

## Specialist laboratories

“Bringing together scientists and clinicians as a single cohesive group at the coalface of care allows immediacy in problem-solving.”

Professor Peter Choong



### Clinical Simulation Laboratory (Level 2)

A dedicated simulation suite includes simulated clinical areas and high-fidelity mannequins to assist students and staff by replicating real-life scenarios in realistic settings.



### Human Kinetics Laboratory (Level 3)

The Human Kinetics Laboratory features a state-of-the-art gait analysis system.

This facility will provide the capability to measure motion of the entire human body.

It is designed to explore human movement and the impact of neuromuscular conditions, treatment such as surgery and rehabilitation and function devices, such as prosthetics, orthotics and exoskeletons.

### Faraday Rooms (Level 2)

The development of hearing and vision technologies – specifically, implantable devices for sensory conditions, including human testing – needs to be conducted in a controlled environment. At ACMD, we have included six Faraday Rooms, which allow researchers to undertake experiments without electrical, sound or light interference.



## Spaces to nurture innovation

### The Research Lounge (Level 6)

A key feature of ACMD is its collaborative approach to solving problems. The Research Lounge is central to this approach, providing a meeting place where researchers can informally gather and have important conversations that will facilitate and speed up medical breakthroughs. The value of these ‘incidental conversations’ among the diverse range of researchers cannot be underestimated. Facilitating discussions is pivotal to the success of the work undertaken.

### The Student Lounge (Level 1)

Much of the groundbreaking work of ACMD will be undertaken by research students, working with their supervisors and colleagues. In the same way that the Research Lounge fosters collaboration, the Student Lounge allows for the mingling of people and ideas.

## Integrating teaching and education

ACMD will be a premier training ground for outstanding clinicians, allied health, and biomedical researchers in Australia.

It will provide graduates with the knowledge and skills to understand and solve major health problems in a cross-disciplinary, ‘project driven’ environment with direct application to hospital patients.



AUSTRALIA'S FIRST COLLABORATIVE, HOSPITAL-BASED MEDICAL ENGINEERING CENTRE



AN EPICENTRE FOR NATIONAL AND INTERNATIONAL EVENTS AND RESEARCH COLLABORATIONS



SPECIALIST TRAINING FOR STUDENTS, RESEARCHERS AND ENTREPRENEURS TO FAST-TRACK THE PATH TO COMMERCIALISATION

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 – main works	\$32.5 million
Commonwealth Government	\$30 million
The Ian Potter Foundation	\$2.5 million
<b>TOTAL RAISED TO DATE</b>	<b>\$181 million</b>
<b>Building and Equipment Capital Campaign TOTAL FUNDRAISING REQUIRED</b>	<b>\$45 million</b>

To discuss philanthropic funding and naming opportunities, please contact:

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# ACMD

Be a part of the future of medicine







## Make your mark on medical history

Naming rights for the building are available, as well as for significant internal spaces. These exclusive opportunities offer a special way to support medical innovation or leave a legacy for you, your family or your organisation.



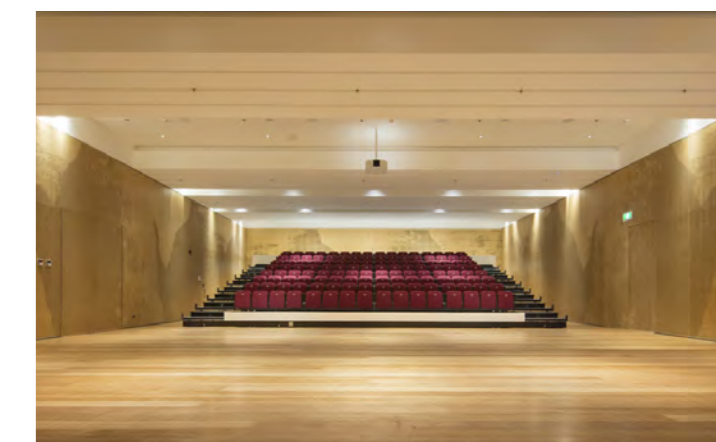
the exciting work being undertaken within the ACMD Centre. This premium position affords a unique opportunity to honour your support or the support of your organisation.

### Exhibition Space (Ground Level)

This multi-purpose, highly visible ground floor space offers opportunities for members of the public, staff and students to view a wide range of exhibitions including science and historical displays. It will also act as a reception space where events and seminars can be held. Plus it provides an additional space for large conferences held in the adjacent Lecture Theatre.

### The Centre

We are offering an exclusive opportunity for an individual or organisation to secure the naming rights of the ACMD Centre. By attaching your name to the building, your philanthropy or your organisation will be prominently recognised for your commitment to improving public health in Australia.



### Lecture Theatre (Levels 1 and 2)

The Lecture Theatre will be a major gathering point and teaching centre for local, national and international students, academics and members of the public. A soaring space, the Lecture Theatre is positioned across Levels 1 and 2 and features retractable seating to transform it into a space that can host national and international conferences, launches and major events.

Architects plans for each floor level are available at [www.acmd.org.au](http://www.acmd.org.au)



### The Atrium (Ground Level)

The Atrium is the first introduction visitors will have to the ACMD Centre. It has been designed for maximum impact. A sculptural staircase and interior gardens create a visual link to the historic buildings and gardens opposite. This light-filled space will welcome national and international visitors and event attendees, as well as researchers, patients and practitioners to

The building will be the home for ACMD, and like any home, it will create, hold close and develop the culture that supports the people who are part of it. People will come because of ACMD's unique facilities; they will stay because of its unique culture."

Dr Erol Harvey, ACMD CEO

## Engineering is the future of medicine

At ACMD, we are harnessing the power of engineering to transform the future of medicine. Our strategy is focused on tapping into talent from across Australia. We are bringing together engineers, medical researchers, doctors and nurses to develop new ways of solving major health issues.

Diseases and conditions that challenge us now and increasingly in the future include:

- epilepsy
- osteoarthritis
- diabetes
- traumatic joint injury
- cancer.

### ACMD = extraordinary results

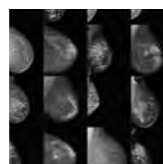
Experts in mechanical, electronic, robotic and digital and data engineering have begun creating smart devices, implantables and technology that will vastly improve the quality of life for people living with serious illness. Here are some examples of the projects that are currently underway.

#### Glaucoma treatment

Glaucoma is a progressive eye condition that can cause blindness. It affects over 300,000 Australians. ACMD researchers have developed the Vivid White implant, which is designed to protect the eye and the external tissues. This implant will revolutionise treatment of glaucoma.

"For the first time, we are creating a hospital-based environment where experts from many disciplines will collaborate to transform medicine using advanced engineering research."

Brenda Shanahan AO, ACMD Board Chair



#### BRAiX

Breast cancer is the most common cancer in Australian women and the second most common cancer to cause death in women. Currently, the interpretation of mammograms can be slow and inaccurate. The artificial intelligence (BRAiX) program will transform breast cancer screening. This program will improve the speed and accuracy of breast cancer detection, minimise harm from screening, and provide more targeted treatment options.



#### Diabetes project

Around 1.7 million Australians have diabetes and approximately 85% of these people have Type 2 diabetes. A device is being developed for people with Type 2 diabetes. The device can change blood-glucose levels and the output of pancreatic hormones.

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

## Opportunities exist to support this iconic project

### The ACMD Centre

The ACMD Centre is a state-of-the-art facility that has been designed by leading architects Denton Corker Marshall in close collaboration with ACMD partners, researchers and medical staff. This groundbreaking centre will be located 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.

### Building funding

While ACMD is already a successful vibrant enterprise, it is housed in temporary premises on the St Vincent's Hospital campus, which it has now outgrown. ACMD's ongoing success and further development relies on the completion of the new Centre.



The Centre is a \$206 million building project. We have attracted both Victorian and Commonwealth government support. ACMD partners have made significant contributions and now we are offering naming rights for the whole Centre and for the spaces, rooms and laboratories within it.

### Exclusive naming rights opportunities

**Naming rights for the entire Centre are available.** We are also offering naming rights for the atrium, exhibition space, laboratories and significant internal spaces. These exclusive opportunities offer a special way of supporting a place of truly national significance. Be a part of the future of medicine by leaving a legacy for you, your family or your organisation.

**For a confidential discussion, please contact Lyn Amy, CEO, St Vincent's Foundation on 0417 158 953.**