



HUMANITARIAN ——— **2020**
INNOVATION AWARDS

A woman with curly hair is looking at a whiteboard. The whiteboard has some handwritten text, including "http://akaloo.com". The background is a solid yellow color.

EVENT #1: **HUMANITARIAN INNOVATION PITCH**

A national submissions contest addressing real-world challenges through technology, engineering and innovation

THE PROFESSOR RON JOHNSTON

HUMANITARIAN INNOVATION PITCH

What is it? The Humanitarian Innovation Pitch is a national submissions contest for university students.

Each group will identify a current, real-world humanitarian problem and then develop and demonstrate an innovative technological or engineering solution.

Submissions are to be comprised of a short video encapsulating the essence of your idea. Groups will also need to provide documentation showcasing the problem identified, solution, and some proof of practicality.

DETAILS

SUBMISSION DEADLINE:
19 April 2020

PRIZES:

The winner will receive:

- The Professor Ron Johnston Prize in Humanitarian Innovation
- A \$2,500 cash prize will be rewarded
- Offered an internship on a Pacific Islands engineering project with consulting engineering firm Cardno Ltd

Top submissions will receive:

- Multiple top-scored student submissions will receive travel stipends to attend the Humanitarian Innovation Hackathon in August held in Sydney.

THE PROFESSOR RON JOHNSTON HUMANITARIAN INNOVATION PITCH

ABOUT: This national submissions contest is for university students to develop innovative technological or engineering solutions that support human welfare through benevolent treatment or assistance to people for substantially altruistic reasons. Students are encouraged to select a real-world humanitarian problem (based on the focus areas identified) and develop technology-driven solutions, including a demonstration or other proof of practicality. Submissions are to comprise of a short video (no more than three minutes) explaining the problem chosen and solution developed. A written design brief will also be submitted showing evidence of how your solution could be achieved.

FOCUS AREAS IDENTIFIED:

- Identify by research a real problem in a humanitarian (post disaster) or a developing country context;
- Preferably with a connection to the United Nations Sustainable Development Goals;
- Especially those solutions that address needs which do not fit conventional commercial finance driven markets and are therefore “orphans” to traditional market solutions;
- Especially solutions aimed to alleviate or address needs of disadvantaged communities or
- Groups that may be overlooked by traditional engineering and technology projects.

ENTRY AND ELIGIBILITY:

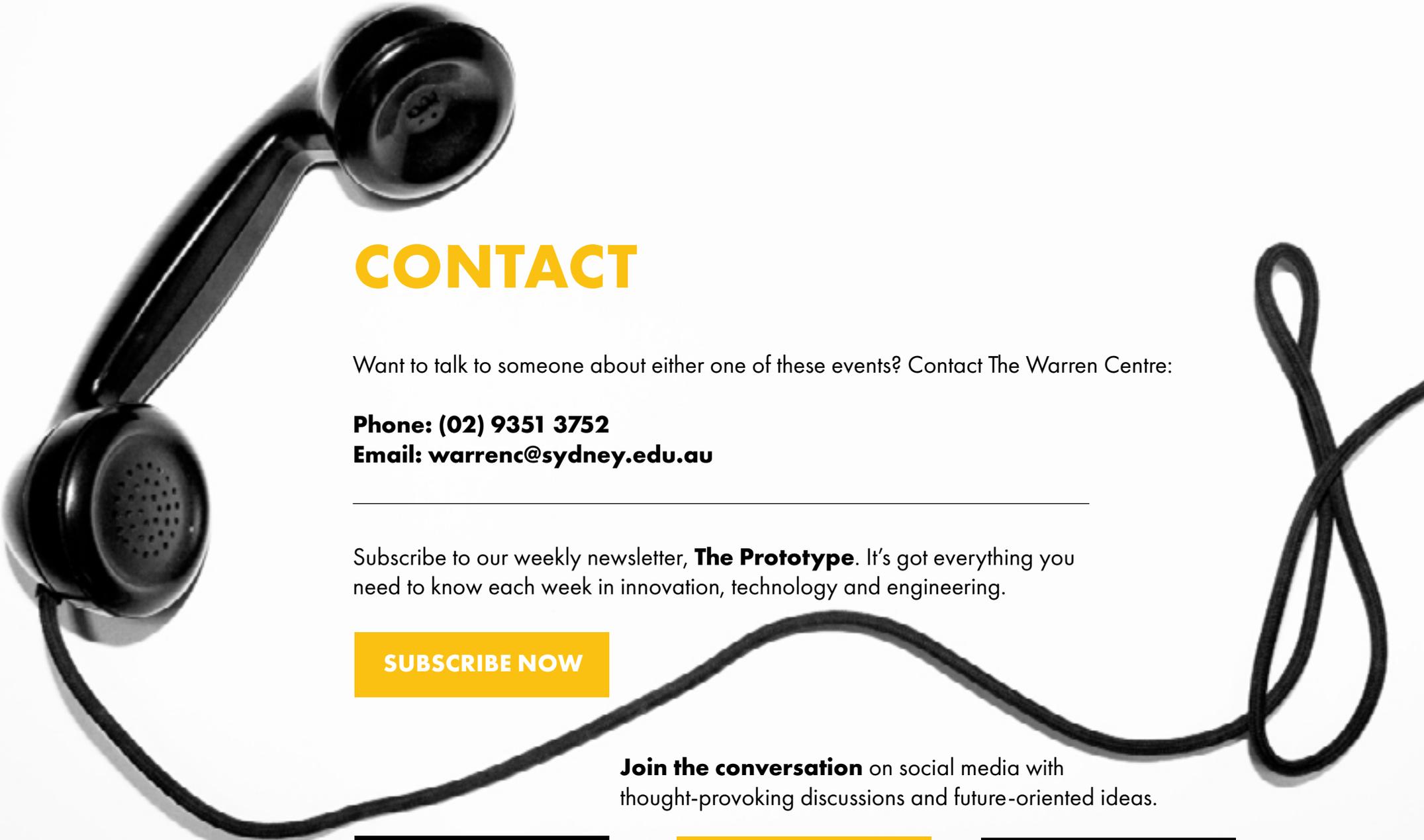
- International and national university students, domiciled in Australia and studying at any Australian university;
- Students eligible as above and studying in any discipline. We recommend “STEM-capable participants” studying for degrees in engineering and /or IT; the reason for this preference is because of the emphasis on “engineering” innovations;
- Students must be studying a undergraduate degree;
- Entry may be made by individuals or group of up to 3 or 4 individuals working as a team;
- Entrants will be required to provide evidence of their eligibility under these rules as a part of their submission.

EVALUATION CRITERIA: Evaluation criteria will include but not be limited to the degree to which the humanitarian engineering innovation:

- Uses engineering skills, knowhow and technologies;
- Is original;
- Is novel;
- Is inventive;
- Is environmentally sound and sustainable;
- Is practical for the target community or persons;
- Addresses a real and pressing problem.

An actual demonstration or other proof of practicality will be highly considered.

SUBMISSIONS: Submissions are to comprise of a short 2-3 minute video explaining the essence of your idea. Teams will also submit a written brief identifying the problem chosen, solution developed and proof of practicality. Submissions will close 19th April, 2020.



CONTACT

Want to talk to someone about either one of these events? Contact The Warren Centre:

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