Key Technology Partnerships Funding Programs

2025 Information Session

Acknowledgement of Country

I would like to acknowledge the Gadigal people of the Eora Nation upon whose ancestral lands our City campus now stands. I would also like to pay respect to the Elders both past and present, acknowledging them as the traditional custodians of knowledge for this land.

I would further like to acknowledge the traditional custodians of the various ancestral lands from which our other attendees join us today, and to pay respects to those Elders past and present.

UTS Key Technology Partnerships

Our **Key Technology Partnerships** (KTP), which are UTS's strategic partner universities, facilitate international collaboration including research, teaching and learning and enterprise and innovation between UTS staff and their international counterparts. This global network reflects our research interests and desire to benefit society.

5
Key Technology Partners

4
Continents

Opportunities for UTS staff

- KTP Visiting Fellow Program
- KTP Seed Funding Scheme
- Funding opportunities offered by our Key Technology Partners
- Virtual academic events

Opportunities for students

- PhD programs: Collaborative doctoral degree or Cotutelle
- Student exchange programs
- Global short-term programs

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Key Technology Partners

1. Indian Institute of Technology Madras (IITM)

2. Pontifical Catholic University of Chile (UC I Chile)

3. Shanghai University (SHU)*

4. Technical University of Berlin (TUB)

5. University of Arizona (UA)

* Please note: Collaborative projects and visits with Shanghai University will be considered only if they align with one of the following priority areas:
1. Creative Industries – as outlined in the UTS Creative Industries Strategy.
2. Environmental Engineering / Sustainability.

Applications are currently open for KTP funding

The UTS Key Technology Partnerships funding programs strengthen international engagement by supporting collaborative projects between UTS staff and their counterparts at UTS's Key Technology Partners.

UTS Key Technology Partnerships Seed Funding Scheme
Supports collaborative projects between UTS staff and their counterparts from Key Technology Partner institutions, in **categories other than travel**.

UTS Key Technology Partnerships Visiting Fellow Program (inbound travel to UTS)
Supports UTS staff to invite their counterparts from Key Technology Partner institutions to travel to Sydney and collaborate on projects of mutual interest.

Applications close on 15 April 2025

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Funding Focus Areas

KTP funding supports collaborative projects and visits that aim to achieve mutually beneficial outcomes in:

- **Research and research training**: e.g. joint publications, PhD student involvement, competitive grant applications, policy impact, research translation, and industry engagement.

- **Teaching and learning**: e.g. joint program development, innovative teaching methodologies, attracting diverse student cohorts, and enhancing accessibility.

- **Enterprise and innovation**: e.g., patents, commercial products, new ventures (startups, spin-offs, joint ventures), industry/community partnerships, and micro-credential opportunities.

Projects may involve **academic or professional staff** from UTS and the Key Technology Partners.

Eligible applicants

- The UTS and the collaborator must be employed on an ongoing basis, which helps to establish sustainable, long-term collaborations.

- Candidates may only be involved in **one application** per funding round.

- Open to all career stages (early, mid-career and senior academics). Applications are also open to non-academic staff.

- Applications are prepared in conjunction with collaborators from one of the eligible partner institutions.

- Applications to grow a previously funded project must provide evidence of milestones and articulate how the funding will help them to grow and achieve significant results; e.g., access to external funding, bring revenue, develop joint programs, have tangible impact.

Priority will be given to

- Applications that include Early and Mid-career researchers and actively engage PhD students in their projects.

- Projects that are multidisciplinary

- New collaborations

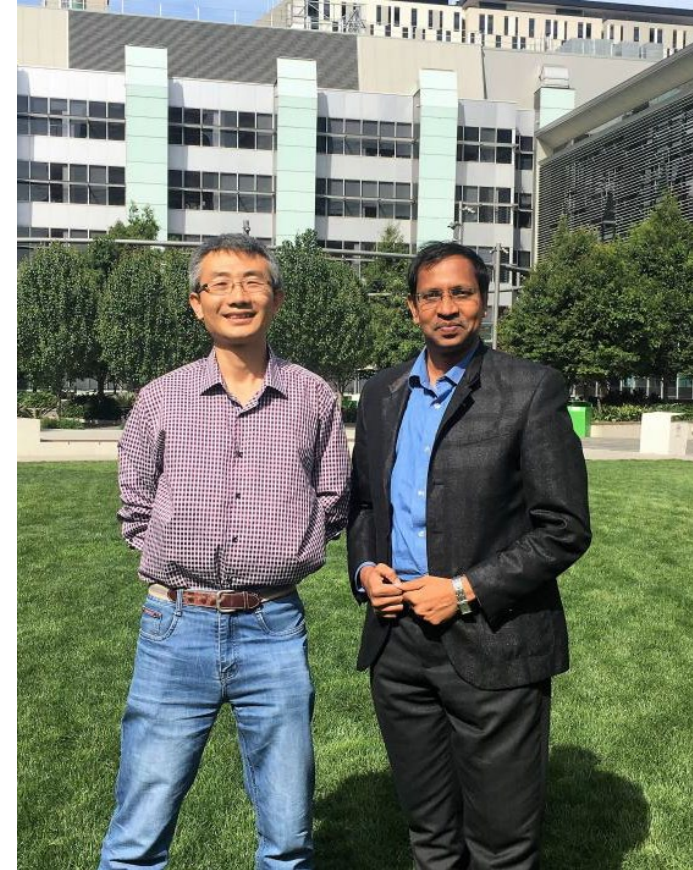*Dr Massimo Moraglio (TUB) and Dr Michelle Zeibots (UTS)*

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UTS KTP Visiting Fellow Program
(Inbound travel to UTS)

The KTP Visiting Fellow (KTP-VF) supports UTS staff to invite their counterparts from eligible Key Technology Partner institutions to travel to Sydney (two to four- week visits) and collaborate on projects of mutual interest.

Example outcomes
- produce joint academic papers
- recruit high-quality collaborative PhD students
- co-develop joint degree programs
- attract external funding
- create opportunities to generate revenue
- create opportunities for student startups
- develop joint initiatives for mutual benefit
- develop significant Collaborative Online International Learning (COIL) programs

Prof G. L. Samuel (IITM) and A. Prof Dongbin Wei (UTS)

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Funding Details

Funding amount: Applicants can apply for up to **A$10,000**

Items covered:

✓ Visa fees

✓ Airfare

✓ Accommodation (max A$264 per day)

✓ Living expenses (max A$173.55 per day)

Please note:

• KTP funding **does not cover** PhD student tuition fees or living stipends. Please contact the Graduate Research School to enquiry about funding available for Collaborative PhD students with UTS's Key Technology Partners.

• All funding details can be found in the 2025 Visiting Fellow Guidelines here.

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Role of the UTS Host

SUBMIT THE APPLICATION – Liaise with KTP collaborator to jointly prepare the content of the application

PRIOR TO ARRIVAL
- ✓ Organise working space for visiting fellow
- ✓ Prepare itinerary of activities and organise meetings across different faculties

FIRST DAY
- ✓ Welcome visitor
- ✓ Accompany them to get Staff ID card

DURING THE VISIT
- ✓ Attend meetings and seminars
- ✓ Introduce visitor to UTS staff, academics and/or HDRs
- ✓ Jointly develop a long-term plan
- ✓ Submit joint end of visit report

POST VISIT
- ✓ Continue engagement and implement goals

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Role of the KTP Visitor

APPLICATION – Liaise with UTS host to jointly prepare the content of the application. It is submitted by the UTS host.

PRIOR TO ARRIVAL
- ✓ Apply for a visa (UTS will provide invitation letter)
- ✓ Liaise with the UTS host to agree on itinerary of activities
- ✓ Prepare content of presentations, seminars and/or workshops
- ✓ Liaise with the Global Partnerships team to organise travel logistics
- ✓ Activate Staff ID and apply for Staff ID card
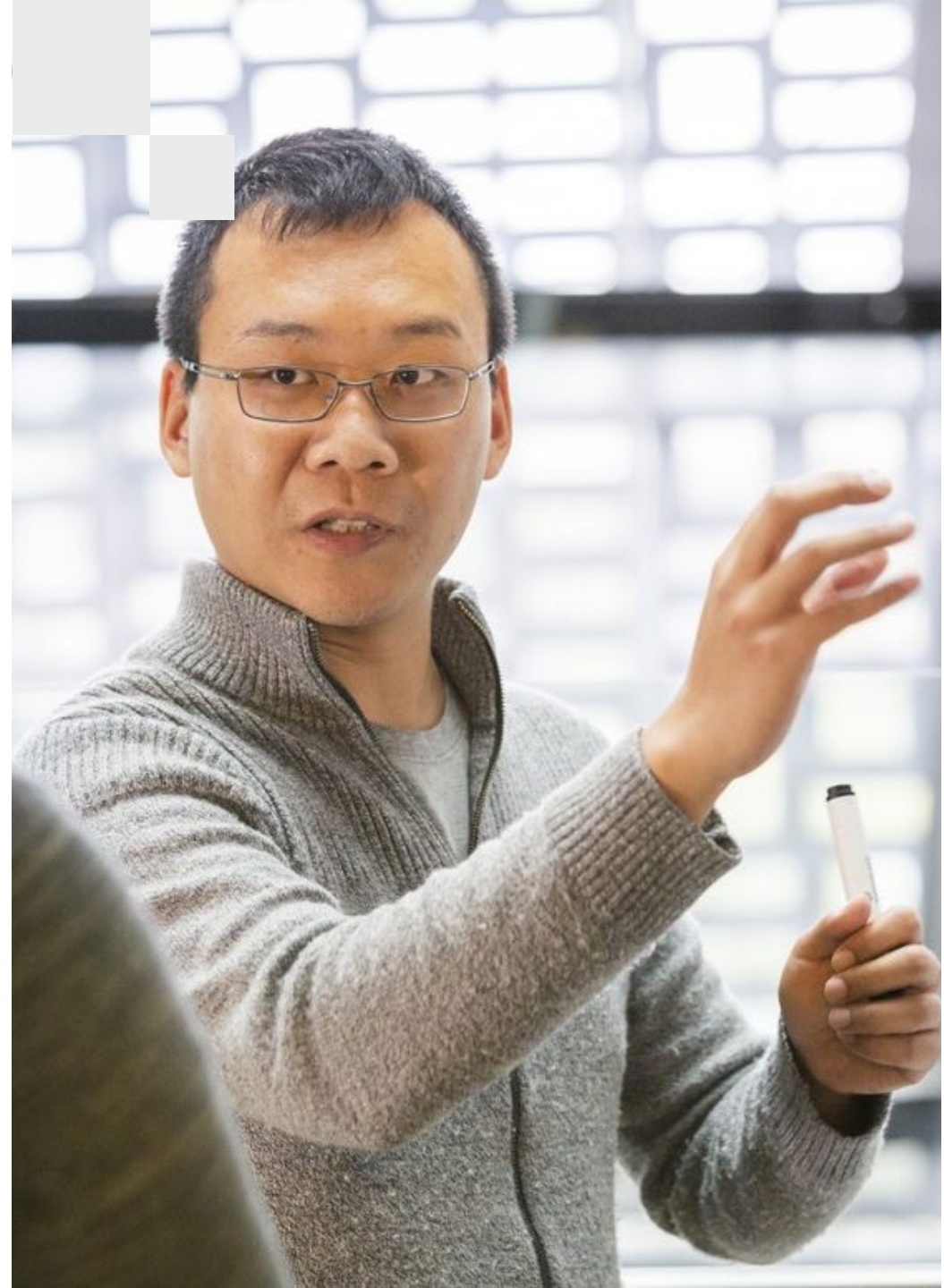- ✓ Bring laptop

FIRST DAY
- ✓ Attend welcome meeting with host and Global Partnerships team
- ✓ Pick up your Staff ID card

DURING THE VISIT
- ✓ Engage in meetings, presentations, planned activities
- ✓ Jointly develop long term plan
- ✓ Submit joint end of visit report & reimbursement form

POST VISIT
- ✓ Continue engagement and implement goals

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Research collaborations

Case studies

Offshore wind turbines

Researchers from UTS and the Indian Institute of Technology, Madras (IITM) are applying innovative geotechnical modelling to ensure a solid future for offshore wind energy.

True value of midwives

Researchers from the University of Technology Sydney (UTS) and the University of Dundee, Scotland, are digging deeper to evaluate the emotional side of the experience of midwife-led care.

"The objects we're designing can be quite everyday, but they can make a significant difference in people's lives." Dr Gail Kenning (UTS Research Consultant)

Technology for people with dementia

Researchers from UTS and Eindhoven University of Technology (TU/e) are reimagining technologies to improve the quality of life of people living with dementia.

Cancer treatment

Researchers from UTS and the Pontifical Catholic University of Chile (UC) are harnessing the power of intercellular communication to unlock new cancer treatments.

Testimonials from KTP Visiting Fellow Program Participants

Expand international collaborations

"The program provides exceptional support for UTS academics wishing to expand and strengthen their international collaborations. Relationships across a range of academic collaborators are strengthened by being co-located for the duration of the visit, far beyond what technology-mediated introductions and interactions would enable." Dr Kirsty Young (UTS)

High quality research outputs

"The KTP program is a valuable university asset; it has provided the SoC with a strong foundation to pursue research collaboration, co-supervision opportunities, and collegial dialogue with an important regional partner. This particular visit was relatively short but nonetheless enabled numerous school staff to engage in productive and lively discussion with our guests. We have no doubt these talks will evolve into high quality research outputs, grant applications, and PhD co-supervision." Prof. Mark Evans (UTS)

Funding opportunities

"The program provided a valuable opportunity to work face-to-face and with a degree of intensity to develop and consolidate our joint research. It also allowed in-person meetings with potential collaborators and advisers to assist in building the network of contacts on which the collaborative project depends, and also to refine the project to better target publications and funding opportunities." Mr Andrew Robert Toland (UTS)

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Testimonials from KTP Visiting Fellow Program Participants

Identify international funding opportunities

"For me this is a great opportunity to get connected to researchers with complimentary interests and expertise to thrive my research agenda and to identify international funding opportunities. The support from both universities to foster this kind of exchange is outstanding."
Prof Klaus Gramann (TUB)

Explore interdisciplinary research

"It allowed me to explore interdisciplinary research, get a direct feel of the multi-cultural participation in making up bigger departments. Overall, I am leaving with a very positive feeling about this place with a lot of hope to continue the existing collaborations and foster new collaborations so that jointly we can deliver meaningful scientific results."
A/Prof Dr Deepa Venkitesh (IITM)

Develop joint research ideas

"I found the KTP program to be very well organized and welcoming. The ability to spend focused and concentrated time working together with Andrew to develop our joint research ideas and collaborations was a valuable and rare opportunity which is already bearing fruit. I look forward to sharing our future collaborative endeavors."
Ms Melissa Cate Christ (PolyU)

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UTS KTP Seed Funding Scheme
(collaborative projects)

Supports collaborative projects between UTS staff and their counterparts from eligible Key Technology Partner institutions, in categories <u>other than travel</u>.

Example outcomes

- produce joint academic papers
- recruit high-quality collaborative PhD students
- co-develop joint degree programs
- attract external funding
- create opportunities to generate revenue
- create opportunities for startup/spinout companies for students and/or staff
- develop joint initiatives for mutual benefit
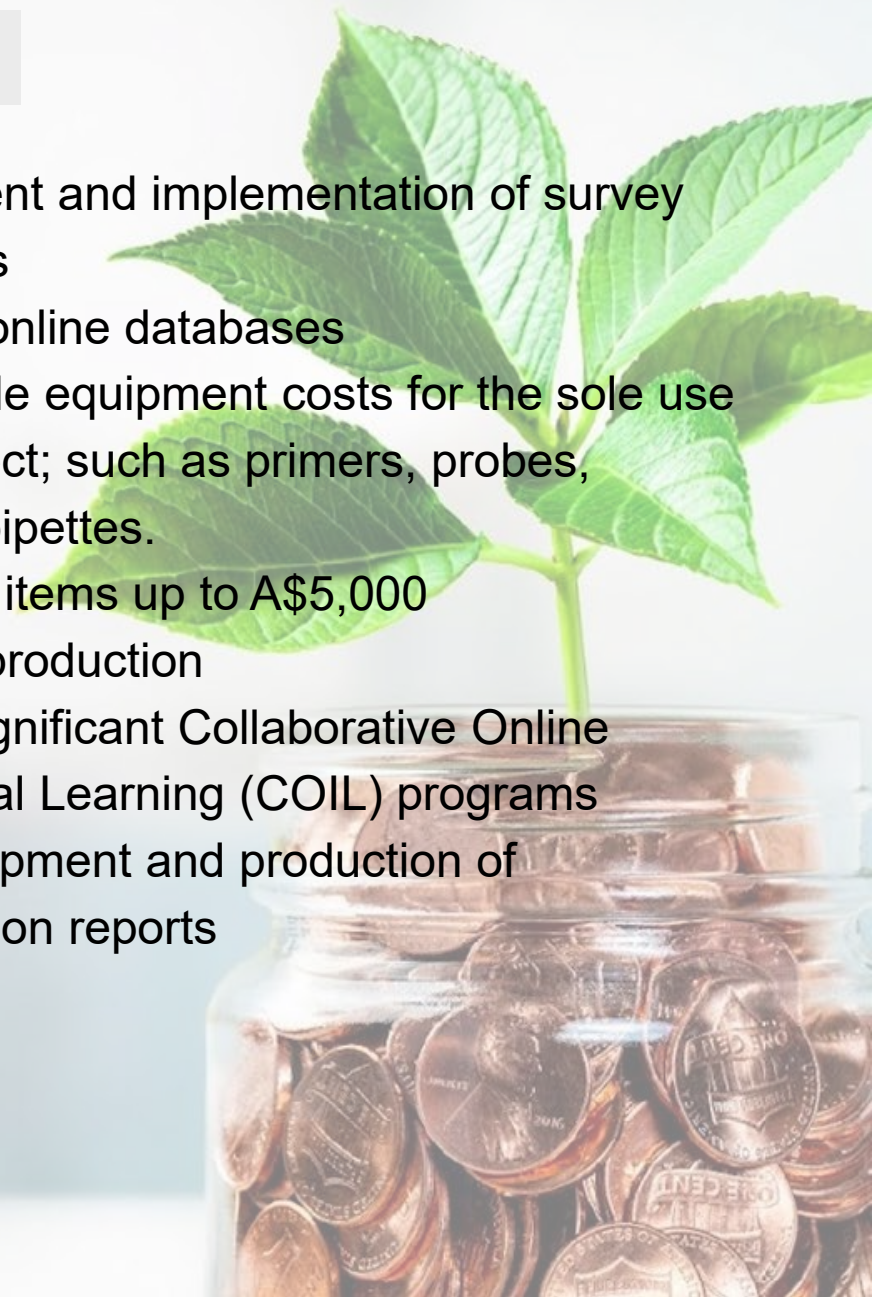- develop significant Collaborative Online International Learning (COIL) programs

Funding categories

Funding amount: Applicants can apply for up to **A$10,000**

Items covered:
- Joint virtual events (conference, workshop, webinar, forum, symposium)
- Data collection
- Publication support/Literary review
- Generation of preliminary data
- Experiments to develop proof of concept
- Initiatives that promote the development of industry and government linkages
- Initiatives that have a strong likelihood of delivering competitive external funding applications
- Access to necessary software
- External project website or other multimedia production and development

- Development and implementation of survey instruments
- Access to online databases
- Consumable equipment costs for the sole use of the project; such as primers, probes, reagents, pipettes.
- Equipment items up to A$5,000
- Prototype production
- Develop significant Collaborative Online International Learning (COIL) programs
- The development and production of dissemination reports

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Funding categories

The following items **are not** supported by this scheme:

- Travel related expenses (inbound or outbound).
- Costs related to attending conferences (travel expenses or participation).
- Research assistant salaries. Instead, UTS encourages academics to consider support from Higher Degree Research students.
- PhD student tuition fees or living stipends. Please contact the Graduate Research School to enquire about funding available for PhD students with UTS's Key Technology Partners.
- Salaries for the time spent on the project.
- General management/overhead fees.
- Fees for open access journals.
- Equipment items exceeding A$5,000.

All funding details can be found in the 2025 Seed Funding Scheme Guidelines here.

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Evaluation criteria

Strength of the proposed collaboration (30%)

Outline the strengths of your proposed collaboration, the benefits for UTS and the KTP, budget feasibility and alignment with the UN Sustainable Development Goals (SDGs).

Outputs, Outcomes, Impact (40%)

Articulate the outputs, outcomes and impact of your collaboration.

Interdisciplinarity - actual and/or potential involvement across multiple Faculties and disciplines (10%)
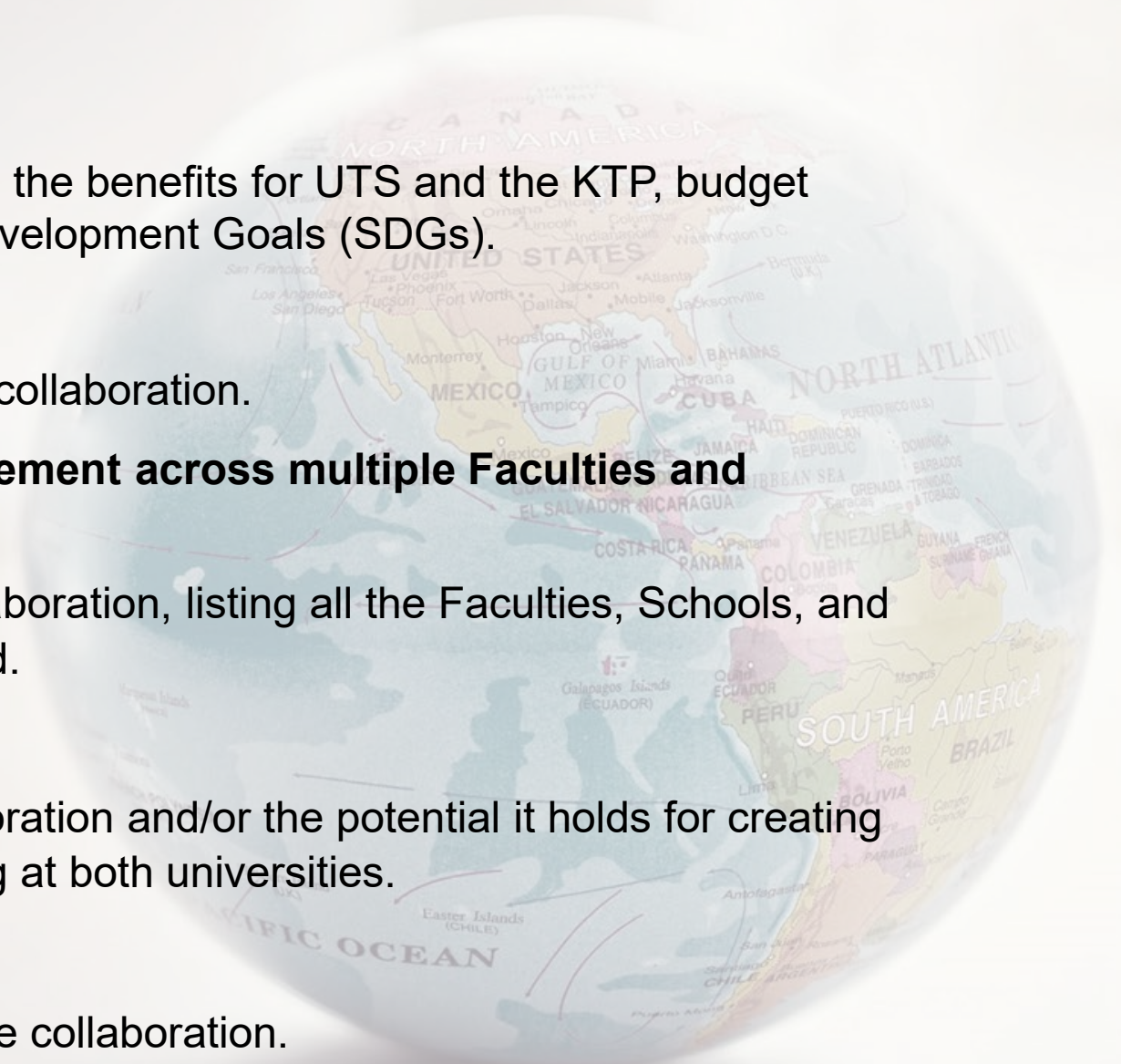
Elaborate on the interdisciplinary nature of your collaboration, listing all the Faculties, Schools, and staff from both UTS and the KTP that will be involved.

Student engagement (10%)

Describe the engagement of students in your collaboration and/or the potential it holds for creating opportunities for coursework and/or research training at both universities.

Vision for the future (10%)

Outline the short, medium, and long-term goals of the collaboration.

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Examples of KTP programs outputs

Traditional academic outputs include:
- Journal Articles – Peer-reviewed papers published in academic journals.
- Books – Monographs, edited volumes, textbooks.
- Book Chapters – Contributions to edited academic books.
- Conference Papers – Presented and often published in conference proceedings.
- Review Articles – Summaries of research trends in a particular field.
- Theses & Dissertations – Research work submitted for degrees (e.g., PhD, master's).

Non-traditional academic outputs include:
- Creative Works – Films, performances, exhibitions, artworks, music compositions.
- Digital & Multimedia Outputs – Websites, interactive media, podcasts, software, data visualisations.
- Policy & Industry Reports – White papers, government submissions, technical reports.
- Practice-Based Research – Architectural designs, case studies, professional practice outputs.
- Datasets & Code – Open-access data, software, algorithms, models.
- Public Engagement – Blogs, media articles, community projects, citizen science.

Other outputs:
- recruit high-quality collaborative PhD students
- co-develop joint degree programs
- attract external funding
- create opportunities to generate revenue
- create opportunities for student startups
- develop significant Collaborative Online International Learning (COIL) programs
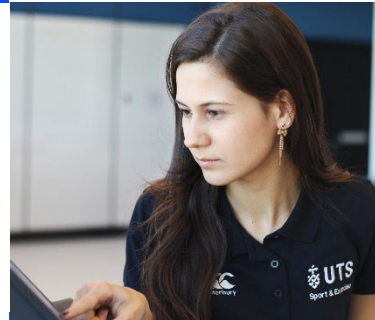- develop joint initiatives for mutual benefit

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How to apply

1. **Identify collaborators** from one of the Key Technology Partners, who are interested in submitting a joint proposal.

2. **Download the [application form PDF](#)** to preview the application questions. Discuss and prepare the proposal with your collaborator.

3. **Submit** the [online application form](#) between 1 March and 15 April 2025 (11pm AEST).

Please note that the applications will be prepared jointly by UTS collaborator and the KTP collaborator, with the UTS collaborator being responsible for submission of the application.

For more information, please explore the 2025 Visiting Fellow Guidelines [here](#), and 2025 Seed Funding Scheme Guidelines [here](#).

How we can support you

Facilitating connections

- ✓ Facilitate introductory meetings between UTS staff and their KTP counterparts to explore collaboration

- ✓ Provide support for virtual workshops & meetings

- ✓ Organise meetings with Research Office (funding sources), GRS (co-supervision of PhD students) and other relevant units

Logistics coordination of Visiting Fellow Program

- ✓ Liaise with HR for invitation letter for visitors

- ✓ Help book accommodation and arrange travel insurance (if need be) for visitors

- ✓ Coordinate reimbursement of expenses

For both the Visiting Fellow Program and Seed Funding Scheme

- ✓ Identify possible sources of external funding for research projects

- ✓ Promote seminars to the wider UTS community

- ✓ Send progress report templates

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Key Dates

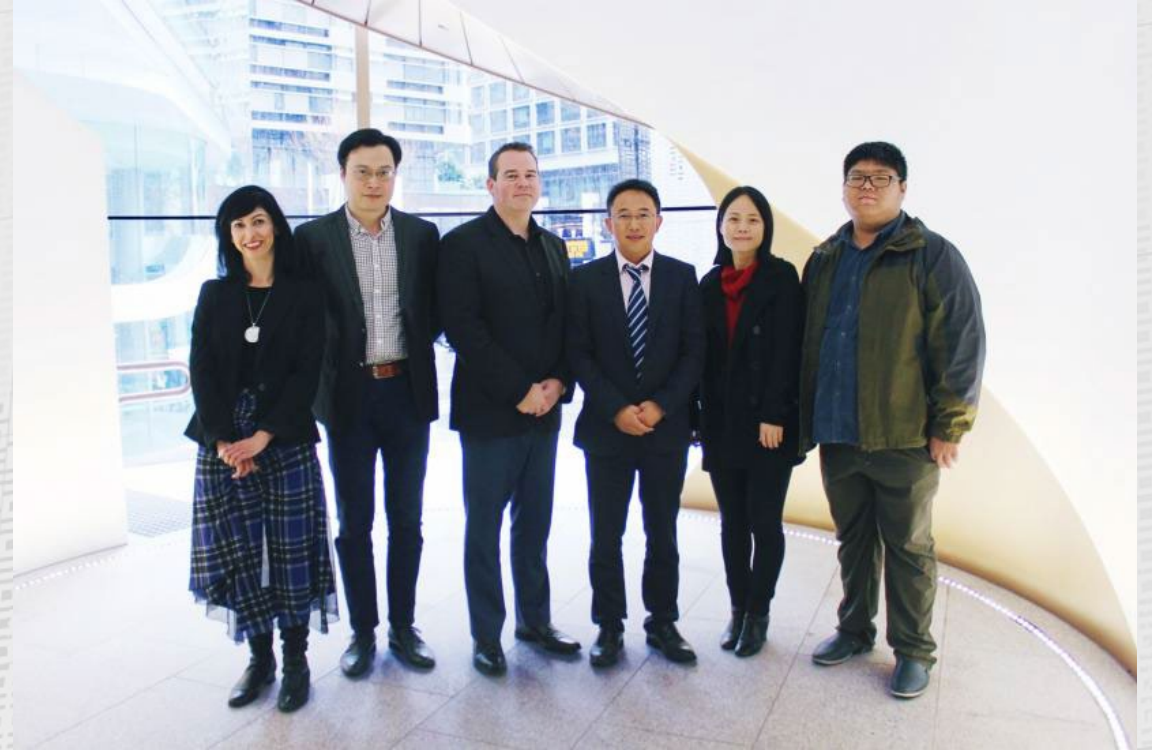|	
01 March 2025	Applications open
15 April 2025	Applications close
5 June 2025	Results announced
June – December 2025	Visits to take place or Seed funding project implementation
1 June 2026	Progress report submission

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Opportunities for UTS academics to travel to the KTPs

These reciprocal programs encourage UTS academics to travel to our Key Technology Partners to engage in research collaboration.

The following partners provide funding for accommodation, travel and living expenses for UTS staff to visit their campus:

- Pontifical Catholic University of Chile
- Shanghai University
- TU Berlin

Your academic counterpart at the Key Technology Partner submits an application inviting you.
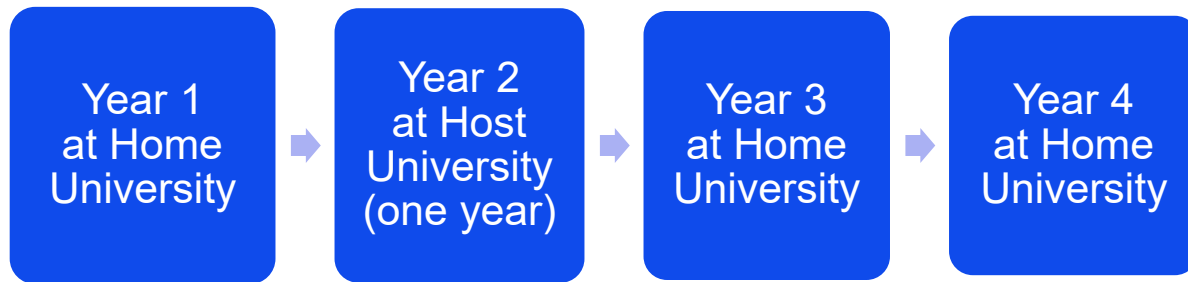

For more information, visit:
Programs offered by our Key Technology Partners

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Collaborative PhD Programs

A unique opportunity for students to gain international experience by undertaking jointly-supervised research projects at two universities – UTS and one of our international partners.

- Gain insight and co-supervision by an academic in each university throughout the full candidature.
- Spend one year abroad at the host university. The rest of the degree at the candidate's home university.
- Tuition fee waivers and living stipend scholarships available for high calibre candidates.
- At the completion of the program, both institutions will formally recognise the collaborative doctoral degree.

Year 1 at Home University	→	Year 2 at Host University (one year)	→	Year 3 at Home University	→	Year 4 at Home University

Collaborative PhD Programs

KTP Institutions with Collaborative PhD Agreements with UTS
- Indian Institute of Technology Madras (IITM)
- Pontifical Catholic University of Chile (UC I Chile)
- Shanghai University (SHU)
- Technical University of Berlin (TUB)

A Cotutelle agreement may be explored with the University of Arizona.

Scholarships: Tuition fee scholarships will be provided to all inbound applicants. Living stipend scholarships may be available but are not guaranteed.

UTS living stipends are awarded at a value of AU$37,000 per year

For more information, please contact GRS at grs@uts.edu.au.

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Defence Trade Controls Act – Defence Strategic Goods List (DSGL)

- **Part 2 – Dual Use:** Covers items that are generally used for commercial purposes but that could be useful in a chemical, biological or nuclear weapons program.

- **Dual Use Categories:** Nuclear Materials, Materials, Chemical, Micro-organisms and Toxins, Materials Processing, Electronics, Computers, Telecommunications and Information Security, Sensors and Lasers, Navigation and Avionics, Marine and Aerospace and Propulsion

- **Permits**: Assessments and Permits are free of charge but do take time (estimated 2 – 3 weeks but can vary).

For more information, please contact Controls Compliance Officer: dtc@uts.edu.au

<u>Fundamental Research Exemption</u>

1. The research must be at a Technology Readiness Level of 2 or below (basic or applied research)

AND

2. Have no restrictions on disclosure relating to national security or defence concerns (Australia or any other foreign country)

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Ethics Approval

UTS is committed to safe and ethical conduct of research across human ethics, animal care and ethics, and biosafety.

Projects that involve one or more of the below require Ethics approval:

- Research with or about people, or their data/information or tissue

- Research or teaching involving animals (including observational studies)

- Research or teaching involving GMOs, PC2 pathogens or ionising radiation

Further information can be found on the Research Ethics and Integrity page and the detailed approval process can be found on Human Ethics; Animal Ethics ; and Biosafety Ethics.

For more information, please contact Research Ethics: research.ethics@uts.edu.au

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Collaboration with other partner universities

Worldwide Universities Network

UTS has joined the Worldwide Universities Network (WUN), a leading global higher education network connecting 24 research-intensive universities in Africa, the Americas, Asia, Europe and Oceania. WUN offers special programs for career development including networking opportunities for researchers.

The **WUN Research Development Fund (WUN RDF)** offers grants of up to £10,000 (A$19,000) bringing together researchers from WUN member universities to undertake innovative, international collaborative research projects.

Applications for WUN RDF EOIs will open in July this year. Please note that this date may change depending on the WUN RDF program timeline.

For more information, please visit:
Worldwide Universities Network Research Development Fund

Collaboration stories: WUN research projects

UTS encourages organic international collaboration to continue with academic counterparts from around the world.

Central funding is only available to support collaborative projects with Key Technology Partners.

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Q & A

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