Grand Challenges: Transformative research on the world’s most intractable problems

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ANU Grand Challenges: Overview

• Large scale, long-term, interdisciplinary

• AUD$10m base investments

• Drive collaboration within and beyond the University

• Co-investment expected
Selection Process

Stage 1: Call for short video pitches. Complementary teams encouraged to amalgamate.

Stage 2: Two page proposals + pitch videos assessed by internal expert panel, leads to long list of 8.

Stage 3: 15 minute presentations + Q & A with external expert panel determines three finalists

Stage 4: Full business cases developed, with public pitch showcase for the three finalists

Stage 5: Winner announced
Your Health in Your Hands: 

**Personalised Medical Technologies**

- Revolutionise personalised medicine through wearable sensor technologies combined with genome sequencing
- Enable patients to manage their disease through personalised treatment programs
- Two global health priorities – diabetes and multiple sclerosis
- Future applications to other critical diseases, including asthma and cancer.

[https://www.youtube.com/watch?time_continue=12&v=IqAfOVO8aqw](https://www.youtube.com/watch?time_continue=12&v=IqAfOVO8aqw)
Challenges for Grand Challenges

- Many great teams: One winner
- Avoiding the hype cycle
- Long term commitments vs annual budgets
- Integrating with BAU of the University
- Interdisciplinary + cross-institutional = complexity
- Reversion to the siloed norm