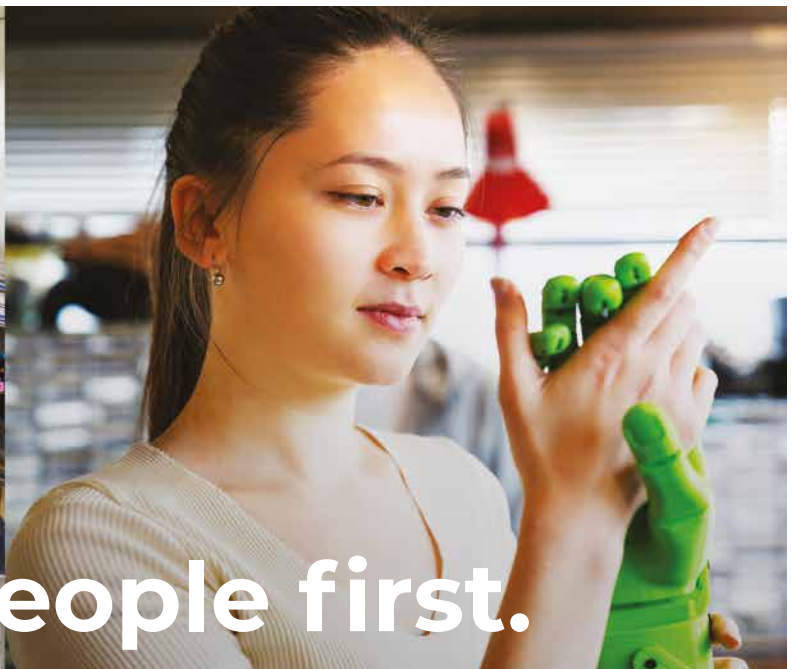
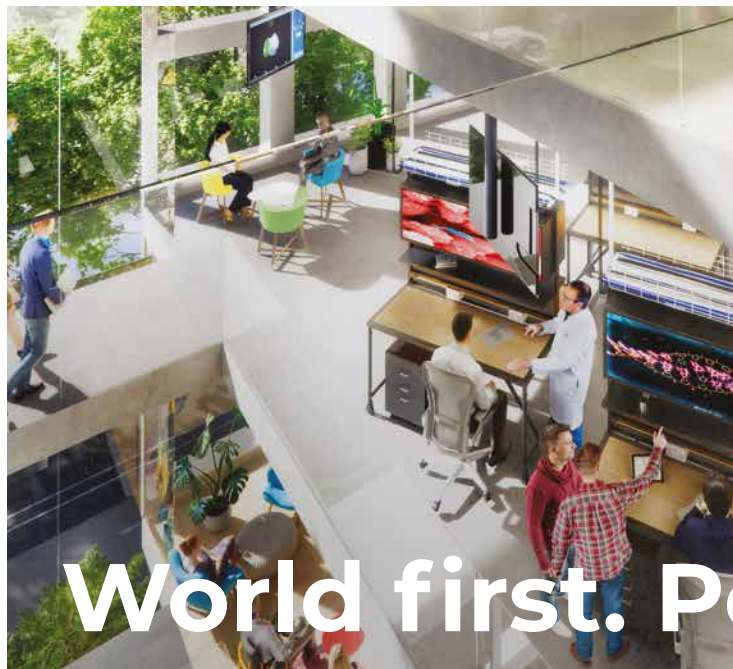


# ACMD

**Engineering is the  
future of medicine**







# World first. People first.

ACMD is a bold initiative to create the first hospital-based, world-class biomedical innovation Centre in Australia.

“The most difficult health and medical problems crumble when you bring together the greatest minds and set them a challenge.”

**Dr Erol Harvey, CEO ACMD**

At ACMD, we have identified where and why so many medical research projects fail to be fully commercialised in Australia.

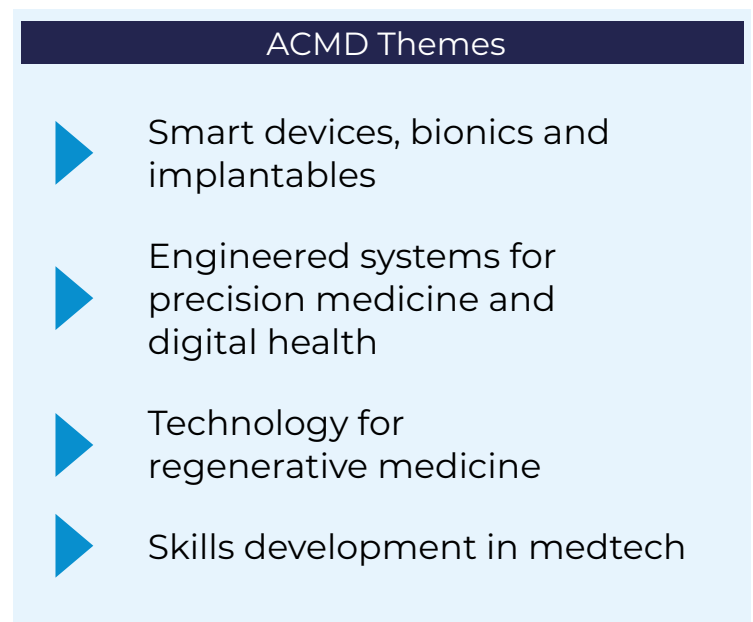
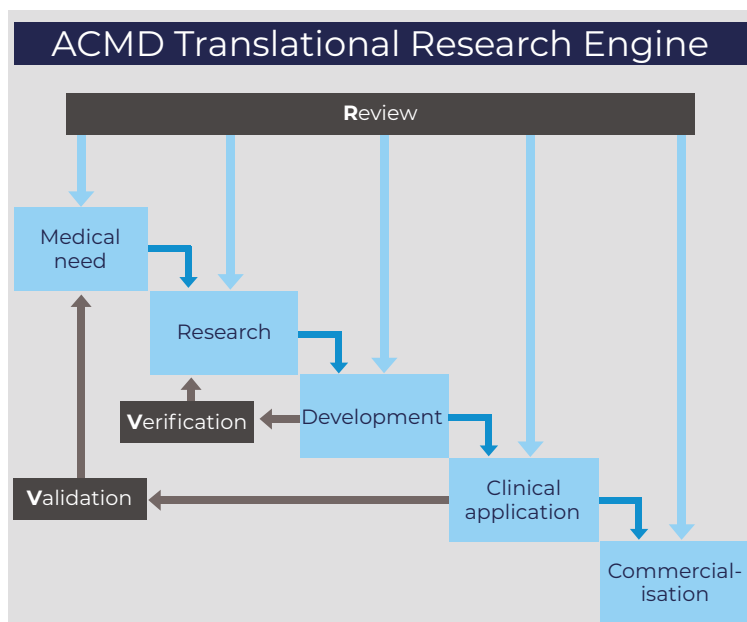
The “ACMD Translational Research Engine” is a step-by-step approach that fills the gaps in traditional commercialisation models.

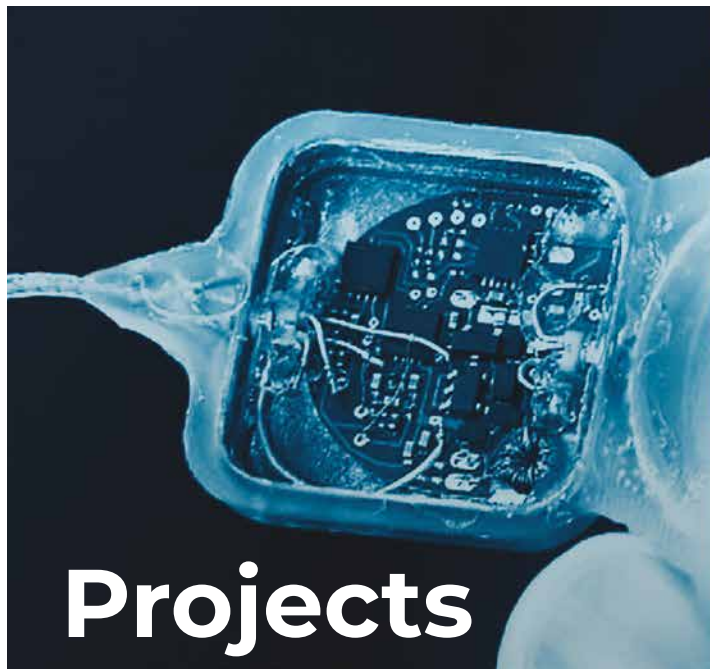
Our model will clearly identify the ‘need’ aspect of each project at the beginning stage. Researchers will then be provided with the right kind of skilled support at each

point of the process. This will help them to navigate their way successfully through the research pathway to ultimately solve a medical problem.

Expert clinicians, scientists, engineers and mathematicians will apply their unique strengths from project idea through to commercialisation.

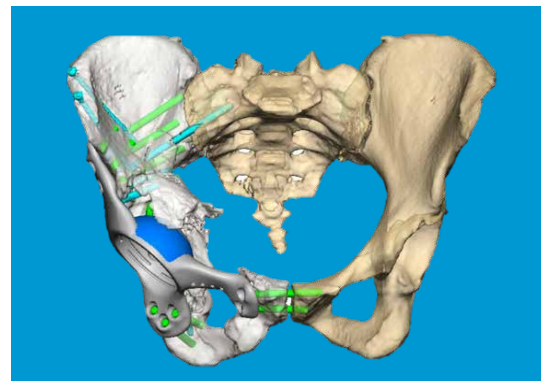
By nurturing partnerships with medtech and medical device manufacturing industries, ACMD creates significant high-value employment opportunities.





# Projects

ACMD researchers are accelerating previously unimaginable discoveries in biomedical engineering. These innovative research projects will improve the treatment, diagnosis and prevention of human disease, and generate economic opportunities.



## Projects fast-tracked on the path to commercialisation include:

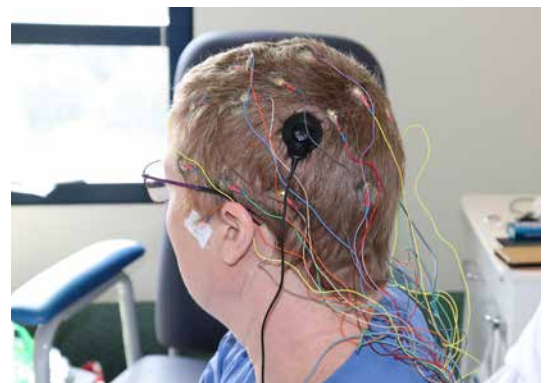
**Just in Time:** A combination of 3D printing, robotic surgery and advanced manufacturing to create tailored implants for joint replacement patients.

**Epi-Minder:** A world-first implant dubbed 'Fitbit for the brain', which can predict epileptic seizures.

**AxceldaPen:** This enables surgeons to print stem cells into the site of cartilage injuries, thereby preventing osteoarthritis.

Already, we are seeing the incredible impact these discoveries and technologies are having on patients: the teenager whose leg was saved thanks to a 3D custom-printed knee implant, and the epilepsy patients who can better manage their condition after receiving a high-tech implant that predicts seizures.

Visit [www.acmd.org.au](http://www.acmd.org.au) to find out about all our current projects.







# Partnerships

The power of ACMD lies in the strength of its connections. It has been created as a collaborative research partnership of leading universities and research institutes from across the country, a tertiary hospital and major industry partners.

The best ideas rarely come from one institute, which is why ACMD brings together experts in biomedical engineering. Together with clinicians, entrepreneurs and investors, we turn that scientific knowledge into solutions for patients.

“Innovation and collaboration are vital for our success. ACMD represents an opportunity to build on its strengths in research and engineering, with significant financial and health benefits for all Australians.”

**Brenda Shanahan, Chair  
ACMD Board**



## ACMD Partners

The ACMD partner network will continue to grow as other organisations are drawn to join this cutting-edge work.







The Centre

# ACMD – a bold new national biomedical engineering research Centre

The Centre will be a world-leading, fully integrated medical, engineering, scientific and commercial research hub.

This state-of-the-art facility has been designed by renowned architects Denton Corker Marshall in close collaboration with researchers and the building's future users. ACMD will be housed in a purpose-designed Centre on the campus of St Vincent's Hospital Melbourne. It will be a significant landmark, situated on the north edge of Melbourne's CBD, opposite the Royal Exhibition Building.

Funding has come from both the Commonwealth and Victorian State governments. Their support and

that of ACMD partners and philanthropic sources recognises the important research and significant medical discoveries that will be undertaken at ACMD.

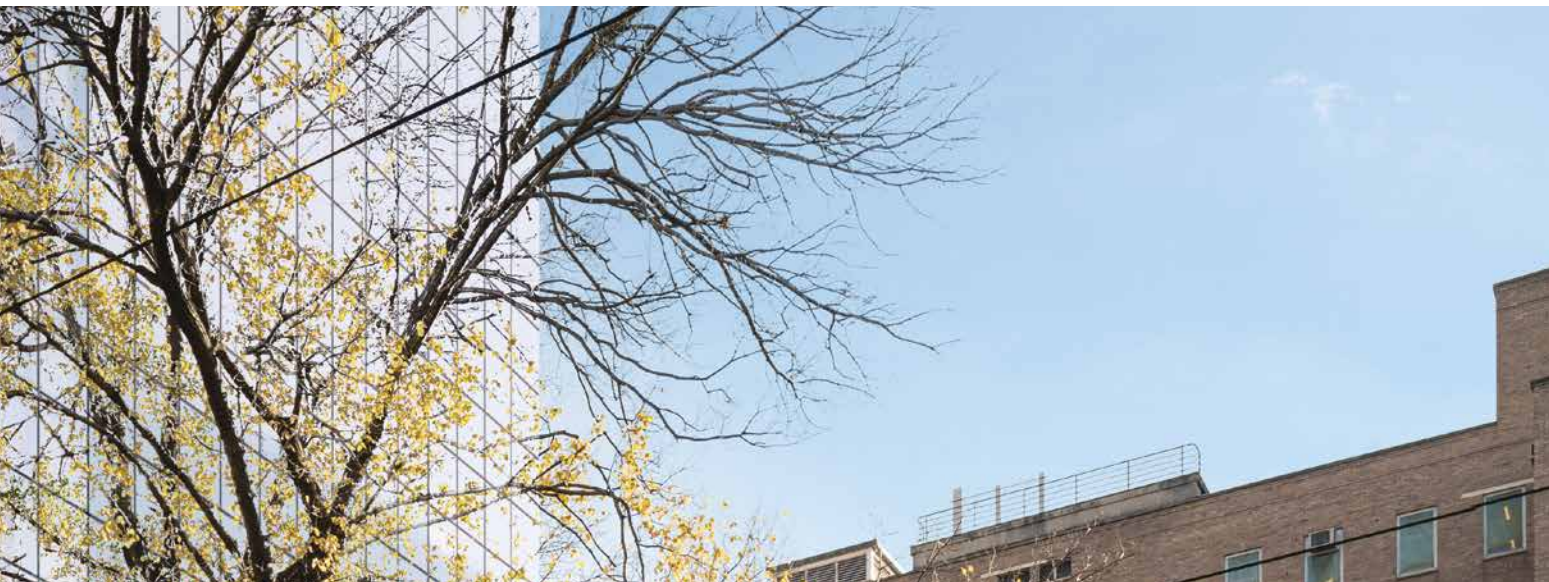
More contributions are needed to bring the building into being and to support this vital work.

Naming rights for theatres, laboratories and spaces are available. These exclusive opportunities offer a special way of supporting ACMD's biomedical engineering research.

**"ACMD will keep the city at the global cutting edge of medical technology."  
The Hon. Scott Morrison, Prime Minister, at ACMD federal funding announcement event.**







This exciting \$206 million building project will deliver a premier research centre. Funding has already been secured from key stakeholders including the Victorian and Commonwealth governments and ACMD partners.

**Opportunities exist to support the building’s construction, fit-out and ACMD’s ongoing research projects.**

**SECURED FUNDING**

Victorian Government	\$60 million
ACMD partners	\$56 million
St Vincent’s Health Australia and St Vincent’s Hospital Melbourne	\$32.5 million
Commonwealth Government	\$30 million
The Ian Potter Foundation	\$2.5 million

This is a \$206 million building project.

\$45 million funding is sought to complete the building (\$25 million) and centre fit out (\$20 million.)

**To discuss philanthropic funding and naming opportunities, please contact:**

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