PART A – COMPETITION DETAILS

This Part A sets out the details of the competition. The terms and conditions applicable to the competition are set out in Part B.

The challenge

The Westmead Applied Research Centre (WARC) is a multi-disciplinary research centre committed to applying innovative research and solving real world health problems.

WARC will award up to AU$50,000 in prizes to the most accurate and most usable technology solution which can provide accurate long-term readings of blood pressure.

The competition guidelines provide details around the specific prize information, testing parameters and competition timeline.

Focus of challenge

High blood pressure, or hypertension, is a highly prevalent chronic disease that affects a third of the Australian adult population. While treatments exist, achieving good blood pressure control is universally poor.

Blood pressure fluctuates by time of day, day of week and month of year. The most common currently used devices only measure blood pressure at a single point in time, require users to instigate the measure and don’t measure blood pressure at night. Current ambulatory blood pressure monitoring devices often interrupt sleep and are only worn for 24 hours.

We need a better measurement device to assess what a person’s average blood pressure is over much longer periods of time. Accuracy at any single point in time is not as important as gaining a meaningful profile of day and night blood pressure over weeks and months. Such a device could provide clinicians with a clearer picture of patient blood pressure control and improve assessment and monitoring of treatment.

How to enter

Registration and EOI details:

- Name of proposal
- Background on team (up to 500 words)
- Simple description of how the device will work of up to 250 words
- Proposal of up to two pages, use of illustrations, figures and tables is permitted
- Up to five references

Prize(s)

Winner(s) will be awarded the following prize(s):

- 1st prize: AU$10,000 cash
- 2nd prize: up to AU$5,000 cash and follow up support of 3 x 1-hour mentoring sessions from industry experts.

Entrants will have the benefits of free, independent clinical evaluation services valued at up to AU$100,000; and a prize for the winner of the device that has the optimal balance of accuracy and usability.
Blood pressure wearable device challenge

Details, terms and conditions of competition

Competition key dates

- 10 August 2018: Deadline to register for the challenge
- 1 November 2018: Deadline for detailed design submission (if applicable)
- 15 December 2018: Winners announced

Who may enter

Entry is only open to persons who, during the competition period, are:

- Over the age of 18, WARC embraces collaboration and innovation and world best practice in clinical trials so the challenge.
- Students, scientists, academics, entrepreneurs, startups or established company anywhere are invited to register a team to compete (up to 5 members). Competing teams will own the intellectual property of their submissions.

Participants are permitted to be members of more than one team and teams are permitted to submit more than one entry.

Additional entry instructions

WARC challenge email – warc.challenge@sydney.edu.au

Judging process

The centre is mounting the blood pressure wearable device challenge in two phases:

Phase 1 – concept and early prototype entrants

Winners will be awarded the following prizes:

- 1st prize: AU$10,000 cash
- 2nd prize: up to AU$5,000 cash and follow up support of 3 x 1-hour mentoring sessions from industry experts.

Phase 2 – ‘ready for validation’ device entrants (from Phase 1 and others)

- Entrants will provide devices for an Independent validation study, testing long-term measurements against home BP and AMBPM.
- Entrants will have the benefits of free, independent clinical evaluation services valued at up to AU$100,000, and a prize for the winner of the device that has the optimal balance of accuracy and usability.
Judging criteria

Based on detailed prototype plans and any initial testing results available, key criteria that will be judged are prospects that the final device will:

- Be able to measure average blood pressure accurately. The device should be able to estimate average blood pressure that is within 5 mmHg of average blood pressures obtained from multiple measures taken by a home-blood pressure meter and from a 24-hour ambulatory blood pressure meter.

- Be user friendly, for instance, the device enables blood pressures measurements during daily activities, has a good battery life.

- Meet standard safety requirements (the assessment criteria will specifically be focussed on long-term average values, with no requirement for snapshot accuracy).

Judging date

Prize winners will be announced in December 2018.

Prize winner notification

Prize winners will be emailed and announced on WARC website.

Special conditions

Entrants agree to, at WARC’s request, participate in reasonable promotional activity surrounding the competition or the winning of any prize, free of charge, and they consent to WARC and its related bodies corporate using their name and image in promotional material. Without limitation, entrants consent to being broadcast, filmed, photographed or otherwise recorded without compensation while participating in this competition, or in taking or using any prize, and they consent to WARC repeating any such broadcast, film or other recording at any time.

Entrants consent to the disclosure of their information (including their entry) to third parties for such purposes and grant to WARC, its successors and affiliates, a free, non-exclusive, worldwide, sublicenseable, perpetual and irrevocable licence to use, reproduce, distribute, adapt, publish, broadcast communicate and perform their entry, in whole or in part for any purpose including the competition.

All entrants agree to provide WARC with proof of identity, residency, age and/or proof of entry validity if reasonably requested by WARC. Proof of age, identification, residency and entry considered suitable for verification is at the sole discretion of WARC. In the event that a prize winner cannot provide suitable proof, that prize winner will forfeit the prize in whole and no substitute will be offered.

Each individual who contributes to a group entry is deemed to have consented to entering the competition and to have accepted the terms of the competition.
PART B – TERMS AND CONDITIONS FOR UNIVERSITY COMPETITION

1. These terms and conditions (“terms”) apply to the game of skill described in Part A (the “competition”).

2. The competition will be conducted by the Westmead Applied Research Centre of the University of Sydney (ABN 15 211 513 464 and CRICOS Number 00026A) (“WARC”) during the period specified in Part A (the “competition period”).

3. The terms may be amended or replaced by WARC in its absolute discretion and at any time.

4. Entry into the competition is deemed acceptance of the terms (as amended from time to time).

5. Entry is open students, scientists, academics, entrepreneurs who are over 18 years of age living anywhere in the world who comply with any entry restrictions specified in these terms.

6. To enter the competition, entrants must, during the competition period, follow the entry method and instructions specified in Part A.

7. Entries must be received by WARC during the competition period. Entrants may submit up to the maximum number of entries specified in Part A. Multiple entries (where permitted) must be submitted separately and if the competition requires the submission of a creative work, each entry by the same entrant must be unique and original. If an entrant submits multiple entries in excess of the permitted maximum, only the entry or entries most recently submitted (up to the permitted maximum) will be accepted by WARC.

8. If entrants are invited to answer a question, send in comments, photos and/or videos (or other multimedia) as part of their entry, each entry must be an original work by the entrant and the entrant must have obtained the permission from all persons appearing in photos/videos and property owners to enter this competition in accordance with the terms. Each entrant warrants that their entry is not, and its use by WARC or other persons will not infringe the rights (including intellectual property rights) of any third party.

9. Each entrant is responsible for notifying WARC of any changes to his/her residential address, email address or phone number during and after the competition period.

10. The competition is a game of skill, chance plays no part in determining the winner/s and each validly submitted entry will be individually judged by representatives of WARC as specified in Part A, on the basis of originality and creativity, and according to any other criteria specified or adopted by WARC.

11. A decision of WARC in relation to the conduct of the competition, including the selection of winning entries, is binding and conclusive and no correspondence will be entered into.

12. Unless otherwise specified in Part A, winners will be notified by phone and/or email within two business days after the judging date. Each entrant consents to WARC publishing details of a winner or winning entry on its website.

13. Unless otherwise specified in Part A, the prize must be claimed within one month of the judging date. If a prize is event-based or contains perishable goods, the prizes will be forfeited in full if not claimed by their expiry date. If a prize is not claimed within the specified time, WARC may, at its discretion, withdraw the prize or award the prize to the next best valid entry or entries.

14. Any expense, including all taxes or fees, spare parts, maintenance or delivery costs, associated with accepting, taking or using the prize, will be the prize winner’s sole responsibility.
15. No responsibility will be taken by WARC for any changes in dates, times or cancellations or other arrangements that may prevent a winner from accepting, taking or using a prize.

16. WARC may, in its absolute discretion, disqualify:

   a. any entry which is not original, is not completed in accordance with these terms, infringes the intellectual property rights of any third party, contains any objectionable or poor-quality content, or has the potential to damage the reputation of any person; or

   b. any individual who tampers with the entry process, submits an entry that is not in accordance with the terms, or who has in the opinion of WARC, engaged in unlawful or improper conduct that is designed to, or is likely to, adversely affect the fair and proper conduct of the competition or is generally damaging to the goodwill or reputation of WARC.

17. WARC reserves the right, in its absolute discretion, at any time before the awarding of the prize to cancel or vary a competition, or cancel, vary or withdraw its prize. If WARC cancels or varies a competition, or cancels, varies or withdraws its prize, is not:

   a. liable to any person for any costs, loss or damage whatsoever arising out of, or in connection with, such cancellation, variation or withdrawal; or

   b. required to conduct the competition at any other time.

18. WARC accepts no responsibility for late, lost, incorrectly submitted or misdirected entries, for any technological malfunction or failure, Internet traffic congestion, or for outdated or incorrect contact details by which the entrant cannot be contacted during business hours on relevant dates.

19. Entrants enter the competition at their sole risk. With the exception of liability which cannot be excluded by law, WARC is not be liable for, and an entrant releases WARC from, liabilities relating to any direct or indirect loss or damage which is suffered, or for personal injury or sickness suffered or sustained, as a result of entering the competition, failing to win, winning, accepting or using a prize.

20. Any information or material provided by entrants to WARC when entering the competition will be used by WARC for the purpose of promoting the purpose of the competition, conducting the competition, administering the prizes and as otherwise specified in these terms. WARC may use any personal information in accordance with its privacy policy available at its website sydney.edu.au. Entrants may access and correct their personal information held by WARC, upon request to WARC.