



Photo credit Josh King, 2018

Macquarie University’s multi award-winning Professional and Community Engagement program (PACE) is driven by imagination and innovation. Integrated into the undergraduate curriculum, it provides a crucial interface between the University and its Industry and Community partners, creating exciting possibilities and mutually beneficial outcomes.

IN THE SPIRIT OF DISCOVERY, FACULTY OF SCIENCE AND ENGINEERING STUDENTS

- Engage with partners through research and lab-based internships, professional placements, collaborative fieldwork, and more
- Apply their scientific understanding to real world practice
- Contribute their skills and knowledge to the workplace, while enhancing their employability

PARTNER BENEFITS

Together with students from disciplines of Biological Sciences, Chiropractic, Computing, Earth and Environmental Sciences, Engineering, Mathematics and Statistics, Molecular Sciences, and Physics and Astronomy, FSE partners can:

- Meet organisational objectives
- Engage in research collaborations and broaden professional networks
- Enhance student employability and create new talent pipelines
- Inspire and mentor future professionals

EXAMPLES OF PACE ACTIVITIES

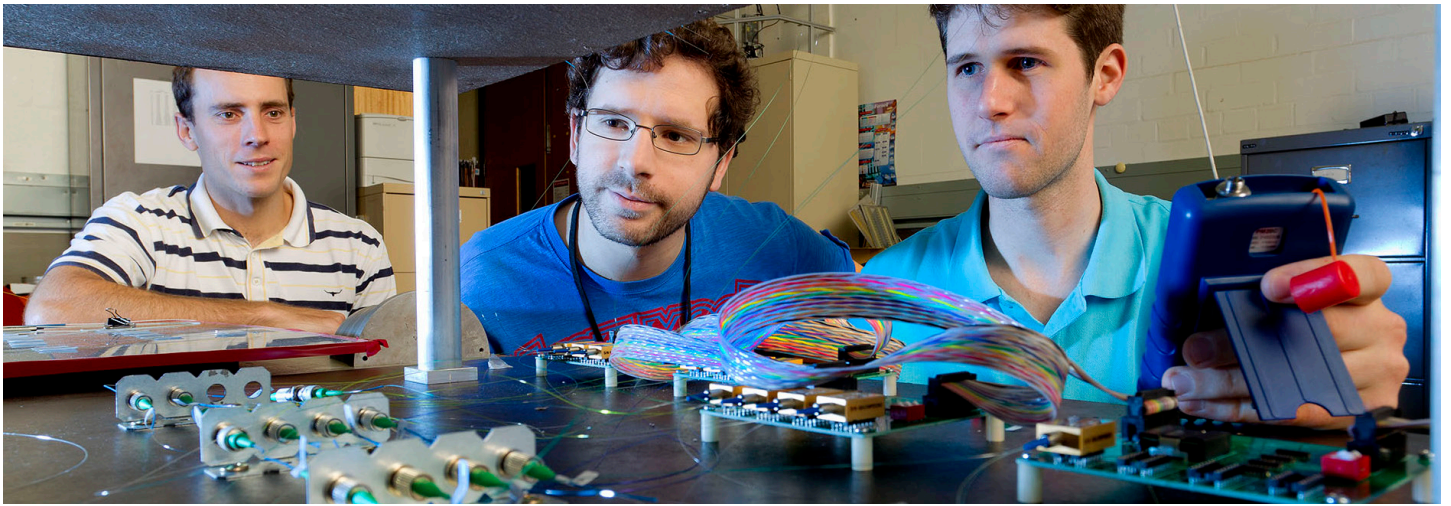
- Creating IT solutions through apps, websites, cyber security, and data analytics
- Statistical analyses of data and mathematical modelling
- Assessments of, and recommendations for, environmental sustainability and conservation
- Contributing to clinical and lab-based research and work
- Developing electronic, mechatronic and mechanical solutions

“The outcome... exceeded my expectations... students accomplished an impressive amount... were independent and motivated... (and brought) creative, mature ideas to the project.”

DR AMANDA BAUER, ASTRONOMER AND OUTREACH OFFICER AUSTRALIAN ASTRONOMICAL OBSERVATORY



Photo credit Joanne Stephan, 2018



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TIPS FOR FSE PACE PARTNERS

PLAN AHEAD

- Review Information for Community and Industry Partners through our [webpage](#)
- Start thinking about an activity you would like help with and contact PACE as early as possible to ask questions about when and how you can host an activity
- Activities can occur during Macquarie University study sessions and when specific units are on offer
- Some units involve students finding their own PACE activity while in others, activities are offered by partners
- PACE activities could involve individual students AND/OR groups of students
- Once an activity has been formally approved students can start
- Some activities are completed on site at the partner organisation, others are on campus, or online
- The time a student will spend on an activity and the academic requirements vary for each unit
- A PACE Activity must align with the learning outcomes of the PACE unit and be mutually beneficial

CONFIRM

- The details of the activity and any supporting documentation via an online Activity Design Form
- Your organisation is a legal registered entity
- Minimum \$10,000,000 Public Liability insurance is held by your organisation
- There will be a qualified individual who is prepared to supervise the student/s and if possible, a second contact

BE PREPARED TO PROVIDE

- Name and contact details of dedicated Supervisor of the student/s
- Details of any skills/experience student/s expected to have for the activity
- Regular meetings and communications to the student/s
- Details of any risk factors student/s may encounter and measures to mitigate those
- Induction for student/s (WHS policies/ procedure, privacy requirements, as well as information needed to complete the activity, etc.)
- Timely feedback to the student/s and/ or Unit Convenor, as well as input on assessments or timesheets when requested

UNDERSTAND

- Partners agree to follow [PACE Governance & Guidelines](#), standard WHS regulations etc.
- Students agree to follow the [PACE Governance & Guidelines](#), and Macquarie University's [Student Code of Conduct](#)
- Students will be covered by the University's insurance where a PACE activity is not paid and it has been formally approved by the University
- Additional information may be needed before a PACE activity is formally approved
- IP and Confidentiality documents are the responsibility of the partner in negotiation with the student/s

TO PARTNER WITH US

If you're interested in learning more about PACE in the Faculty of Science and Engineering and you have a project or activity you would like to propose we would love to hear from you.

To start the conversation please use the contact details below:

T: +61 (2) 9850 6842

E: pace.science@mq.edu.au

W: [PACE Partner webpage](#)

FIND OUT MORE

Scan the QR code to be directed to the FSE PACE webpage where you can learn more about our PACE units and see a [video](#) about PACE in the Faculty of Science and Engineering.



“(As) we don’t often have time to conduct in-depth statistical analysis... it’s really valuable to have interns explore data in detail and(have) innovative ways of analysing it.”

MS JANE SHRAPNEL, DATA DELIVERY & INSIGHTS MANAGER, WORKPLACE GENDER EQUALITY AGENCY

FIND OUT MORE

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