including a number of prestigious Australian Research Council Fellows
3. Excellent research opportunities in a thriving and stimulating environment

About the school
The School of Mathematical Sciences has a long history of achievement in research and postgraduate education, and a reputation for providing a stimulating and supportive environment. Recognised for excellence in both research and teaching across applied mathematics, pure mathematics and statistics, staff in the school are Australian leaders in postgraduate research training in these areas.

The school is highly respected internationally for its research strengths in geometry and mathematical physics, statistics, stochastic modelling and theoretical and applied mechanics.

Research centres
- TRC Mathematical Modelling
  trc.adelaide.edu.au
- Centre for Defence Communications and Information Networking
  trc.adelaide.edu.au/ccdin
- Institute for Geometry and its Applications
  iga.adelaide.edu.au

Research areas
Geometry and mathematical physics
Mathematics and physics have been closely linked since the earliest of times. Today’s physics requires sophisticated mathematical ideas and, in turn, feeds back new ideas and physical intuition to long-standing mathematical problems. Geometry lies at the core of much of modern mathematics, with deep and wide implications in other mathematical disciplines, pure and applied. For example, geometry is used in cryoprelyogy, medical imaging, and physics. Geometry draws on methods from algebra, differential equations and topology to investigate spaces ranging from our own three-dimensional space to abstract spaces that can have infinitely many dimensions. The School of Mathematical Sciences has an active group of researchers in mathematical physics and/or geometry with an international reputation.

Statistics
Statistics is central to the development and practice of much of modern science and social science. Indeed, without biostatistical principles for the conduct of clinical trials and epidemiological studies, evidence-based medicine and the pharmaceutical industry would not exist. Modern biology is much more quantitative than the biology of the past, and is now critically dependent on the mathematical, physical and computer sciences to conduct research in genomics, proteomics and systems biology. Much of economics relies on the ability to effectively model the evolution of indices over time. These requirements have driven a great deal of the novel statistical methodology developed everywhere in the world. The School of Mathematical Sciences has a strong group of statisticians who develop new methodologies to suit these, and other areas of application.

Stochastic modelling
Much of human intellectual endeavour is directed to predicting and modifying the future. Measurements and data are studied to suggest patterns, which are then modelled mathematically. The predictions of the models are tested against further observations and the models used to make decisions and modify future outcomes. The applications of stochastic, or random, processes in engineering, finance, biology and many other fields fit this paradigm. In all cases real world measurements and data provide the foundations for theoretical models. These models are then explored to make predictions and assist in improved decision-making, whether they are investment strategies, management policies in telecommunications networks or potential new avenues for cancer treatment.

Theoretical and applied mechanics
Theoretical and applied mechanics is the study of fluid and solid mechanics, from both a theoretical and applied perspective. Research in this area at the University of Adelaide dates back to the founding of the University through the work of the Foundation Chair of Mathematics, Sir Horace Lamb. We are involved in leading-edge research in areas such as dynamical systems, fluid mechanics, mathematical biology and nanomechanics. Our research aims to develop a fundamental understanding of the behaviour of mechanical and biological systems through the use of advanced mathematical techniques and the use of modern computing technologies.

To learn more about these areas of research and the School of Mathematical Sciences, visit: maths.adelaide.edu.au

Postgraduate coordinator
Dr David Green
E: david.green@adelaide.edu.au

Further information or advice
School of Mathematical Sciences
Ingkarni Wardli building, Level 6,
North Terrace campus,
The University of Adelaide,
SA 5005, Australia
T:+ 61 8 8313 5407
F:+ 61 8 8313 3696
E: admin.maths@list.adelaide.edu.au
W: maths.adelaide.edu.au
Supervisor Spotlight – Mathematical Sciences

Associate Professor Joshua Ross

ARC Future Fellow

Fields of research
Mathematical (especially stochastic) and statistical modelling, in particular in biology and epidemiology with the aim to assist in determining effective conservation/biosecurity and public health policy.

Awards
1. ARC Future Fellowship (2013)
2. AIPS Young Tall Poppy Science Award (2013)
4. ARC APD Fellowship (2007)

Research Impact
Some of my research is dedicated to informing the national response to a pandemic.

Students I am currently supervising:
Seven PhD students and two MPhil students.

I chose to research in my field because:
I am motivated by interesting applications, in particular those where accounting for stochasticity is important.

My favourite part of being a supervisor is:
Sharing the excitement of discovering new results.

What makes a successful supervisor and student partnership?
Engagement from both supervisor and student in the project and regular communication.

Why research applied mathematics at the University of Adelaide?
The University of Adelaide is one of the leading universities in Australia for applied mathematics, and in particular stochastic modelling and applications to biology. Furthermore, Adelaide is a beautiful city in which to live.

Projects students may be interested in:
1. stochastic epidemic modelling
2. statistical inference for epidemics in the early stages of an outbreak
3. mathematics for combating global wildlife trafficking

My students have gone on to:
Jobs in government/industry (e.g. the Australian Bureau of Statistics and the Defence Science and Technology Group) and research at overseas universities (e.g. the University of Cambridge).

Recent publications
My honours research looked at the molecular changes in tight junctions of the small and large intestines following treatment with chemotherapy. I am now extending this work as part of my PhD, looking at how immune signalling may contribute to the development of gut toxicity following chemotherapy and its impact on tight junctions.

Hannah Wardill
PhD in Medicine
Our focus on educational excellence and innovative research is reflected by the academics and researchers across our schools, disciplines, centres, and institutes. Our strengths are the depth and dedication of our teams who work to promote better health, wellbeing and disease prevention in Australia and the world.

With over 4,000 students, 1,000 staff and 1,800 participating clinical and affiliate practitioners, we have been educating successful students and producing highly relevant research for over a century. Learning and teaching programs in our faculty develop highly skilled and compassionate professionals in their chosen careers who aspire to the highest standards of integrity and ethical behaviour.

Our graduates and researchers are making a significant impact in health sciences - helping people lead healthier lives. The faculty is guided by three key priority areas:

1. Research and research training programs
2. Flagship and core learning and teaching programs
3. Translation of education and research; knowledge into person and place, practice and policy

Health is influenced by many factors in our society and is underpinned by knowledge that ranges from the cultural to the molecular, so our degrees reflect the fact that health care goes beyond the work done by doctors, nurses, psychologists, dentists and other health practitioners.

The Faculty achieved an outstanding outcome in Excellence in Research for Australia (ERA) 2012 and 2015, with an overall field of research rating of 5, “well above world average”. Each of our schools are heavily committed to a wide range of exciting and diverse and ground breaking aspects of health research.

The Adelaide Health and Medical Sciences building

The Adelaide Health and Medical Sciences building will support medicine, nursing and dental students as well as the University of Adelaide health sciences researchers in the new South Australian Health and Biomedical Precinct (SAHBP). Located in the city’s West End and at a total cost of AUD $246 million, the new 14-storey building is the largest capital works project in the University’s history. The building is progressing on schedule, and will be ready for students in semester one, 2017.

Co-located with the new Royal Adelaide Hospital (nRAH) and South Australian Health and Medical Research Institute (SAHMRI), the facility will continue to build on more than 130 years of University of Adelaide partnership with the RAH. The vision for the building is ‘transforming health education, research and patient care’, taking programs into the future with state-of-the-art facilities, the incorporation of new teaching styles and the latest technologies, including simulations and digital platforms. Students, teachers, researchers, clinicians and patients benefit from being together in a single location. This will ensure the University can recreate in the new precinct the integrated health sciences environment it has enjoyed for so long at Frome Road. Health Sciences contributes nearly half of the University’s research, and its impact on the wellbeing of the community continues to be enormous.

This building will ensure the University’s continued support and enhancement of the health of South Australians long into the future. The new building is an integral part of the Faculty of Health Sciences’, which includes the SAHBP, Frome Road, North Terrace, the Women’s and Children’s Hospital, the Lyell McEwin Hospital, the Queen Elizabeth Hospital, Rural and Remote Areas and the needs of Oral Health across the state.

It will represent a new era in Australian medical education modelled on leading international university hospital precincts. For more information visit: adelaide.edu.au/west-end

Artist’s impression of the new University of Adelaide Medical and Nursing School building
Associate Professor
Lisa Jamieson
Director, Indigenous Oral Health Unit, School of Dentistry

Awards
NHMRC Career Development Fellowship, numerous grants from NHMRC

Research Impact
Increasing profile of poor oral health experienced by Indigenous groups both in Australia and at an international level.

Students I am currently supervising:
Megan Rebuli (Indigenous public health, nutrition; PhD), Eleanor Parker (Indigenous dental; PhD), Marko Spence (Indigenous dental; DClinDent).

I chose to research in my field because:
The inequities experienced by Indigenous groups at an international level and of the importance of conducting top-quality research as a way of mitigating such disparities.

My favourite part of being a supervisor is:
Working with such varied people from a range of background, cultures and perspectives. All have so much to offer in the Indigenous oral health research space.

What makes a successful supervisor and student partnership?
Listening, displaying respect and having a deep passion for both the specific research questions of the project and of the field at a broader level.

Why research Indigenous oral health at the University of Adelaide?
World class researchers in dental public health and oral epidemiology more generally; fantastic supportive environment in the wider University context.

Projects you may be interested in:
Discrimination and oral health; critical reviews in experience of dental disease; connections between periodontal health and general health.

My students have gone on to:
Be co-director of the Indigenous Oral Health Unit, work in specialised fields (paediatrics, orthodontics, special needs).

Recent publications
Dentistry

Reasons to conduct research in Dentistry at the University of Adelaide

1. World-class dental expertise
2. Internationally recognised researchers and supervisors
3. Excellent collaborations with local, interstate and international institutions and industry

About the school
The School of Dentistry is one of the oldest and most distinguished dental schools in the Australian university sector. The school has a renowned history of innovation, quality graduates and outstanding achievements by a multicultural community of dedicated staff and talented students. The school was listed in the top 25 worldwide in the 2015 QS University rankings and enjoys the highest H-index citations of any school in Australia. Furthermore the dental school at the University of Adelaide is the only dental school in South Australia and will house new clinical facilities which is expected to open during 2017 to complement the state-of-the-art Dental Stimulation clinic. The school offers a range of postgraduate courses including dental specialty training, masters and PhD programs.

Research areas
> Craniofacial biology
> Dental education
> Endodontics and pulp biology
> Forensic odontology
> Oral and maxillofacial surgery
> Oral microbiology and immunology
> Oral pathology
> Orthodontics
> Paediatric dentistry
> Periodontics
> Restorative dentistry

To find a supervisor, submit a research proposal or learn more about this area of research, visit: health.adelaide.edu.au/dentistry/research

Postgraduate coordinator
Associate Professor Neville Gully
E: neville.gully@adelaide.edu.au

Further information or advice
School of Dentistry
Oliphant building, Level 5,
North Terrace campus
The University of Adelaide
SA, 5005, Australia
T: +61 8 8313 5256
F: +61 8 8313 3444
E: dentistry.reception@adelaide.edu.au
W: health.adelaide.edu.au/dentistry

Research centres
> Australian Research Centre for Population Oral Health
  adelaide.edu.au/arcpoh
> Centre for Orofacial Research and Learning
  adelaide.edu.au/coral
> Colgate Australian Clinical Dental Research Centre
  health.adelaide.edu.au/dentistry/colgate

Research units
> Dental practice education research
> Dental statistics and research
> Indigenous oral health
> Oral health promotion clearinghouse
> Health services research
> Centre of Research Excellence in primary oral health care
> Centre of Research Excellence in dental health services research

Joining the Australian Research Centre for Population Oral Health (ARCPOH) was one of the best decisions I have made. The staff at ARCPOH are extremely friendly and encouraging and gave me the opportunity and space to think more and come up with new ideas.
**Reasons to conduct research in Medicine at the University of Adelaide**

1. World-class and highly successful researchers, academic teachers and enthusiastic and motivated clinical titelholders

2. Highly successful track record in attracting external competitive research grant funding and support

3. A multidisciplinary research agenda with an enormous range of opportunities and partnerships

**About the school**

The School of Medicine has a strong vision for the future and a vibrant history, offering a stimulating research environment, excellent facilities, supervisors who are respected internationally for their work, and partnerships with some of South Australia’s great medical research institutions. Students who choose to study a higher degree by research in the School of Medicine, will find the time they spend with us will be one of the most exciting and satisfying of their life. Many of our graduates go on to win local, national and international awards, with Nobel laureates Howard Florey for his work in developing penicillin and, more recently, J. Robin Warren for his contribution to medicine.

The school comprises almost 1,800 academic staff and clinical titleholders across a wide range of clinical interests with a supportive and effective research agenda. At any one time there are over 300 students enrolled in honours, masters and PhD programs.

The School of Medicine strives to continually maintain its position as one of Australia’s medical research powerhouses. When students join the School of Medicine, they’re part of a research community that has a great past – and a bright future.

**About the disciplines**

The disciplines within the School of Medicine offer many dynamic research-intensive environments that foster excellence in interdisciplinary research and teaching, and nurture the development of our students to reach their full potential. It provides the foundation for careers in medicine, dentistry and the allied health sciences by investigating and understanding:

- the functions of the body
- the causes and mechanisms of disease and its consequences
- the factors influencing healthy ageing
- cardiovascular studies
- how drugs may be used to improve health and quality of life
- reproductive biology and medicine
- maternal, fetal and child health

**Research areas**

**Acute-care Medicine**
Postgraduate coordinator
Dr Jenny Ong
E: jennifer.ong@adelaide.edu.au
health.adelaide.edu.au/acm

**Anatomy and Pathology**
Postgraduate coordinator
Dr Frances Corrigan
E: frances.corrigan@adelaide.edu.au

**Centre for Traumatic Stress Studies**
Postgraduate coordinator
Dr Miranda Van Hooff
E: miranda.vanhooff@adelaide.edu.au
health.adelaide.edu.au/ctss

**General Practice**
Postgraduate coordinator
Dr Miranda Van Hooff
E: miranda.vanhooff@adelaide.edu.au
health.adelaide.edu.au/gp

**Medical Sciences**
Postgraduate coordinator
Dr Tania Crotti
E: tania.crotti@adelaide.edu.au

**Medicine**

**School of Medicine**
Postgraduate coordinator
Professor David Callen
E: david.callen@adelaide.edu.au

**South Australian Health and Medical Research Institute**
Postgraduate coordinator
Associate Professor Amanda Page
E: amanda.page@adelaide.edu.au
Associate Professor Leonie Heilbronn
E: leonie.heilbronn@adelaide.edu.au
Associate Professor Lisa Butler
E: lisa.butler@adelaide.edu.au

**The Queen Elizabeth Hospital (TOEH/BH)**
Dr Peter Zalewksi
E: peter.zalewski@adelaide.edu.au

**Obstetrics and Gynaecology**
Postgraduate coordinator
Dr Carmela Ricciardelli
E: carmela.ricciardelli@adelaide.edu.au

**Ophthalmology**
Postgraduate coordinator
Dr Jagjit Gilhotra
E: jagjit.gilhotra@adelaide.edu.au

**Orthopaedics and Trauma**
Postgraduate coordinator
Professor Gerald Atkins
E: gerald.atkins@adelaide.edu.au

**Paediatrics**
Postgraduate coordinator
Associate Professor Simon Barry
E: simon.barry@adelaide.edu.au

**Pharmacology**
Postgraduate coordinator
Dr Femke Buisman-Pijlman
E: femke.buisman-pijlman@adelaide.edu.au

**Physiology**
Postgraduate coordinator
Dr Elizabeth Beckett
E: elizabeth.beckett@adelaide.edu.au

**Psychiatry**
Postgraduate coordinator
Dr Catherine Jawahar
E: catherine.jawahar@adelaide.edu.au
Rural Health
Postgraduate coordinator
Dr Miranda Van Hooff
E: miranda.vanhooff@adelaide.edu.au
health.adelaide.edu.au/rural

Surgery
The Queen Elizabeth Hospital
Postgraduate coordinator
Dr Prue Cowled
E: prue.cowled@adelaide.edu.au

Research institutes
> The Basil Hetzel Institute for Translational Health Research
basilhetzelinstitute.com.au
> The Robinson Research Institute
adelaide.edu.au/robinson-research-institute/
> The South Australian Institute of Ophthalmology
health.adelaide.edu.au/ophthalmology

Research centres
> Adelaide Centre for Neuroscience Research
adelaide.edu.au/neuroscience
> Centre for Orthopaedic and Trauma Research
adelaide.edu.au/ortho-trauma
> Centre for Heart Rhythm Disorders
adelaide.edu.au/chrd
> Centre for Personalised Cancer Medicine
adelaide.edu.au/cancer-medicine
> Centre for Research Excellence in Translating Nutritional Science to Good Health
adelaide.edu.au/cre-nutrition
> Centre for Clinical and Experimental Transplantation
ccet.org.au
> DASSA WHO Collaborating Centre
health.adelaide.edu.au/medicine/facilities/dassa
> Freemasons Foundation
Centre for Men’s Health
adelaide.edu.au/menshealth
> Vascular Research Centre
sahmri.com/our-research/themes/heart-health/groups/vascular-research-centre
> Clinical Psychiatry Research Centre
health.adelaide.edu.au/psychiatry/research_centres/clinical_psychiatry
> Pain and Anaesthesia Research Clinic
adelaide.edu.au/painresearch
> Translational Mind and Brain Centre
health.adelaide.edu.au/psychiatry/research_centres/translational
> Psychiatric Neuroscience Centre
health.adelaide.edu.au/psychiatry/research_centres/psychiatric_neuroscience
> The Health Observatory
thehealthobservatory.org.au

Further information or advice
School of Medicine
Medical School South, Level 3,
Frome Road,
The University of Adelaide,
SA, 5005, Australia
T: +61 8 8313 8163
E: somresearch@adelaide.edu
Professor
David Haynes
Head of Discipline,
Anatomy and Pathology

Fields of research
Bone and joint research

Award
Past President of the Australian New Zealand Orthopaedic Research society

Research Impact
The University is a large part of my life and I have been working here for over 30 years. I graduated with honours and started as a technical officer in pathology. After a short time I developed a love for research and started a PhD in the 1980s so I could control my own research future. I was very fortunate that the University and my supervisors allowed me to do this. Since completing my PhD I have developed my own research and teaching and am now Head of Anatomy and Pathology.

I chose to research in my field because:
My studies have always been based on monocyte/macrophage cells. These cells have a very important role in many diseases and can adapt to many different cells types. At the present time I am particularly interested in the osteoclast derived from macrophages. These cells are very important in bone and joint disease.

My favourite part of being a supervisor is:
Interacting with the students and hearing their fresh ideas. I really enjoy helping them develop a professional approach and mature into successful independent researchers.

What makes a successful supervisor and student partnership?
It is very important to develop respect for one another. For a supervisor it means being supportive when the student needs help and particularly providing feedback on their work and writing. For the student this means keeping to timelines as much as possible.

Projects you may be interested in:
> understanding why orthopaedic implants fail
> finding new treatments for bone loss in rheumatoid arthritis and periodontal disease
> finding novel treatments to regulate bone loss by osteoclasts in inflammation.

My students have gone on to:
Several overseas institutions, including Harvard in Boston, Europe and Australia. They have also won many awards and have had important fellowships, including the C J Martin Fellowship. Several are now independent researchers and lecturers.
The Robinson Research Institute

Reasons to undertake research within the Robinson Research Institute

1. Achieved an ERA score of 5 for all three rounds (Well above world-class research), the only institution in our area in Australia to achieve this

2. Internationally recognised as leading research in reproduction, pregnancy and child health, with many of the world’s leading researchers as Institute Research Leaders

3. Collective of 350+ researchers dedicated to collaboratively answering some of the world’s leading health questions

About the institute

The Robinson Research Institute is a collective of internationally renowned researchers in human reproduction, pregnancy and child health at the University of Adelaide. The institute focuses on the early stages of life to improve the health and well-being of children and families over the life course and across generations, in Australia and around the world. Tackling the earliest phases of life is the key to solving many of the major health conditions affecting Australians and people across the globe.

Focussing on conception, pregnancy, and the infant and child will deliver great dividends in community and population health – raising healthy children from the start and reducing chronic disease development later in life. Students can be part of the Institute’s world-leading research by undertaking projects in the areas below.

Research areas

- Fertility and conception
- Reproductive and childhood cancers
- Preventing and alleviating infertility
- Pregnancy and birth
- Understanding and optimising fetal growth
- Preventing preterm birth
- Early origins of health
- Maternal and childhood obesity
- Understanding origins of allergy
- Maximising brain development
- Child and adolescent health
- Preventing and reducing disability in children
- Pioneering interventions to improve the health of children

Postgraduate coordinator

Dr Carmela Ricciardelli
carmela.ricciardelli@adelaide.edu.au
and Associate Professor Simon Barry
simon.barry@adelaide.edu.au

To find a supervisor visit
adeliaedeu.au/robinson-research-institute-postgraduate-opportunities

Further information or advice

Robinson Research Institute
55 King William Road, Ground Floor,
North Adelaide,
SA 5006, Australia
+61 8 8313 1342
E: robinsonresearch@adelaide.edu.au
W: adelaide.edu.au/robinson-research-institute
We believe it is essential for nursing education to focus on the real world of practice and to generate strategies that will improve the health of individuals and communities through nursing knowledge and advanced nursing practice. We are closely aligned with clinical practice in the hospital, in the community and in residential care: and this is the focus of our research. Students in the school have access to staff consisting of some of Nursing’s leading scholars and clinicians.

Research centre
Centre for Evidence-based Practice South Australia (CEBSA): an Affiliate centre of the Joanna Briggs Institute aims to improve healthcare in South Australia through knowledge synthesis of research relevant to contemporary healthcare practices and knowledge translation activities in collaboration with our industry partners.

Research areas
Research within the School is focussed on four programs comprising:
> Knowledge Translation (lead Professor Gill Harvey), which investigates how to get research evidence into clinical practice.
> Fundamentals of Care (lead Professor Alison Kitson), which seeks to understand how the fundamentals of care are delivered to patients within health systems.
> Professional Practice (leads Dr Lynette Cusack and Professor Kristine Gabbie), which conducts research on the contemporary role of the nurse, nursing workforce, and nursing at the interface with the education, health care system and interdisciplinary teams.
> Healthy Ageing (lead Professor Alison Kitson), which focusses on advancing knowledge around the promotion and maintenance of health in our ageing population to keep people actively engaged in their community.

About the school
The School of Nursing brings together an energetic, enthusiastic group of nursing clinicians and academics interested in furthering nursing as a practice and as a discipline. Our academic staff are highly experienced clinicians and our teaching is informed by active, ongoing research that focuses on the experiences of health and illness, the practice of nursing and the effects of nursing on health outcomes.

The School of Nursing has a bright future with a large investment in new facilities, which is located within the South Australian Health and Biomedical Precinct (SAHPB) next to the new Royal Adelaide Hospital (nRAH) and the South Australian Health and Medical Research Institute (SAHMRI).

Reasons to conduct research in Nursing at the University of Adelaide
1. Internationally recognised leaders in knowledge translation research
2. A program of research specifically aimed at improving patient care
3. A track record of local and international innovative projects with our industry partners

Postgraduate coordinator
Dr Tim Schultz
E: tim.schultz@adelaide.edu.au

To find a supervisor, submit a research proposal or learn more about this area of research, visit: health.adelaide.edu.au/nursing/future-students/postgraduate

Further information or advice
The School of Nursing
Eleanor Harrald building, Level 3, Frome Road, The University of Adelaide, SA 5005, Australia
T: +61 8 8313 3595
E: nursing@adelaide.edu.au
W: health.adelaide.edu.au/nursing
At least 20 papers have been cited more than 50 times, with six papers being cited over 200 times, placing her in the top percentage of cited authors in nursing and knowledge translation worldwide.

Recent publications include:


Fields of research
Knowledge translation and transforming health systems and clinical practice and in particular the fundamentals of care

Awards
- Fellowship of the Royal College of Nursing of the United Kingdom (FRCN) for her work on Standards of Nursing Care in 1991
- Florence Nightingale Travel Fellowship in 1999
- Distinguished Graduate of the Year Award from her alma mater, the University of Ulster in 2002
- Florence Nightingale Leadership award in 2004
- Fellowship of the American Academy of Nursing (FAAN) in 2009.

She has active international research collaborations with colleagues in Sweden, Oxford, the Netherlands, Qatar, Alberta, Toronto and New Jersey.

Research impact
My interests and extensive experience are in knowledge translation, nursing research and practice and policy development.

I received my PhD in 1984, thesis titled 'Steps toward the Identification and Development of Nursing’s Therapeutic Function in the Care of the Hospitalised Elderly' from the University of Ulster. As Executive Director for the Royal College of Nursing in the United Kingdom between 2002 and 2007, I was responsible for the delivery of professional services to 350,000 members of Royal College of Nursing. From 1996 to 2002, as Director for the Royal College of Nursing Institute, I was responsible for the delivery of professional services to 350,000 members of Royal College of Nursing. From 1996 to 2002, as Director for the Royal College of Nursing Institute, I was responsible for post-registration/post-graduate and research activity for the College. In 2007, I was delighted to become the Inaugural Educational Fund Fellow for the Royal Adelaide Hospital. In 2009, I was awarded the post of Professor and Head of the Discipline of Nursing at the University of Adelaide. In 2011, I was appointed as the Dean and Head of School of Nursing. From 2013 to 2015, I also held a leadership position as Executive Director of Nursing (Innovation and Reform) for the Central Adelaide Local Health Network (CALHN) within SA Health. This position incorporated the annual meetings of the Joanna Briggs Colloquium, the Guideline International Network group, the Canadian Institutes of Health Research-funded conferences, and numerous professional nursing meetings in Australia, Singapore, the United States and Europe.

Most recently, I have been approached by the Centre for Disease Control (CDC) in Atlanta to serve on an expert panel around context and the translation of evidence in managing violent behaviour. I have been an invited speaker at numerous international and national scientific and professional meetings.

I am also a current member of the Implementation and Evaluation Committee of the South Australian Advanced Health and Research Translational Centre, and the SA Health Ministerial Advisory Board – Transforming Health.

I chose to research in my field because:
I really wanted to improve the care patients get from nurses and other health professionals.

What makes a successful supervisor and student partnership?
Working at it.

Why research nursing at the University of Adelaide?
We have the best team in knowledge translation and fundamentals of care work.

Recent publications
Professor Kitson has co-authored over 120 peer-reviewed papers and 12 book chapters and publishes consistently in top ranking journals related to nursing and in particular around innovations, leadership and new roles (Journal of Advanced Nursing, Journal of Nursing Management, International Journal of Nursing Practice) and knowledge translation research (Implementation Science, International Journal of Evidence Based Health Care, Safety and Quality in Health Care).

At least 20 papers have been cited more than 50 times, with six papers being cited over 200 times, placing her in the top percentage of cited authors in nursing and knowledge translation worldwide.

Recent publications include:

Public Health

Three reasons to conduct research in Public Health at the University of Adelaide

1. Internationally renowned researchers
2. Translational focus with strong links to government health systems and industry
3. Commitment to developing higher order skills for higher degree by research students

About the school
We practise public health through our engagement as a community of leading scientists, educators and students to advance innovative ideas to change individual behaviours, public policies, and health care practices.

We are recognised locally, nationally and internationally for our research. We were rated as an ERA ‘5’ in 2015. Our senior academic staff are leaders in their fields – in areas such as child health and development, life course epidemiology, genetic epidemiology, health technology assessment, economic modelling, health impacts of climate change, indigenous health, community engagement and the use of deliberative methods in health research.

Research areas
The School of Public Health conducts diverse quantitative and qualitative research in a range of areas concerned with:
- Early child health and development
- Deliberative community engagement
- Lifecourse health
- Environmental health and climate change
- Occupational health
- Indigenous health
- Health economics and evaluation
- Evidence-based health policy
- Health system planning
- Genetics and public health
- Biostatistical methodology

To find a supervisor, submit a research proposal or learn more about this area of research, visit: health.adelaide.edu.au/public-health

School of Public Health
Postgraduate coordinator:
Dr Jaklin Elliott and
Associate Professor Lynne Giles
E: jaklin.elliott@adelaide.edu.au or lynne.giles@adelaide.edu.au

Further information or advice
School of Public Health
Terrace Towers building, Level 11,
178 North Terrace,
The University of Adelaide,
SA, 5005, Australia
T: +61 8 8313 4131
F: +61 8 8313 3339
E: sphadmin@adelaide.edu.au
W: health.adelaide.edu.au/public-health
Professor John Lynch
Professor of Epidemiology and Public Health

Fields of research
- Early childhood health and development
- Social disadvantage
- Population health information systems
- Evidence-based public health
- Improving the public health research-policy and practice nexus

Awards
- Thomson Reuters World High Cite Scientist (2014, 2015)
- Fellow Australian Academy Health and Medical Sciences (2015)
- NHMRC Australia Fellow (2009–2014)
- Canada Research Chair (2005–2008)
- Honorary Doctorate in Medicine from University of Copenhagen (2007)

Projects you may be interested in:
- Interventions to reduce inequalities in child healthy development
- Using linked data to monitor population health and interventions
- Screening for poor child development
- Understanding population trajectories of healthy child development
- Evaluation of a nurse-led home visiting program
- Cognitive and non-cognitive characteristics, child development, health behaviours and social trajectories of human capability formation

My students have gone on to:
I have mentored over 20 postdoctoral research fellows, supervised more than 30 PhD students and many masters students in epidemiology and public health. They all successfully completed their programs and more than 90 per cent of those students remain active in public health research in academia, government and non-government organisations. I currently supervise eight postdocs and seven PhD students.

Recent publications
I have published more than 300 papers in all of the leading medical, epidemiology and public health journals. This work has received more than 28,500 Google Scholar citations with an H-Index of 85.
The Joanna Briggs Institute – Faculty research centre

Three reasons to conduct research in the Joanna Briggs Institute, at the University of Adelaide

1. Global reputation for excellence and innovation in systematic review methodology, knowledge translation, implementation of best practice and collaboration

2. Supervisors recognised for international leadership in the theory, methodology and applied research methods for evidence-based healthcare across Medicine, Surgery and the Allied Health Professions

3. Access to the knowledge and resources and publication power of a global collaboration that operates within the Faculty of Health Sciences

About Joanna Briggs Institute (JBI)
JBI offers dynamic learning and research opportunities and a collegial experience that extends well beyond the classroom, engaging practitioners and policy makers across the health sciences, combining research expertise with high impact scholarship and opportunity for students locally and internationally.

JBI has a multidisciplinary academic workforce and seeks to engage health professionals from across all disciplines to develop skills and advanced knowledge and understanding for evidence-based healthcare.

The Joanna Briggs Institute, specialises in taught and research higher degree programs, provides students with the skills, tools and resources for systematic reviews and implementation studies that are underpinned by internationally recognised methodologies and methods.

Research areas
Building on the Joanna Briggs Institute model of evidence-based health care, and using our comprehensive suite of automated online data collection and analysis systems, the research teams at JBI design and conduct projects for evidence-based healthcare that incorporate:

> Synthesising evidence: systematic reviews of global evidence
> Situational analyses: implementation planning for policy and practice based impact
> Investigating gaps: identifying and confirming future research priorities
> Conducting evidence implementation/utilisation: embedding best practice at the point of care

Postgraduate coordinator
Dr Craig Lockwood
E: craig.lockwood@adelaide.edu.au
To find a supervisor, submit a research proposal or learn more about this area of research, visit: health.adelaide.edu.au/translational/future-students

Further information or advice
The Joanna Briggs Institute
T: +61 8 8313 4880
F: +61 8 8313 4881
E: jbi@adelaide.edu.au
W: health.adelaide.edu.au/translational
W: joannabriggs.org
Fields of research
> Translational health science
> Communication science
> International collaboration
> Evidence-based health care

Awards
> University of Adelaide Doctoral Research (Gold Medal Award)
> Go8-C9 Research and Academic Leadership Executive Shadowing Program

Research impact
My interests relate to contemporary approaches to international communication and collaboration, with particular reference to the emerging interrelationship and convergence of communication and culture in the context of a global society.

I chose to research in my field because:
I want to make a meaningful contribution to the community in which I live. I believe that the effective translation of evidence into practice can indeed contribute to improved health outcomes in the community.

My favourite part of being a supervisor is:
As a supervisor I am in a unique and privileged position where I have an opportunity to learn about student interests across a diverse, multidisciplinary spectrum and to foster a desire in others for lifelong learning.

What makes a successful supervisor and student partnership?
The ability to communicate effectively with each other and be organised.

Why conduct translational research at the University of Adelaide?
The Faculty of Health Science at the University of Adelaide has made translation science a priority, placing it as a third strategic pillar along with research and learning and teaching. The end result is a dynamic, innovative, multidisciplinary approach to research translation that is unique in the world. There is a wealth of expertise and international experience in this field within the faculty, making it a ground-breaking place to work and study.

Projects you may be interested in:
Any areas relating to communication science, international collaboration, evidence-based practice, or health.

Recent publications
Three reasons to conduct research in Psychology at the University of Adelaide

1. World-class expertise in behavioural science
2. A proud tradition and long history of successful graduates
3. Research opportunities within diverse areas of psychology

About the school
The School of Psychology has a proud history at the University of Adelaide and comprises academics active in research, dynamic students, teaching clinics and practices, and a vibrant community; this inevitably culminates in high quality research, teaching and learning.

The school’s research strengths span several core areas of psychological inquiry and it has a vibrant PhD student body with over 80 higher degree research students, studying across the various research areas and at various stages of their candidature.

Research areas
The research activities within the school fall within three over-arching areas:
> Brain and Cognition
> Social and Organisational Health
> Disability and Lifespan Development

health.adelaide.edu.au/psychology/research

Postgraduate coordinator
Associate Professor Amanda LeCouteur
E: amanda.lecouteur@adelaide.edu.au

To find a supervisor, submit a research proposal or learn more about this area of research, visit:
health.adelaide.edu.au/psychology

Further information or advice
The School of Psychology
Hughes building, Level 4,
North Terrace campus
The University of Adelaide,
SA, 5005, Australia
T: +61 8 8313 5693 (country and interstate callers toll free on 1800 061 459)
F: +61 8 8313 3770
W: health.adelaide.edu.au/psychology
I believe Adelaide is the perfect place to study wine. The University of Adelaide offers courses in viticulture, sensory studies and wine marketing to name a few. The wine regions of the Barossa Valley and McLaren Vale are easy drives from the city and provide many opportunities to enhance your learning experience.

Daigo Okawa
Master of Wine Business
Architecture

Reasons to conduct research in Architecture and the Built Environment at the University of Adelaide

1. Highly qualified, nationally and internationally recognised staff
2. Interdisciplinary school with a shared focus on urban design
3. Close working relationships with architecture and landscape architecture practitioners

The School of Architecture and Built Environment has three major research areas and has a strong preference for enrolling higher degree by research candidates in sustainable built environment; architectural history, theory and culture; and design research and learning. We specialise in delivering internationally recognised programs in architecture, landscape architecture, planning and urban design. Our programs are professionally accredited by the Australian Institute of Architects, the Australian Institute of Landscape Architects and the Planning Institute of Australia (PIA). At Adelaide we are recognised for training graduates to the highest professional standards in an educational culture that also values and encourages a theoretical and reflective approach.

Research centres and units

- Centre for Asian and Middle Eastern Architecture (CAMEA)
  architecture.adelaide.edu.au/research/groups/asian-middle-eastern-architecture/
- China Australia Sustainable Research Unit (CASRU)
  architecture.adelaide.edu.au/research/groups/china-australia/

Research areas

Sustainable built environment
- Zero-energy/zero-carbon building designs
- Human thermal comfort
- Ethics in the built environment
- Landscape design for future climates
- Water-sensitive urban design
- Productive landscapes for food security.

- Sustainable performance assessments, including energy use in buildings, post-occupancy evaluation, building performance simulation, and environmental and economic assessments of designs
- Minimising urban heat through appropriate landscape and building design, including green roofs and walls.

Architectural history, theory and culture
- Islam and secular urban culture in early-modern Middle East
- History and theory of Islamic architecture (modern and pre-modern)
- Arab-Islamic intellectual history (17th–18th centuries)
- Modern Indian architecture
- Architecture and planning history of British India and Ceylon
- Colonial and contemporary issues in Asian architecture
- Australian-Asian exchange in architecture and the building industries
- Transnational networks of architectural production in Asia and Africa
- Comparative cultural landscape studies
- Cultural landscape interpretation and conservation
- History of design and planning (landscape and urban)
- Landscape and environmental design and planning
- Cross-cultural approaches to design pedagogy
- Cross-cultural/cross-disciplinary studies in design and practice.

Design research and learning

Within this area, research is undertaken in a variety of modes concerned with design practice, including the following:
- The activity of designing in the disciplines of Architecture, Landscape Architecture and Urban Design is undertaken as a research activity where built outcomes are both the ongoing experiment and the outcome of experiments in the formal and material resolution of specific questions about landscapes, built structure, cities and the demonstrable relationships they represent.
- Research into the production of designed works by designers includes both critical reflection and curatorial re-documentation of past work, as well as the development and testing of a new design methods through new design projects.
- Teaching and learning pedagogies for design practice and research are themselves researched through examination of design practice methodologies in education.

Further information or advice
professions@ask.adelaide.edu.au

To find a supervisor or submit a research proposal submit an enquiry at:
adelaide.edu.au/study/postgraduate/research-degrees/more-info/

To learn more about the school’s areas of research please visit:
architecture.adelaide.edu.au/research

T: +61 8 8313 5696
F: +61 8 8313 4377
E: alison.bosnakis@adelaide.edu.au

Conducting my PhD research on ‘The history of medieval gardens and landscapes’, under the supervision of supportive world-class professionals at the University of Adelaide has been an exciting adventure which has opened the doors of perception, insight and opportunities to me.

Zahra Ranjbari
PhD in Architecture
Dr Katharine Bartsch

Fields of Research
- Architecture and Islam in Australia
- History and Theory of Islamic Architecture and Gardens
- Human Mobility and Architectural Hybrids

Awards/Grants
- ARC Linkage Grant, The Architecture of Australia’s Muslim Pioneers, 2013-2016 (with Peter Scrivener and Partner Institutions SA Museum and International Islamic University, Malaysia, IIUM).
- Faculty Women’s Fellowship, 2013
- Executive Dean of the Professions’ Prize for Excellence in UG Teaching, 2007

I chose to research in my field because:
My research interests stem from professional practice. Early in my career at a prominent local firm the team was commissioned to design a mosque in Dubai, UAE. The design sparked a lively debate and raised many questions. I wanted to learn more about the capacity of architecture to materialise faith amidst intense cultural intersections today. Islam is a global faith. It has never existed in a vacuum. The emergence and diffusion of Islam can be traced along routes of migration, pilgrimage, trade, or travel in pursuit of knowledge. Given this context of mobility and the cultural encounters that it engenders, the goal of my research is to interpret the complexity and diversity of Muslim communities that is materialised in the built environment. Thus, my research is interdisciplinary, reaching beyond conventional discourses of architecture, to obtain rich insights from anthropology, cultural geography, world systems theories, postcolonial theory, and the history of travel. This approach enables a critical understanding of the production and transformation of the predominantly hybrid architecture of Muslim communities; a compelling counter-narrative to monolithic representations of ‘so-called’ Islamic architecture.

My favourite part of being a supervisor:
I am honoured to work with passionate, intelligent students from around the world. It is rewarding to see how our students’ original research can improve people’s quality of life through new knowledge, sustainable initiatives, innovative policy or professional practice.

What makes a successful supervisor and student partnership?
We are fortunate to attract excellent research students to the School of Architecture and Built Environment. However, every student arrives with different strengths, abilities and expectations. It is important to establish what these are early on and to set clear milestones to ensure a transparent partnership where intellectual rigour, communication and mutual respect can thrive.

Why research architecture and built environment at the University of Adelaide?
Our dedicated supervisors are recognised nationally and internationally for their expertise in three key areas: sustainable architecture and landscapes; architectural history, theory and culture; and design and research. As a result, our School can offer supervision for a wide range of topics. This breadth is enhanced by our nimble collaboration with supervisors from other disciplines to form the most appropriate supervision panel for individual students. This guidance is complemented by our supportive, collegial research community.

Recent student completions:
- Kinda Samara, M.Phil., completed 2015. The Rise of Modern Urbanity (tamaddun) in the Arab World: Education, Journalism, and Enlightenment (with Principal Samer Akkach)
- Georgina Häfth, M.Phil., Completed 2012. The Unique Garden Culture of Damascus, 1600-1800 (with Principal Samer Akkach)
- Namrata Vishwasrao, PhD, awarded 2011. Sustainable Water Management in Semi-Arid India: Learning from the Gond and Kohli Indigenous Communities (with Principal David Jones)

For a full list of my current students view adelaide.edu.au/directory/katharine.bartsch

My students have gone on to:
I welcome students who aim to bridge the gap between research and practice. I am thrilled that my students are now making positive contributions in local government, practice and academia.

Recent Publications
Reasons to conduct research in Business at the University of Adelaide

1. Research initiatives that have real life and commercial impact
2. Strong research alliances with business industry partners
3. Cross-disciplinary research within other areas of the University

Research in the Business School is by its very nature set in the global context. We recognise the part our international students play in contributing to the creation and dissemination of knowledge in their field and welcome their input into the life of our school. Our students are aided in their major research study by the personal supervision of two or more of our highly qualified academic staff. This major research project is completed independently to allow our students to develop all the skills they require for a career in their area of interest. Resources are made available to our students to provide them with the best possible pathway for success. We ensure they feel welcome and are well supported with facilities, supervision and language support which are all state-of-the-art. During their time with us, students come into contact with some of the best researchers in their field of study and have access to the latest research tools. The Business School excels in many research areas, and we invite you to explore these areas, centres, and institutes in the following pages. We look forward to working with you.

Research centres
- International Centre for Financial Services adelaide.edu.au/icfs
- Entrepreneurship, Commercialisation and Innovation Centre ecic.adelaide.edu.au/

Research institutes
- Institute for International Trade iit.adelaide.edu.au

Research unit
- Global Food Studies adelaide.edu.au/global-food/

Research areas
Accounting and information systems
- Professional ethics
- Auditing
- Budgetary planning and control
- Financial accounting
- Financial disclosure and segment reporting
- Management accounting
- Not-for-profit management and accounting
- Public sector management and accounting
- Family business
- Accounting and gender, education, history and regulation.

Banking, property and finance
- Asset pricing
- Banking
- Behavioural finance
- Capital structure
- Computational finance
- Corporate diversification
- Corporate governance
- Corporate risk management
- Derivatives markets
- Dividend policy
- Executive compensation
- Fixed-income securities
- Funds management
- Insurance
- International finance
- Market efficiency
- Real estate finance
- Trading strategies
- Tax planning and anti-avoidance
- Taxation of trusts and the impact of administrative review on tax law
- Directors duties
- Corporate governance issues
- Shadow and de facto directors
- Tax policy
- Environment issues and regulations
- Management corporate strategy
- Ethics
- Human resource management
- Systems thinking.

By studying at the University of Adelaide, I have had the privilege to work alongside world-renowned scholars and to share their insights. The doctorate program was an incredibly rewarding experience. Having now completed my PhD, I can say with confidence that I have developed many key life and research-based skills. I would strongly recommend the doctorate program to aspiring research students.
During my time at the University of Adelaide, I have moulded and refined my research skills via great learning environments and liaison with diverse practitioners provided by the school. Discussion with supportive academic staff has inspired me to broaden and deepen my insights into my research area and consolidate my knowledge. It has been a privilege to find myself amongst highly recognised researchers at the University of Adelaide. It is an extremely positive environment for ‘research interested’ students.

Jessica Moonhee Yi
PhD Accounting

Entreprenuership, Innovation and Project Management
- Complex systems
- Systemic risks
- Early-stage venture start-up and family finance
- Entrepreneurial behaviour (socially or commercially oriented)
- Nascent or existing entrepreneurs
- Venture creation process
- Expansion and revitalisation of existing ventures
- Firms’ ability to create innovative sustainable advantages
- Innovation management
- Knowledge transfer for innovation purpose
- Creativity and innovation
- Strategic innovation
- Regional entrepreneurship eco-systems
- Entrepreneurial development
- Entrepreneurship education
- Entrepreneurial policy frameworks
- Entrepreneurial opportunity
- Project management
- Innovation management in SMEs
- Family business/SMEs.

Global food and agriculture
- Food security
- Consumer behaviour
- Agriculture value chains
- Food policy
- Agriculture policy
- Environmental economics and policy
- Agricultural and food economics
- Agricultural development economics
- Organic agriculture
- Water trading
- Biotechnology.

International business
- Internationalisation process
- International entrepreneurship
- Globalisation and trade
- International business strategy
- Services internationalisation
- International marketing
- International buyer-seller relationships
- International human resource management
- Mergers and acquisitions
- International leadership
- Strategic management of international alliances and networks
- Organisational sustainability
- Ethics and technology
- Knowledge transfer and innovation management.

International trade
- International trade
- Trade policy
- International trade law
- Trade and development
- Foreign direct investment
- Trade negotiations
- Trade in services.

Wine business
- Domestic and international market development
- Australian wine in the Asian century: production and cost efficiencies
- Wine brand development
- Innovative wine product development
- Consumer choice preferences
- Wine and food tourism
- Sustainable wine industry business practices
- Public policy and health.

Marketing
- Business relationships and networks
- Services marketing
- Market orientation
- Internal marketing
- Dynamic capabilities
- Consumer choice and decision-making
- Wine marketing
- Supply chains
- Employer branding
- Social media
- Fast moving consumer goods
- Brand management
- Product design
- Business relationships and networks supply chains
- Time and timing in business markets
- Relational norms
- Services marketing university-industry linkages
- Marketing education
- Corporate social responsibility
- Electronic marketing
- Consumer adoption behaviour
- Extrinsic product cues
- Consumer knowledge and self-confidence
- Country of origin
- Crisis management.

Further information or advice
professions@ask.adelaide.edu.au
To find a supervisor, submit a research proposal or learn more about this area of research, visit: business.adelaide.edu.au/research
T: +61 8 8313 6455
F: +61 8 8223 4782
E: professions@ask.adelaide.edu.au
W: business.adelaide.edu.au
I chose to research my field because:
My research in consumer behaviour is fascinating, particularly when related to wine marketing in an international context. The opportunities for funding and international collaboration are excellent. Wine marketing in particular crosses all international borders and is employed using a wide range of consumer-to-business and, now even more importantly, via consumer-to-consumer channels. In this area of research, extrinsic cues such as label styles, retail environments etc, provide many opportunities for interesting studies that can make a strong commercial and theoretical contribution.

I also enjoy my country-of-origin work, not just as it relates to wine but also to services and cross-cultural studies. The services sector is a vital export earner for many countries, taking in both developed and emerging economies—because of the highly personal nature of service provision, again the influences of culture and country-of-origin stereotypes provide vast opportunities for interesting and important research.

My favourite part of being a supervisor:
I enjoy getting to know the student, helping them to develop robust studies—and seeing the results. It's satisfying journey, with opportunities to attend conferences together and ultimately to publish together. Finally, it is hugely satisfying to see students head off to make their own careers.

What makes a successful supervisor and student partnership?
Mutual respect and hard work on both sides. Also a clear understanding of the tasks to be completed and a mutual commitment to them.

Why research wine marketing at the University of Adelaide?
The University of Adelaide is very well placed to provide excellent support and opportunities for industry engagement in this sector. The Faculty of the Professions currently runs a program called Wine 2030 and this is endorsed and funded by the University.

My students have gone on to:
> work for a commercial market research company
> hold a senior brand-management role
> hold a senior administration position in another university
> hold a senior lecturing position in the VET sector.

Most are published in peer-reviewed journals and/or have presented their work (in honours for example) at Australian and international conferences (peer-reviewed).

Field of research
> Country-of-origin effects on consumer perceptions of product and service quality
> Organisational crisis management in international contexts
> International services marketing
> International wine marketing and consumer choice behaviours
> Cross-cultural influences on consumer behaviour and management decisions
> Consumer use of extrinsic and intrinsic cues in product quality assessments
> Consumer knowledge measurement and effects on purchase decisions
> Consumer brand attachment
> Brand communities
> Development of experimental designs (including conjoint analysis and max-diff)
> The influence of social media on consumer purchasing behaviour

Award
Reviewer of the Year 2011, The International Journal of Wine Business Research

Projects you may be interested in:
> Wine e-communities and social media
> Retail wine environments and shelf ‘clutter’
> Perceptions of new-world wines in emerging wine markets.

Recent publications
Economics

Reasons to conduct research in Economics at the University of Adelaide

1. Strong collaborative research in agriculture, food and wine
2. Home to the Adelaide Laboratory for Experimental Economics (ADLAB)
3. Opportunity to learn from visiting global leaders in economics through the ‘Geoff Harcourt’ visiting professorship

The School of Economics offers a supportive and collegial learning environment that enables students to receive individualised attention and the opportunity to interact closely with academic staff. We have a strong research base with diverse interests and specialise in international trade and policy, business cycle macroeconomics, cooperative, non-cooperative and behavioural game theory and applied econometrics. Many of our graduates have gone on to distinguished careers in the banking and financial sectors, in education, government, the Reserve Bank of Australia, as well as non-profit organisations such as the IMF and the World Bank.

Research centres
- Centre for International Economic Studies (CIES) adelaide.edu.au/cies
- South Australian Centre for Economic Studies adelaide.edu.au/saces
- Wine Economics Research Centre adelaide.edu.au/wine-econ

Research institutes
- Institute for International Trade iit.adelaide.edu.au

Research areas

**Applied econometrics**
- Econometric theory
- Financial econometrics
- Health economics
- Panel data
- Time-series econometrics
- Quantile regression.

**Trade and development**
- Agricultural and food policy
- Natural resources and development
- Political economy of trade-related policies
- Trade and climate change
- Trade, income inequality and poverty
- Trade theory
- Preferential trade and investment arrangements.

**Microeconomics**
- Political economy
- Public economics
- Environmental and resource economics
- Industrial organisation
- Design of contracts
- Market design
- Networks
- Behavioural economics and experiments
- Evolutionary dynamics
- Innovation and knowledge economics.

**Macroeconomics**
- Sunspots
- Great depressions
- Monetary policy
- News shocks
- Monetary theory
- Macro labour markets.

**Economic history**
- History of globalisation and trade institutions
- Historical economic geography
- Communications and information systems
- Australian economic development
- Australian labour markets
- Formerly centrally planned economies
- Indian economic history
- Indian economic history.

Further information or advice
professions@adelaide.edu.au
To find a supervisor or learn more about this area of research and submit a research proposal, visit: economics.adelaide.edu.au/research
Reasons to conduct research in Law at the University of Adelaide

1. World-standard cutting edge interdisciplinary research
2. Graduates are legal scholars with tremendous international reputations
3. High level of personal and quality academic supervision

The Adelaide Law School was founded in 1883 and is the second oldest law school in Australia. As part of the University’s tradition of excellence, the school prides its reputation as an international leader in legal research. For over 120 years, Adelaide Law School has been home to the leading Australian legal researchers of the day. The modern Adelaide Law School continues this fine tradition, with leading international and national scholars engaged in legal theory, public and private law, and cutting-edge interdisciplinary research. The school achieved an ERA ranking of 4 (performance above world standard) in the Australian Research Council’s 2012 research quality and evaluation.

Research centres
- Research Unit for the Study of Society, Law and Religion
- Litigation Law Unit (LLU)
- Public Law and Policy Research Unit (PLP RU)
- Bankruptcy and Insolvency Law Scholarship Unit
- The Adelaide Research Unit on Military Law and Ethics (RUMLAE)

Research areas
- Aboriginal legal issues
- Administrative law
- Anti-discrimination law
- Bioethics and the law
- Canon law
- Codification
- Commercial obligations
- Common law tradition
- Comparative constitutional law
- Comparative law
- Constitutional law
- Consumer law
- Contract law
- Corporate law
- Criminal law, sentencing and criminology
- Dispute resolution
- Drug law
- Ecological jurisprudence
- Electoral law
- Employment law
- Energy law
- Environmental law
- Equity
- European Union law
- Evidence
- Freedom-of-information law
- Housing law
- Human rights law
- Immigration and refugee law
- Insolvency
- Insurance
- Intellectual property law
- International law
- Intersection of law and theology
- Judges and judicial activism
- Justice access
- Justice in post-conflict countries
- Labour law
- Landlord and tenant law
- Lawyers and professionalism
- Law and religion
- Law of work, employment, labour and industrial relations law
- Legal education
- Legal ethics
- Legal history
- Legal scholarship
- Legal theory, feminist theory and socio-legal theory
- Medical law
- Native title

Further information or advice
professions@ask.adelaide.edu.au

To find a supervisor, submit a research proposal or learn more about this area of research, visit:
law.adelaide.edu.au/research/expertise

T: +61 8 8313 5063
F: +61 8 8313-5015
E: professions@ask.adelaide.edu.au
W: law.adelaide.edu.au

The opportunity to work on a PhD at the University of Adelaide has provided me with a wonderful sense of freedom to learn and pursue my own academic interests. The best part of my journey so far has been the opportunity to work with my supervisors.

Katherine Russell
PhD in Law
(Animal Law)
Associate Professor Peter Burdon

Awards
> Citation, Early Career Award, Academy of the Social Sciences in Australia, 2013
> University Doctoral Research Medal, 2012
> Executive Dean of the Faculty of the Professions Prize for Excellence in Teaching, 2011 (with Paul Babie and Paul Leadbeter)

Students I am currently supervising:
> David Moon (PhD), “The Legal Mind”. Jointly with Alex Reilly
> Kim Pedler (PhD), “Earth Jurisprudence and our Duty of Care”. Jointly with Alex Wawryk

I chose to research in my field because:
My research is motivated by the environmental crisis and trying to understand the relationship between law and environmental harm. My research is highly multidisciplinary and draws on law, philosophy, sociology, economics and political science.

My favourite part of being a supervisor is:
The opportunity to act as a mentor for young minds. There is so much more to doing a PhD than the thesis. It is really the opportunity to work closely with a mentor and be introduced to academic life.

What makes a successful supervisor and student partnership?
Clear communication, trust and respect. Each of these criteria builds organically over the course of a candidature and requires effort from both the supervisor and the student. I also help facilitate a community of scholars working in my disciplinary areas so that they can support candidates and provide intellectual guidance.

Why research law at the University of Adelaide?
The Adelaide Law School is a world-class research institution, ranked in the top 50 in the world. Through good management and decision-making we have attracted world-class scholars, and collectively we have fostered an environment dedicated to research.

Projects you may be interested in:
The main focus of my research is the environmental crisis and how human society might transition their laws, governance structures and social relations so that they support (rather than undermine) the health and integrity of the planet. I am also interested in projects relating to climate change and critical legal theory.

My students have gone on to:
My most recent dissertation student has just been awarded the Monash Scholarship and is now studying a SJD at Yale Law School.

Recent publications
6. ‘Realising Earth Democracy: Governance from Below’ in Laura Westra and Mirian Vilela (eds), The Earth Charter, Ecological Integrity and Social Movements (Routledge, 2014) 24
With my academic background in biochemistry and prior work experience in South Australian wineries, undertaking a PhD at the University of Adelaide Waite campus was a perfect fit for me. It is exciting to be part of a hub that is such an innovative leader in wine research, and my PhD is an opportunity for me to combine my academic experience with my passion for wine.

Lieke van de Hulst
PhD student
Agriculture, Food and Wine

Reasons to conduct research in Agriculture, Food and Wine at the University of Adelaide

1. World-class concentration of scientific expertise
2. World-class education and infrastructure
3. Well-established links with many partner organisations

About the school
The School of Agriculture, Food and Wine, based on the University’s Waite campus, has an outstanding reputation for research. Research strengths are in farming systems, food and nutrition, plant breeding and genetics, plant physiology, viticulture, plant protection, wine science and agricultural economics. The School is a member of the Wine Innovation Cluster that brings together all wine-related research across the Waite campus. The Plant Accelerator is the Adelaide branch of the Australian Plant Phenomics Facility. It houses the latest digital imaging technologies combined with high-capacity computing and robotics to allow the automated, high-throughput, continuous and non-destructive measurement of plant physical attributes (phenotypes). Other key research centres include the ARC Centre of Excellence in Plant Cell Walls and the FOODplus Research Centre.

Research institutes
> Waite Research Institute
  adelaide.edu.au/wri

Research centres
> FOODplus Research Centre
  adelaide.edu.au/foodplus
> ARC Centre of Excellence in Plant Cell Walls
  adelaide.edu.au/plant-cell-walls
> ARC Centre of Excellence in Plant Energy Biology (node)
> ARC Training Centre for Innovation Wine Production
  adelaide.edu.au/ittc-iwp
> ARC Research Hub for genetic diversity and molecular breeding for wheat in a hot and dry climate
> Australian Centre for Plant Functional Genomics
  acpfg.com.au
> The University of Adelaide and Shanghai Jiao Tong University Joint Laboratory for Plant Science and Breeding
> Fertiliser Technology Research Centre
  adelaide.edu.au/fertiliser

Research areas
> Farming systems
> Food and nutrition
> Plant breeding and genetics
> Plant physiology, viticulture and horticulture
> Plant protection
> Soil science
> Wine science.

Postgraduate coordinators
Dr Matthew Denton
E: matthew.denton@adelaide.edu.au
Professor Eileen Scott
E: eileen.scott@adelaide.edu.au
Dr Ken Chalmers
E: ken.chalmers@adelaide.edu.au
Dr Christopher Ford
E: christopher.ford@adelaide.edu.au
Dr David Jeffery
E: david.jeffery@adelaide.edu.au

Further information or advice
To find a supervisor, submit a research proposal or learn more about this area of research please visit:
sciences.adelaide.edu.au/research

School of Agriculture, Food and Wine
The University of Adelaide, Waite campus, PMB 1, Glen Osmond, SA, 5064, Australia
T: +61 8 8313 7105
E: agfoodwine@adelaide.edu.au
W: sciences.adelaide.edu.au/research/afw

Supervisor Spotlight – Agriculture, Food and Wine

Dr Kerry Wilkinson
Senior Lecturer of Oenology

Fields of research
> Organic chemistry
> Analytical chemistry
> Wine chemistry
> Sensory science

I chose to research in my field because:
It allowed me to apply my knowledge and skills in analytical chemistry to real life problems faced by grape growers and winemakers.

Research Impact
Through my research I hope to enable the Australian wine industry to better address challenges associated with climate change, rising production costs and changing consumer preferences. I also hope to inspire the next generation of wine scientists.

My favourite part of being a supervisor is:
It’s very rewarding to see students develop confidence in their ideas, their research and their capabilities as they progress through their PhDs to ultimately become independent researchers in their own right.

Why research wine at the University of Adelaide?
The Waite campus is home of the Wine Innovation Cluster, a consortium of partners devoted to grape and wine research. Between them, the collaborative partners possess a major share of the viticulture and oenology research, development, extension and education capabilities within Australia.

What makes a successful supervisor and student partnership?
For me it’s about sharing a common research interest and maintaining good communication.
Reasons to conduct research in Animal and Veterinary Sciences at the University of Adelaide

1. World-class scientific expertise
2. Quality infrastructure
3. Well-established links with many partner organisations and industry across animal species

About the school
The School of Animal and Veterinary Sciences is based at Roseworthy campus and has a range of vibrant research activities that cover a broad spectrum of species, including mollusks, fish, poultry, pig, sheep, cattle, wildlife, companion animals and horses. The campus has an outstanding environment for research, with quality infrastructure and access to a variety of industry and research facilities. The school has well-established links with many national and international partner organisations and relevant industries, which adds considerably to the research opportunities available. Research themes: Infectious diseases and public health, Animal health and welfare, Animal science and veterinary education, Anatomy, physiology and nutrition, Reproduction and genetics.

To find a supervisor, submit a research proposal or learn more about this area of research, please visit: sciences.adelaide.edu.au/research

Postgraduate coordinators
Professor Gordon Howarth
E: gordon.howarth@adelaide.edu.au
Dr Suong Ngo
E: suong.ngo@adelaide.edu.au

Further information or advice
School of Animal and Veterinary Sciences
The University of Adelaide,
Roseworthy campus,
Roseworthy,
SA, 5371, Australia
T: +61 8 8313 7987
E: avs_enquiries@adelaide.edu.au
W: sciences.adelaide.edu.au/research/vet

\[\text{Roseworthy Campus and its interdisciplinary networking enabled me to address fundamental questions on mammalian growth and development before birth that have lifelong consequences for health and performance of animals. Collaboration with leading experts from diverse research fields has boosted my career through the development of a broad and dynamic professional network.}\]
Awards
> Biotechnology in Animal Breeding Award 1999, H. Wilhelm Schäumann Foundation, Hamburg, Germany
> Research Award Molecular Animal Breeding 2004, Academy for Animal Health, Bonn, Germany

I am currently supervising:
PhD students Consuelo Estrella (Impact of genes in the thyroid-mitochondrial axis on bovine embryo-fetal growth and development) and Entesar Shuaib (Clinical chemical parameters of fetal fluids and maternal and fetal blood in the bovine model: effects of genetics and sex and relationships with placental-fetal phenotype), and several undergraduate students.

I chose to research in my field because:
It is multidisciplinary and covers basic and applied research, including developing advanced animal breeding strategies and animal models for human health.

My favourite part of being a supervisor is:
To see students develop and grow independent.

What makes a successful supervisor and student partnership?
Mutual respect, trust and a common desire to succeed.

Why research epigenetics and genetics in reproduction and development at the University of Adelaide?
The School of Animal and Veterinary Sciences offers great opportunities to work with fantastic staff and brand new facilities in an interdisciplinary environment.

Projects you may be interested in:
> mitochondrial bioenergetics, transcriptomics and proteomics in embryo-fetal growth and development
> sex-specific differences in the fetal transcriptome and its implications for postnatal health and performance. My students have gone on to: Work for pharmaceutical and medical device companies, government research organisations, and commercial laboratory service providers, as consultants for animal welfare and health and assistant professors.

Recent publications
Reasons to conduct research in Physical Sciences at the University of Adelaide

1. World-class scientific expertise
2. Publications in world’s best research journals
3. Extensive external funding and international collaborations

About the school
The School of Physical Sciences brings together and consolidates the University’s broad-ranging and cutting edge research in the fundamental disciplines of:
> Chemistry
> Earth Science
> Physics.

Research world-firsts from the school are capturing international attention in the world’s best research journals. These breakthroughs, which have the potential to change our lives, are attracting significant external funding and expanding opportunities for international collaboration. The school has a wide range of state-of-the-art equipment, IT and infrastructure to support this research.

Research institutes
> Institute for Photonics and Advanced Sensing adelaide.edu.au/ipas
> Institute for Mineral and Energy Resources adelaide.edu.au/imer

Research centres
> ARC Centre of Excellence in Nanoscale Bio-Photonics (host) cnbp.org.au/
> ARC Centre of Excellence in Particle Physics at the Tera-scale (node) colepp.org.au/People/Adelaide-Node
> ARC Research Hub for Australian Copper-Uranium adelaide.edu.au/copper-uranium-research
> Centre for Advanced Nanomaterials adelaide.edu.au/can
> Centre for Complex Systems and the Structure of Matter physics.adelaide.edu.au/cssm
> Centre for Tectonics, Resources and Exploration adelaide.edu.au/trax
> Centre for Mineral Exploration Under Cover adelaide.edu.au/cmxuc
> South Australian Centre for Geothermal Energy Research (SAGGER) adelaide.edu.au/geothermal
> Sprigg Geobiology Centre adelaide.edu.au/environment/sgc

Postgraduate coordinators
Chemistry
Dr Tara Pukala
E: tara.pukala@adelaide.edu.au

Physics
Associate Professor Gavin Rowell
E: gavin.rowell@adelaide.edu.au

Earth Science
Dr Ros King
E: rosalind.king@adelaide.edu.au

To find a supervisor, submit a research proposal or to learn more about areas of research, please visit: sciences.adelaide.edu.au/research

Further information or advice
School of Physical Sciences
North Terrace campus,
The University of Adelaide,
SA, 5005, Australia
T: +61 8 8313 5906
E: physicalsci@adelaide.edu.au

“I have always been interested in chemistry research with potential applications in health sciences and medicine. The University of Adelaide provides a transdisciplinary research environment such that we can collaborate closely with physicists and biologists. This greatly expands my knowledge and enables my research to produce many fruitful results.”

Michelle Zhang
BSc (Molecular and Drug Design)
Honours and PhD
Supervisor Spotlight – Physics

Professor Heike Ebendorff-Heidepriem
Deputy Director of the Institute for Photonics and Advanced Sensing

Fields of research:
> Materials Science
> Photonics
> Advanced Manufacturing

Awards:
> University of Adelaide Women's Research Excellence Mid-Career Award (2014)
> International Zwick Science Award (2009)
> Marie Curie Individual Fellowship of the European Union (2001-2002),
> Woldemar A. Weyl International Glass Science Award (2001)

Research Impact:
Sensors created by my team are being used to unlock the secrets inside objects as diverse as the human body, wine barrels and mineral exploration holes deep within the earth’s crust. The transdisciplinary approach in the Institute is enabling us to ask new questions in embryology and cancer treatment, and our strong partnerships with many industry partners (including Trajan Scientific and Medical) means there is a pathway to market for our innovative research.

Students I am currently supervising:
Yunle Wei, Xuanzhao Pan, Hong Ji, Elizaveta Klantsataya, Mengke Han, Carly Whittaker

I chose to research in my field because:
My transdisciplinary research in optical glass materials lies at the interface of physics, chemistry and materials science. It enables me to work with so many researchers from diverse fields across the world. Optical glass is a fascinating material and by understanding and modifying it we can create amazing solutions to the real world problems faced by our industrial partners.

My favourite part of being a supervisor is:
Guiding students on their adventure to discover new science and become independent researchers.

What makes a successful supervisor and student partnership?
I am passionate about research supervision and mentoring students in their career development. I believe regular 2-way communication of research progress and creating a team atmosphere is key to a successful supervisor and student partnership.

Why Optical Fibres at the University of Adelaide?
Optical glasses and optical fibres and their applications are key areas of strength at the University of Adelaide The Institute for Photonics and Advanced Sensing fosters excellence in research in materials science, chemistry, biology and physics and develops disruptive new tools for measurement to solve problems for health, the environment, mineral and defence.

Projects I am interested in:
> Harnessing nanocrystal properties in optical glass
> Mid-infrared transmitting glasses and fibres
> Design and fabrication of novel optical fibres
> Developing 3D printing for future manufacturing industries

My students have gone on to:
Postdoctoral roles at leading research organisations worldwide, others have started up companies based on their research or have secured employment with industry partners or defence organisations.

Recent publications:
1. Y. Ruan, et al., “Atom-Photon Coupling from Nitrogen-vacancy Centres Embedded in Tellurite Microspheres”, Scientific Reports 5, 11416 (Jun 2015);
Biological Sciences

Reasons to conduct research in Biological Sciences at the University of Adelaide

1. World-class scientific expertise
2. Dynamic research environment
3. Equipped with state-of-the-art facilities and is funded from both national and international sources

About the school
The School of Biological Sciences in the Faculty of Sciences brings together the internationally acclaimed and contemporary disciplines of cellular and molecular biology, ecology and environmental sciences, genetics and evolutionary biology. It delivers undergraduate and postgraduate education, training and research with both national relevance and global outreach, and networks in the public and private sectors. It is home to a number of world-class scientists, working with a wide range of experimental and natural systems, including animal, plant, fungal and microbiological systems. Our researchers attract, on average, around AUD$10 million in grant funding annually.

Research institutes
> Environment Institute adelaide.edu.au/environment

Research centres
> Australian Centre for Ancient DNA adelaide.edu.au/acad
> Australian Centre for Evolutionary Biology and Biodiversity adelaide.edu.au/environment/acebb
> Adelaide Proteomics Centre adelaide.edu.au/proteomics
> Centre for Infectious Diseases adelaid.edu.au/rcid
> Centre for Molecular Pathology adelaid.edu.au/cmp
> Sprigg Geobiology Centre adelaid.edu.au/environment/sgc
> Water Research Centre adelaid.edu.au/environment/wrc
> Zhendong Australia-China Centre for Molecular Traditional Chinese Medicine biological.adelaide.edu.au/collab/

Postgraduate coordinators
Genetics and Evolution
Professor Frank Grutzner
E: frank.grutzner@adelaide.edu.au

Ecology and Environmental Science
Associate Professor Rob Reid
E: robert.reid@adelaide.edu.au

Molecular and Cellular Biology
Professor Shaun Mccoll
E: shaun.mccoll@adelaide.edu.au
Dr Keith Shearwin
E: keith.shearwin@adelaide.edu.au

Further information or advice
To find a supervisor, submit a research proposal or to learn more about areas of research, please visit: sciences.adelaide.edu.au/research

School of Biological Sciences
North Terrace campus,
The University of Adelaide,
SA, 5005, Australia
T: +61 8 8313 5352
E: biolsci@adelaide.edu.au

Amanda Choo
Yen Ying
BSc (Molecular Biology), Honours and PhD

"Studying at the University of Adelaide has cultivated my interest in the area of biological sciences and has given me the opportunity to work alongside many worldclass scientists who are at the forefront of their research. The skills and knowledge that I have gained from my studies here have provided me with a strong foundation for a career in scientific research."
Fields of research
> Plant epigenetics

Awards
> Marie Curie Fellowship
> Welcome Trust Fellowship
> ARC QEII Fellowship
> ARC Future Fellowship

Students I am currently supervising:
Alice Burgess, Ashley Jones, Trung Do, Kalinya Pulsford.

I chose to research in my field because:
Plants are essential for humans and I am sure that epigenetics will play an important role in future food security and human health.

My favourite part of being a supervisor is:
When PhD students are excited by the discoveries they make in the laboratory and can’t wait to tell someone.

What makes a successful supervisor and student partnership?
Clear and agreed expectations that are fulfilled. The supervisor’s successful ability to assist students through the lows of PhD research – everybody has bad days. Supervisors that have an active interest in the student’s career. Supervisors that can inspire and motivate students, and students that exceed the supervisor’s expectations.

Why research epigenetics at the University of Adelaide?
We have excellent biological, computational and genomic resources. We have fantastic model plant systems, for example Arabidopsis thaliana, to study plant epigenetics and complex crops to apply epigenetic-based yield improvement at the Waite campus. We have excellent high-performance computing resources in the School of Molecular and Biomedical Sciences at the North Terrace campus and at E-Research SA.

Projects you may be interested in:
> Discovering new RNA modifications that regulate plant yield
> Discovering novel long non-coding RNAs- the dark matter of the cell
> Using our EzyCross hybridization system to produce new plant species.
Fees

The quoted fee is a base fee and may be subject to an annual increase for each of the subsequent years of the program. Information regarding fees and any subsequent increased fees will be included in the ‘Offer of Admission’ letter for successful applicants.

<table>
<thead>
<tr>
<th>Faculty/broad discipline</th>
<th>Program</th>
<th>2017 (per year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering, Computer and Mathematical Sciences</td>
<td>Doctor of Philosophy</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td></td>
<td>Master of Philosophy</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>Doctor of Philosophy</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td></td>
<td>Doctor of Nursing</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td></td>
<td>Master of Clinical Science</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td></td>
<td>Master of Philosophy (Clinical Science)</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td></td>
<td>Master of Philosophy (Dentistry)</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td></td>
<td>Master of Philosophy (Medical Science)</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td></td>
<td>Master of Philosophy (Ophthalmology)</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td></td>
<td>Master of Philosophy (Public Health)</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td></td>
<td>Master of Philosophy (Surgery)</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td>Arts</td>
<td>Doctor of Education</td>
<td>AUD $31,000</td>
</tr>
<tr>
<td></td>
<td>Doctor of Philosophy</td>
<td>AUD $31,000</td>
</tr>
<tr>
<td></td>
<td>Master of Philosophy</td>
<td>AUD $31,000</td>
</tr>
<tr>
<td>Sciences</td>
<td>Doctor of Philosophy (Sciences)</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td></td>
<td>Doctor of Philosophy (Veterinary Science)</td>
<td>AUD $42,000</td>
</tr>
<tr>
<td></td>
<td>Master of Philosophy (Sciences)</td>
<td>AUD $38,000</td>
</tr>
<tr>
<td></td>
<td>Master of Philosophy (Veterinary Science)</td>
<td>AUD $42,000</td>
</tr>
<tr>
<td>The Professions</td>
<td>Doctor of Philosophy</td>
<td>AUD $35,000</td>
</tr>
<tr>
<td></td>
<td>Master of Philosophy</td>
<td>AUD $35,000</td>
</tr>
</tbody>
</table>

International representatives

The University appoints agents to act as its official international representatives. Agents are located within Australia and in more than 40 countries around the world. These representatives are appointed to:

> provide accurate information about the University of Adelaide and its programs to prospective international students
> advise on admission requirements and choice of programs
> assist with verification of supporting documentation
> assist with the processing and forwarding of the application, and the acceptance and payment, to the University
> assist with visa application, travel, accommodation and pre-departure arrangements.

For a full listing of our international representatives and their contact details: adelaide.edu.au/study/international/agents

Countries with University of Adelaide international representatives

| Argentina | Australia | Brazil | Brunei | Cambodia | China | Colombia | Ecuador | France | Germany | Hong Kong | India | Indonesia | Iran | Japan | Jordan | Kenya | Korea (South) | Kuwait | Libya | Macau | Malaysia | Mauritius | Myanmar | Mexico | Nepal | New Caledonia | Oman | Pakistan | Peru | Philippines | Saudi Arabia | Singapore | South Africa | Sri Lanka | Syria | Taiwan | Thailand | Turkey | United Arab Emirates | United Kingdom | United States of America | Venezuela | Vietnam |

96 Fees