



MONASH  
YOUNG  
MEDTECH  
INNOVATORS

# MYMI x MBESS INDUSTRY GUIDE 2026

# FOREWORD

Welcome to the 2026 MYMI Industry Guide!

This guide has been developed to give early career professionals an overview of opportunities within the medtech field. We recognise that choosing a career path can feel overwhelming and daunting, especially in a field with so many emerging roles and rapidly evolving technologies. We aim to make those decisions easier by outlining a range of graduate programs, entry-level pathways, and organisations currently shaping the sector.

We hope this guide provides clear, useful information and supports your exploration of the medtech industry.

All the best,  
MYMI Committee

## ACKNOWLEDGEMENT OF COUNTRY

We wish to acknowledge the people of the Kulin Nations, on whose land we gathered for meetings, collaboration and the ultimate creation of this guide. We pay our respects to their Elders, past, present and emerging.



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# About MYMI

## Who we are

MYMI is an interdisciplinary organisation dedicated to achieving positive impact through medical technology, healthcare, and biomedical innovation. We bring about collaboration between undergraduates, graduates, PhDs, and Early Career Researchers (ECRs) regardless of home institution, discipline, creed, or experience. MYMI is composed of a committee and a medtech project portfolio.

## Our Vision

To engage and connect young visionaries to academia and industry through strengthening partnerships in all sectors of medical technology, healthcare, and biomedical innovation.

## Our Mission

Our primary goal is to be the epicentre for medical technology, healthcare, and biomedical innovation. Through our work, we:

- Build and provide a clear pipeline and network for young people to enact positive systemic change
- Focus on facilitating and sparking interdisciplinary projects in healthcare
- Improve access to new and essential medical and healthcare technology through sustainable practices

# Committee + Projects

## MYMI COMMITTEE ORGANISATION

The MYMI Committee is made up of several branches and coordinated by our Managing Directors of Operations. Each branch is led by Director/s who plan the year ahead and coordinate the execution of their role within MYMI. The 2026 executive committee is listed below.

### ACADEMIC ADVISORS

DR. ANDREW RODDA | DR. JULIE DAO | DR. PAT CHEN | ASSOC. PROF. KHOA CAO

### PRESIDENT

DART RINCKES

### COMPLIANCE

SAYUMI DE COSTA  
LACHLAN LI

### OPERATIONS

LAUREN HERMANN  
RUBY VAN BEVEREN  
ALPHONSA BENJAMIN

### PARTNERSHIPS

ALYANNA TRAJANO

### CULTURE, ENGAGEMENT & OUTREACH

JACK ENGLEFIELD

### PROMOTIONS

LAILAA AGHA

### PROJECTS PORTFOLIO

SEE MYMI OPPORTUNITIES ON  
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## PROJECT TEAMS

MONASH  
HEARTHACK

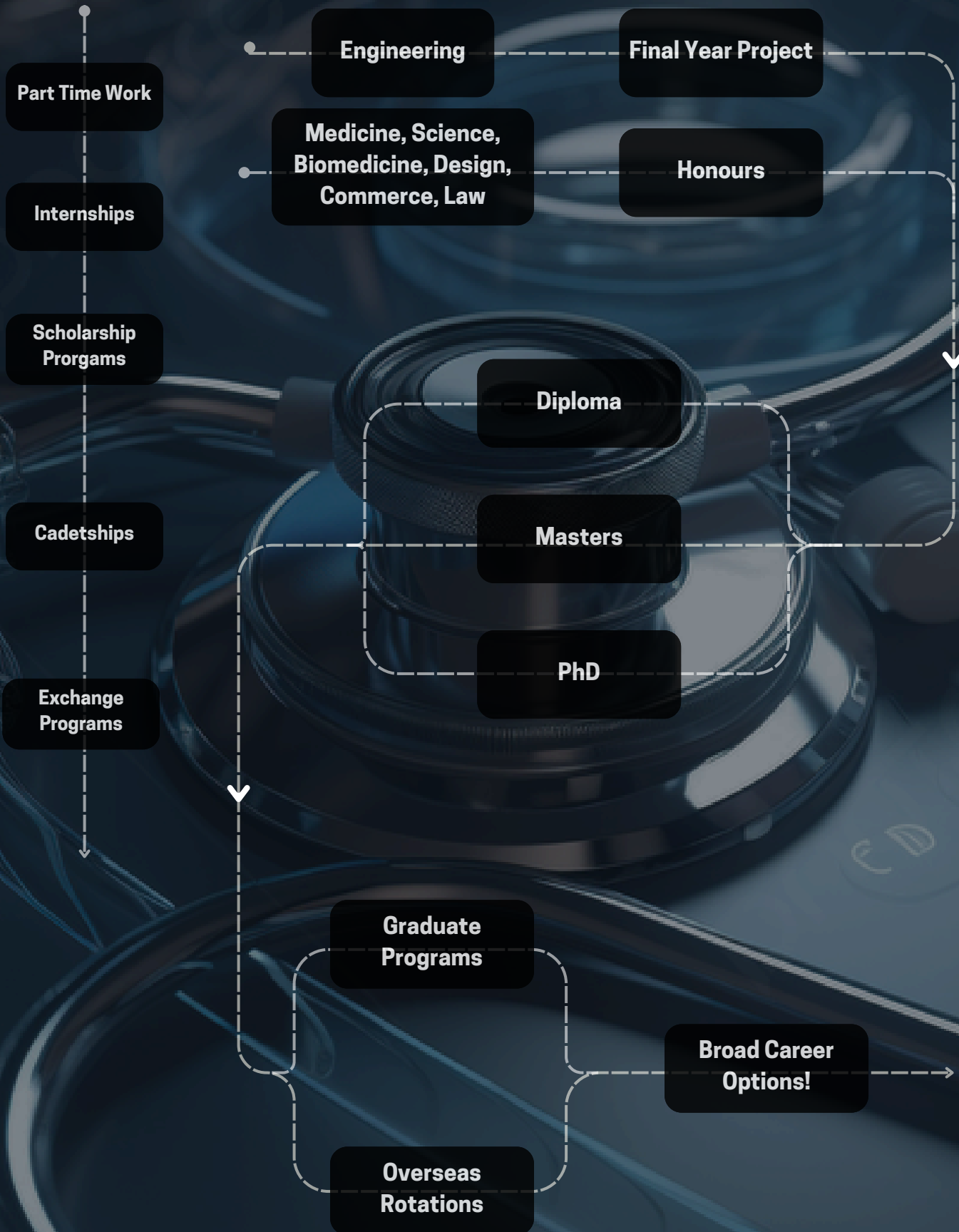
NEPHROS

MYNEURON

AESOP

DREAMPOD

# Career Progression





# MONASH INSTITUTE OF MEDICAL ENGINEERING

Notable Projects: Evidencea, Project Smart Sight, Project Breathe

The Monash Institute of Medical Engineering (MIME) is a leading Australian clinical innovation platform that accelerates the development of medical technologies by integrating expertise across medicine, engineering, IT, and design. Headquartered at Monash University, the institute functions as a bridge between researchers and frontline clinicians to solve "unmet clinical needs" through a strategy focused on translation and commercialization. By fostering multidisciplinary teams and providing competitive seed funding, MIME transforms academic research into real-world applications—such as robotic surgical tools, bionic vision, and AI-driven diagnostics—to improve healthcare delivery and patient outcomes globally.



MONASH  
University

MONASH  
INSTITUTE OF  
MEDICAL  
ENGINEERING



## SEERPHARMA

“Advance Quality and GMP Best Practices in the APAC region”

SeerPharma is a leading Asia-Pacific consulting firm specializing in technical compliance and Quality Management Systems (QMS) for the pharmaceutical, medical device, and life science industries. Established in 1989, the company provides expert guidance on Good Manufacturing Practice (GMP) and GxP standards to ensure clients meet the rigorous requirements of global regulators like the FDA, TGA, and EMA. Beyond auditing and consulting, SeerPharma is a major educational provider through its partnership with the University of Technology Sydney (UTS) and a software integrator, deploying electronic quality management solutions (eQMS) to automate operational workflows and improve data integrity across the supply chain.



SeerPharma®  
CONFIDENCE IN COMPLIANCE



# BIOMEDICAL SOLUTIONS

“Technical Expertise For Your Medical Technology”

Biomedical Solutions is an independent technical service provider that specializes in the lifecycle management of medical equipment and healthcare infrastructure. Founded in 2012, the company provides essential biomedical engineering services, including preventive maintenance, electrical safety testing, and repairs, to a vast network of public and private hospitals, day surgeries, and laboratories. They are notably recognized for being the first biomedical engineering service organization in Australia to achieve NATA accreditation for inspection testing, positioning them as a critical partner for healthcare facilities requiring strict adherence to Australian standards (such as AS/NZS 3551) and regulatory compliance.



# MEDTECH ACTUATOR

The MedTech Actuator is Asia-Pacific’s leading industry-led venture builder and accelerator dedicated to commercializing high-impact medical, health, and biotechnology startups. Based in Melbourne, it operates a rigorous 15-month "accelerator" model that bridges the gap between lab-bench research and market-ready products by providing seed funding, mentorship, and clinical trial pathways. The organization serves as a critical ecosystem orchestrator, connecting founders with a massive network of industry partners, venture capital (notably through Artesian), and clinicians to navigate the complex regulatory and manufacturing hurdles unique to the healthcare sector.

# MEDTECH MIXER

# INDUSTRY REPS

This section contains the full list of Industry Representatives and panelists in attendance at the 2026 MBESS x MYMI MedTech Mixer networking night

# PANELISTS



**DANIEL FLEWELLEN**  
**DIRECTOR/CONSULTING MANAGER- SEERPHARMA**

Daniel has consulted for the Medical Device and Pharmaceutical industries for over 25 years and has a particular interest in software validation and data integrity. He is passionate about helping start up companies design their products and quality systems with a focus on lean compliance, to set them up for regulatory success.



**JOHN FORSYTHE**  
**CO-DIRECTOR- MONASH INSTITUTE OF MEDICAL ENGINEERING**

Professor John Forsythe is a biomedical engineer specialising in biomaterials and regenerative medicine. His work focuses on developing treatments for neurological conditions like Parkinson's disease, stroke, and brain injury using advanced materials to support tissue repair.



**ANDIONNE PARLADE**  
**COMMERCIALISATION SPECIALIST- MTP CONNECT**

Dr Parlade is a physician scientist by training, and is currently working as a Commercialisation Specialist at MTPConnect, supporting high-potential early-stage companies developing therapeutics, medtech, and biotech innovations through MTPConnect's Accelerator programs.



Andrew Batty is an experienced medtech executive of over 25 years in the healthcare sector. He specialises in commercialising innovative medical technologies and has helped launch and grow numerous biotechnology and medical device companies across Australia.

**ANDREW BATTY**  
**ADVISOR TRANSLATION & COMMERCIALISATION- AIKENHEAD CENTRE FOR MEDICAL DISCOVERY**



**MADHU BHASKARAN**  
**DIRECTOR- DISCOVERY TO DEVICE PROTOTYPING FACILITY RMIT UNIVERSITY**

Distinguished Professor Bhaskaran is a multi-award winning electronics engineer and innovator. Her work on electronic skin and wearable sensors has been patented and her group now works collaboratively with multiple industry and design partners to commercialise the technology for healthcare and aged care. She is a passionate advocate for equity and diversity and she proudly co-leads Women in STEMM Australia.



**MO DIRANI**  
**CHAIRMAN- PLANO**

Founder & Chairman of Plano, a Singapore based HealthTech company established in 2017. Adjunct Associate Professor at Duke-NUS. Recently moved back to Australia, where he advises a number of startups & is currently the Heart Foundation's first Entrepreneur in Residence.



# INDUSTRY REPS

## ANDREW CAREY

MANAGER- MONASH INSTITUTE OF MEDICAL ENGINEERING

Andrew is an experience postdoctoral researcher, research team leader, and people and program manager. With a 20 year record in basic, clinical and translational intervention research, Andrew now specialises in networking and management of BioMedTech reseach at Monash University



## SHARMA KAZMI

PROJECT MANAGER - MONASH INSTITUTE OF MEDICAL ENGINEERING

Sharma Kazmi is an experienced, people-centric enabler of medtech innovation, with a strong track record of delivering successful outcomes across research and innovation projects. She is passionate about bridging the gap between research and real-world impact, helping promising ideas move from the lab to the market.



## MATTHEW JONES

MANAGING DIRECTOR- BIOMEDICAL SOLUTIONS

Matthew has been a biomedical engineer for almost 30 years and has been working in the healthcare industry ranging from engineer-based roles to sales and management roles, including running his own business for about 14 years. Matthew possesses a broad technical skill set, having various technical training on specific devices in Australia and overseas.



## WENJING SUN

EXPERIMENTAL SCIENTIST- ENZIDE TECHNOLOGIES

Wenjing has her degree in Materials Engineering and Biomedical Science at Monash. A former member of both MYMI and the Melbourne Bioinnovation Student Initiative, she now works at Enzide Technologies. These experiences shaped her passion in next-gen sustainable biomaterial innovation.



## REZA NOSRATI

ASSOCIATE PROFESSOR & NHMRC FELLOW- MONASH UNIVERSITY

Dr Reza Nosrati is the Director of the Applied Microfluidics & Bioengineering (AMB) Lab at Monash University. His research focuses on small-scale fluid mechanics with applications in reproductive biology and medicine. This research has attracted broad public and clinical attention, with coverage in over 200 media outlets worldwide and numerous prestigious awards.



PROFESSOR AND CLIFFORD CHAIR IN NEURAL ENGINEERING- UNIVERSITY OF MELBOURNE

Professor Grayden is Co-Director of the Victorian Medtech Skills and Devices Hub and Director of the ARC Training Centre in Cognitive Computing for Medical Technologies. He researches how the brain processes information, how best to present information to the brain using medical bionics, and how to record information from the brain.



## AZIN AZADI

STAFF SCIENTIST, BIOMATERIALS AND MICROPHYSIOLOGICAL SYSTEMS- CORTICAL LABS

With a background in materials science and engineering, Azin focusses on optimising the CLI platform and designing scaffold structures to support bioengineered neural cultures for computational applications. Her work sits at the intersection of biology, engineering, and emerging computing technologies.



## THERESE HO

SYSTEMS ENGINEER- NUTROMICS

After completing a Masters of Biomedical Engineering at the University of Melbourne, Therese became a Systems Engineer. She loves problem solving, and is passionate about how innovation and collaboration across disciplines can lead to meaningful healthcare outcomes and improved patient care.



# INDUSTRY REPS



**GIHAN DE MEL**  
FOUNDER/CEO- SWIFTIO

Dr Gihan de Mel is a Melbourne-based GP, health tech founder, and advisor working at the intersection of clinical medicine and AI-enabled healthcare systems. He is an Advisor and Board Member at Heidi Health, and the Founder & CEO of Swiftio - a clinician-led platform focused on improving coordination of medical care in Australian aged care.



**MESHA WARQ**

INTERPRETER- THE ROYAL MELBOURNE HOSPITAL

Mesha has a multidisciplinary background across healthcare, migration, law, and international development. Before joining RMH, he worked with major UN agencies including IOM and UNODC, leading programs focused on refugee support, health, and community safety in complex humanitarian settings. He is currently completing a Master's in Interpreting and Translation at RMIT University with a strong interest in AI, language accessibility, and cross-cultural communication.



**AJIT RAVINDRAN**  
CEO- LENEXA MEDICAL

Ajit is the Co-Founder and CEO of Lenexa Medical, a medtech company developing AI-enabled smart bed technology to support pressure injury prevention and personalised care in hospitals and aged care. Passionate about translating ideas into real-world healthcare impact, he is focused on how AI and human-centred design can improve patient outcomes, support clinicians, and build more sustainable healthcare systems.



**KYLE MAY**

DESIGN ENGINEER- NUTROMICS

Kyle is part of the R&D Team at Nutromics working on a lab-on-a-patch for continuous and real-time molecular monitoring. His work spans greatly between usability engineering, sensor Fabrication, and product-market fit activities. Kyle has a particularly keen interest in the intersection between engineering and people.



**JAMES SALAMY**  
LECTURER- MONASH UNIVERSITY

James Salamy is an education-focused Lecturer in the Electrical and Computer Systems Engineering Department. He completed his undergraduate degrees at Monash before attending graduate school at MIT. He is interested in how to best support students from a broad range of backgrounds succeed in their courses, and how to most effectively develop engineering (design) thinking skills at scale.



**BROOKE FARRUGIA**

ASSOCIATE PROFESSOR- UNIVERSITY OF MELBOURNE

Dr. Brooke Farrugia is an Associate Professor in the Department of Biomedical Engineering where she leads a research group specialising in biomaterials, tissue engineering, and matrix biology. Dr. Farrugia has an extensive research background that includes biomaterial development, wound healing, molecular biology, and glycobiology.



**MERLIN THOMAS**  
FOUNDER - RAGE BIOTECH

Merlin is the founder and former CSO of RAGE Biotech, a company developing inhaled RNA therapeutics

**ANITA PETRIS**

INDUSTRY ENGAGEMENT MANAGER - VICTORIAN MEDTECH SKILLS AND DEVICES HUB

With over 25 years working across research and commercial organisations, Anita brings together diverse perspectives and experience across the translation and commercialization spectrum. She entered this field as Molecular Biology Researcher (BSc. Hons) working at a number of medical research institutes (Austin Research Institute, Garvan Institute) and AMRAD Pharmacia Biotech.



# INDUSTRY REPS



## DR MEGHANA KULKARNI

PROJECT MANAGER - BIOINTELECT VENTURER

Dr Meghana Kulkarni is a Project Manager at Biointellect Venturer with a background in global health, life sciences, and antimicrobial resistance. She holds a Master of Biomedical and Health Sciences from Monash University and has previously worked with the Doherty Institute and MTPConnect, supporting national and international research and innovation programs. At Biointellect, Meghana works on the MRFF-funded incubator, which will be supporting health and medtech SMEs translate innovative ideas into commercial outcomes.

## PROF CHRISTOPH HAGEMEYER

DIRECTOR, MONASH BIOMEDICAL IMAGING AND HEAD, NANOBIO TECHNOLOGY LAB

Professor Hagemeyer serves as the Director of Monash Biomedical Imaging and the Head of the NanoBiotechnology Laboratory at the Australian Centre for Blood Diseases, Monash University.

He began his academic journey studying Chemistry in Germany and earned his PhD in Biochemistry from the University of Freiburg. With an expertise in using small recombinant single-chain antibodies for molecular imaging and targeted drug delivery, Professor Hagemeyer now focuses on developing "bio-better" antibodies with enhanced functionality through the novel Sortase Bio Click technology pioneered in his laboratory.



## SEAN MACPHERSON

MANUFACTURING ENGINEER - SCHOTT MINIFAB

Sean is a manufacturing engineer with 5+ years' experience, currently at SCHOTT MINIFAB, a business specialising in high-precision injection moulding and microfluidic devices. His role spans early product development, bringing new devices into production, and driving continuous improvement to reduce cost and improve quality. He has worked on a variety of products, including in-vitro diagnostics and life science research tools. Day-to-day, he sits somewhere in-between engineering, problem-solving, and working with different teams to get products out the door.



## KAILASH VINU

CO-FOUNDER - ACTIMO LABS

Kailash is a protein biochemist and entrepreneur focused on applying AI to improve scientific discovery and clinical translation. With a background in biochemistry and human pathology from Monash University and research experience in regenerative medicine, he founded Actimo to address the high failure rates in therapeutic development caused by poor clinical relevance and early decision making. Kailash combines expertise across biology, AI driven product development, and commercial strategy, working closely with researchers, biotechs, and healthcare partners to translate complex science into scalable real world solutions.



## DINASHA WIMALASIRI

PHD CANDIDATE - HUDSON INSTITUTE

Having been part of the team that created MYMI, Dinasha has experienced what it is like to navigate the MedTech ecosystem. Through the creation and organisation of the Healthcare Innovation Summer Scholarship and Heart Hack, she has experience in the pathway from ideation to commercialisation. Through her work at MedTech Actuator, she has been part of organising the Origin Program and what teams at early ideation and commercialisation stages need to progress.



MYMI'S

# INDUSTRY PICKS

In this section, you'll find MYMI's curated list of standout MedTech companies for this year. These are companies we see as leading names in the industry and places we would be excited to work at. The selected companies are listed below:

- Hydrix
- CSL
- Biotronik
- Cochlear
- Anatomic
- ResMed
- Accenture
- CSIRO
- IQVIA
- Deloitte
- Chemtronic
- Enzide Technologies
- Cortical Labs
- 4D Medical
- Engineers Australia
- Telstra Health

# HYDRIX

Melbourne, VIC

Hydrix designs and develops sophisticated technologies that need to perform with precision and reliability, whether they are saving lives, supporting clinicians, or enabling next-generation platforms. Their integrated team combines systems engineering, electronics, software, human-centered design, and regulatory expertise. They support product development from concept to commercialisation, all within ISO 13485 and ISO 9001 certified quality systems.

# hydrix

## DISCIPLINES

- Product Engineering and Realisation
- Market Strategy and Execution
- Human centred Product Design
- AI, IoT and Secure Platforms

# CSL

## DISCIPLINES

- Mechanical Engineering
- Chemical Engineering
- Mechatronics Engineering
- Microbiology
- Immunology
- Pharmaceutical Science
- Chemistry
- Biotechnology

weeks and is open to students currently completing a university degree, with opportunities across areas such as engineering, research and development, finance, supply chain, cybersecurity, and data analysis.

The Graduate Rotational Program is a two-year full-time program with three rotations across functions such as engineering, manufacturing, quality, supply chains, global procurement, finance, and information and technology. Applicants must be Australian or New Zealand citizens, based in Melbourne, and have completed, or be close to completing, an undergraduate or postgraduate degree. The recruitment process generally involves an online application, online assessment, CSL Experience Centre, and final offer.

# CSL

Melbourne, Vic

CSL is a global biopharma company with a dynamic portfolio of lifesaving medicines, including those that treat hemophilia and immune deficiencies, vaccines to prevent influenza, and therapies in iron deficiency and nephrology. Since their start in 1916, they have been driven by their promise to save lives using the latest technologies. Today, CSL – including their three businesses, CSL Behring, CSL Seqirus and CSL Vifor – provides lifesaving products to patients in more than 100 countries and employs 29,000 people.

## PROGRAMS

CSL offers early-career opportunities through its Internship Program and Graduate Rotational Program, with roles based in Melbourne, Australia. The Internship Program runs for 8 to 12

# BIOTRONIK

Pymble, NSW

BIOTRONIK is a medical technology company focused on improving patients' quality of life through innovative healthcare solutions. With over 60 years of experience, the company develops advanced implantable devices and therapies that work in harmony with the human body to treat heart disease and chronic pain. Their core areas include cardiac rhythm management, patient monitoring, neuromodulation, and electrophysiology, all aimed at delivering reliable, life-changing medical care.

## PROGRAMS

The company offers several student pathways, including student internships, student employment, and dual study programs. These opportunities are designed for enrolled university students who want to gain practical industry experience while continuing their studies.

Student internships are paid opportunities for students with an interest in a relevant field. Student employment roles involve working on projects and daily business activities, with tasks varying by department and role requirements. The dual study program combines university study with practical company placements, usually starting in September and lasting up to three years depending on the degree program.



# BIOTRONIK

excellence for life

## DISCIPLINES

- Cardiac Rhythm Management Engineering
- Vascular Intervention Engineering
- Biomedical Engineering
- Materials Science & Biocompatibility
- Mechanical & Precision Engineering



# COCHLEAR

Global

Cochlear Limited is the global leader in implantable hearing solutions, dedicated to providing life-changing technology to individuals with moderate to profound hearing loss. Since pioneering the commercial cochlear implant in 1981, the company has provided over 750,000 devices to recipients across 180 countries. By investing heavily in research and development, Cochlear continues to drive innovation in sound processing and wireless connectivity, ensuring users can connect more fully with the world around them.

## DISCIPLINES

- Audiology
- Engineering
- Information Technology
- Manufacturing
- Research and Development

## PROGRAMS

Cochlear offers a Summer Student Program in Sydney, running from late November to mid-February. The program is designed for students in their second-to-last year of study and is an important pathway into Cochlear's graduate program, as students generally need to complete the Summer Student Program before being considered for the graduate pathway.

Applicants must be studying engineering, information technology, science, or a related field, have the right to work, and be available to work full-time for the full program period. Applications open around March and are submitted through the Cochlear careers website.



# ANATOMICS

Bentleigh East, Melbourne



Anatomics is a healthcare company dedicated to providing high-quality surgical products to a broad range of specialist surgeons. The company aims to be recognised as a trusted and innovative partner within the medical field, working closely with healthcare professionals and medical device companies. Through its experienced team and commitment to advancing surgical technologies, Anatomics supports improved surgical outcomes and more effective procedures for both clinicians and patients.

## DISCIPLINES

- Biomedical Engineering
- Mechanical Engineering
- Research
- Business and Operations
- Healthcare and clinical support



# RESMED

Global

ResMed is a global medical technology company focused on sleep technology, respiratory care, and cloud-connected digital health solutions. It develops devices and software for sleep apnea, COPD, and related chronic respiratory conditions. The company combines hardware, cloud platforms, and data-driven care to improve patient outcomes and support clinicians.

## DISCIPLINES

- Engineering
- Product Design
- Manufacturing
- Marketing
- Sales
- Respiratory Care

## PROGRAMS

ResMed offers graduate and internship opportunities through its careers site, with additional graduate program listings available through platforms such as Prosple. These programs provide students and recent graduates with structured entry points into the company across technical, commercial, and business-related areas.

The graduate pathway is typically structured as a rotational program, allowing participants to gain experience across different teams and functions.

Prosple describes ResMed's graduate program as a two-year program with rotations across sales and marketing within Australia and New Zealand revenue functions. ResMed also highlights graduate engineering experiences involving structured rotations through engineering, product, and related teams. The recruitment process may include CV submission, a video interview, an assessment stage, and a final face-to-face or virtual interview before an offer is made. Applications are generally submitted through ResMed's careers site or relevant graduate program listings.

Relevant focus areas may include engineering, product development, manufacturing, marketing, sales, and broader business functions. This makes ResMed's graduate and internship pathways suitable for students interested in medical devices, product development, commercial strategy, and healthcare innovation.

# 4D MEDICAL

Melbourne, VIC



4D Medical is a global medical technology company that specializes in non-invasive respiratory imaging through its proprietary XV Technology. By applying advanced algorithms to standard X-ray and CT scans, the company creates four-dimensional maps of lung function, allowing clinicians to visualize and quantify air flow in motion during a natural breathing cycle. This Software-as-a-Service (SaaS) approach enables earlier and more accurate detection of respiratory conditions, such as COPD and asthma, without the need for invasive procedures or toxic contrast agents.

## DISCIPLINES

- Algorithm & Image Processing Engineering
- Software Engineering
- Biomedical Engineering
- Systems & Hardware Engineering
- Clinical Science & Research
- Data Science
- Regulatory Affairs & Quality Assurance
- Product Management



# IQVIA

Global

## DISCIPLINES

- Clinical Research
- Data Science
- Software Engineering
- Statistics
- Consulting
- Medical Sales

IQVIA is a leading global provider of advanced analytics, technology solutions, and clinical research services to the life sciences industry. IQVIA creates intelligent connections across all aspects of healthcare through its analytics, transformative technology, big data resources and extensive domain expertise. IQVIA Connected Intelligence delivers powerful insights with speed and agility — enabling customers to accelerate the clinical development and commercialization of innovative medical treatments that improve healthcare outcomes for patients.

## PROGRAMS

Multiple internship positions are currently available internationally.

The MCRA, an IQVIA MedTech business, Summer Internship 2026 is an 8-week program requiring a commitment of 25 hours per week. Interns work closely with subject matter experts and mentors to gain practical exposure to the MedTech product lifecycle, from early regulatory and clinical planning through to reimbursement, commercialisation, and market growth. The internship includes several focus areas. Regulatory Affairs involves supporting medical device compliance and approval processes, while Clinical Affairs focuses on clinical studies that assess the safety, effectiveness, and real-world performance of medical technologies. Reimbursement explores coding, coverage, and payment strategies, while MedTech Business Operations supports planning, coordination, and process improvement across the organisation. Business Development and Go-To-Market focuses on market opportunities, partnerships, customer strategy, and commercial growth within the MedTech sector.

This program may be relevant to students from backgrounds such as bioengineering, biomedical sciences, clinical research, public health, business, economics, healthcare, materials science, chemistry, and related disciplines.

# DELOITTE

Melbourne, VIC

Deloitte's purpose is to make an impact that matters. They do this by bringing people, disciplines and solutions together to drive meaningful progress. They help clients navigate a rapidly changing world, combining deep industry knowledge, cutting-edge technology and unique perspectives to solve their most complex challenges. To shape a better future for all. In Australia, they are a team of around 12,000 people who live this purpose every day. Across Asia Pacific, our 68,000 professionals cover 19 geographies. Globally, we're a network of 400,000 individuals united by a shared goal to be the best at all they do.

## PROGRAMS

Deloitte offers a Graduate Program for students who are expected to complete their studies in mid-to-late 2026, or who have completed their degree within the last two years. The program may begin in July 2026, January 2027, or March 2027, depending on the role and intake.

Successful applicants take part in Deloitte's Graduate Learning Academy, which provides structured training to help graduates build professional skills and progress in their careers. Graduates work on meaningful, client-focused projects and gain exposure to industry professionals, peers, leaders, and clients through hands-on project work. The program also includes ongoing feedback and support from a coach, along with opportunities for networking and professional development. Deloitte also encourages community involvement through initiatives such as Deloitte Impact Day and year-round partnerships with local charities and organisations.

Applications usually open between February and April.

# Deloitte.

## DISCIPLINES

- Software & Platform Engineering
- Systems & Architecture Engineering
- Sustainability & Climate Engineering
- Digital Twin & Simulation Engineering
- Reliability & DevOps Engineering



**CHEMTRONICS**  
BIOMEDICAL ENGINEERING

# CHEMTRONICS

Melbourne, VIC

## DISCIPLINES

- Biomedical Engineering
- Equipment Testing and Repair
- Medical Device CyberSecurity Solutions
- Biomedical Consultancy

Chemtronics Biomedical Engineering is a non-profit biomedical service company established in 1978. The company provides biomedical asset life-cycle management, biomedical engineering technical services, medical gas equipment services, and medical equipment cyber security solutions. Chemtronics supports a wide range of healthcare organisations, including hospitals, clinics, medical imaging providers, pathology services, government agencies, equipment suppliers, and education providers.

Chemtronics has an extensive national presence located throughout Australia. Our workshop locations include Melbourne, Sydney, Brisbane, Adelaide, Perth, Canberra, Darwin, Bendigo, Newcastle and Townsville

# ENZIDE TECHNOLOGIES

Melbourne, VIC

Enzide Technologies is an Australian biotech firm that specializes in advanced enzyme-based additives designed to solve the global plastic pollution crisis. Developed through years of research with the CSIRO and based at Monash University, their technology involves bioengineering "super enzymes" that are embedded directly into bioplastics during manufacturing. These enzymes remain dormant while the product is in use but are activated at the end of its life, kickstarting a rapid disintegration process that converts the material into organic elements, water, and CO2.



## DISCIPLINES

- Biotechnology
- Enzymology
- Materials Science
- Genetic Engineering
- Environmental Science
- Chemical Engineering



# CORTICAL LABS

Melbourne, VIC

## DISCIPLINES

- Neuroscience
- Synthetic Biology
- Bioengineering
- Computer Science
- Electrical Engineering
- Cybernetics

Cortical Labs is a Melbourne-based deep-tech startup that is pioneering the field of Biological Computing by integrating living biological neurons with silicon computing hardware. Their core breakthrough, known as the DishBrain system, involves growing human neurons onto high-density multielectrode arrays, effectively creating a "synthetic-biological intelligence." By utilizing a framework called the Free Energy Principle, they "teach" these lab-grown neurons to perform tasks—most famously demonstrated by training the

neurons to play the classic video game Pong. Unlike traditional AI, which relies on static silicon-based neural networks, Cortical Labs' "Organoid Intelligence" (OI) seeks to harness the innate efficiency and adaptability of the human brain, which consumes significantly less power than modern GPUs while possessing superior generalized learning capabilities.

# ENGINEERS AUSTRALIA



Australia (Sydney, Brisbane, Melbourne, Canberra)

Engineers Australia is the national voice and champion for its members: over 130,000 engineering professionals. The organisation provides resources, connections and growth required for engineers to conduct high-value and ethical work in Australia's communities. With its partnerships across business, government and universities, Engineers Australia provides each of these sectors with a network of world-class engineers and enriches the skill sets of engineering professionals at every stage of their career.

## DISCIPLINES

- Engineering: Electrical, Aerospace, Civil, Biomedical, Mechatronics, Chemical, Environmental, Software, Mining, Materials

## STUDENT OPPORTUNITIES

An Engineers Australia membership is free for engineering students, and grants access to a wide variety of benefits, practical training and career resources, including jobs boards, internship hubs and virtual work experience. Students can also get involved as Engineers Australia student ambassadors.



# accenture



# ACCENTURE

Global

## DISCIPLINES

- Engineering: Electrical, Software
- Information Technology
- Science: Data Science, Mathematics
- Business: Commerce, Management

Accenture is a global professional services company with leading capabilities in digital, cloud, and security. Combining unmatched experience and specialized skills across more than 40 industries, Accenture offers strategy, consulting, interactive, technology, and operations services.

## PROGRAMS

### GRADUATE PROGRAM

Accenture's graduate program offers recent graduates the opportunity to work on real projects, receive mentorship, and develop professionally. Final-year students or recent graduates with a relevant degree should monitor Accenture's careers page for application details.

### INTERNSHIP PROGRAM

Accenture's short-term internships expose students to Accenture's work environment and projects. Penultimate-year students in relevant disciplines should monitor the careers page for application details.

# CSIRO

Australia (Hobart, Perth, Melbourne, Geelong, Canberra)

For more than a century, CSIRO have been improving the lives of people everywhere with their science. Since they started life as the Advisory Council of Science and Industry in 1916, they've advanced Australia with a range of inventions and innovations that have had significant positive impact on the lives of people around the world.



## DISCIPLINES

- National science agency
- Engineering & technology
- Health & biomedical research
- AI, robotics & digital systems

## PROGRAMS

### POSTGRADUATE PROGRAM

CSIRO offer postgraduate scholarships for Aboriginal and Torres Strait Islander university students. Their postgraduate scholarships provide additional funding to a research training program (RTP) Scholarship, Centrelink education scheme payment or equivalent scholarship.

### UNDERGRADUATE VACATION STUDENTSHIPS

CSIRO offers vacation studentships over a range of science and related disciplines, providing opportunities to learn about research alongside CSIRO staff in their world leading facility. The program offers a student placement of between 8 to 12 weeks commencing from November.

### UNDERGRADUATE TRAINEESHIPS

CSIRO offers vacation studentships over a range of science and related disciplines, providing opportunities to learn about research alongside CSIRO staff in their world leading facility. The program offers a student placement of between 8 to 12 weeks commencing from November.



Health

# TELSTRA HEALTH

Melbourne, VIC

## DISCIPLINES

- Clinical and Healthcare services
- Health informatics and data science
- Software engineering/product design

Telstra Health is Australia's largest provider of digital solutions and services to healthcare providers and governments across the care continuum from prevention, primary care, hospitals, aged care and social service systems. We're recognised for our ability to efficiently deliver significant, scalable solutions for improving patient and clinician experiences and health outcomes, and maintaining world-class healthcare systems. Telstra Health promotes its 3 Big Habits: Look Beyond, Work as one, Make a difference. Their stated purpose is to improve lives through digitally-enabled care for our community

## PROGRAMS

The Telstra Graduate Program is a 14-month full-time program focused on emerging technologies such as IoT, 5G, cybersecurity, drone technology, and artificial intelligence. Graduates gain hands-on experience through real projects while working in environments that use Agile, DevOps, Human-Centred Design, and Lean practices. Participants are placed into specialised teams to develop skills in their chosen pathway while collaborating with industry professionals. The program also offers flexibility, volunteer opportunities, and accessibility support throughout the recruitment process. It is open to students who completed an undergraduate degree at an Australian university between 2024 and 2026, with international students eligible for technical pathways if they have unrestricted Australian work rights.

# FYP OPPORTUNITIES

The Final Year Project (FYP) is a major project completed in the final year of an Engineering degree. Monash offers several different FYP pathways depending on whether students want a research-based project, an industry-based project, or a project connected to professional practice.

These options differ in terms of project location, payment, supervision, application process, and how closely the project is connected to an external industry partner.

Students are able to complete a Final Year Project (FYP) with Monash Young MedTech Innovators (MYMI). This pathway is suited to students who are interested in MedTech innovation, clinical translation, healthcare technology, and understanding how medical ideas can be developed for real-world use.



To express interest, students can either apply through the FYP portal or contact Dr Andrew Rodda to discuss potential project topics. Topics are usually shaped around the student's individual goals, the needs of MYMI, and the availability of suitable supervision.

Students interested in this pathway should either already be a member of MYMI or be willing to join the team. They should also be based at the Clayton campus.

FYPs may be linked to pre-existing MYMI projects, allowing students to contribute to ongoing MedTech initiatives within the team. In exceptional circumstances, students may also propose their own separate project idea, provided it is suitable and can be approved.

Once a topic is agreed on, a pre-arranged project is created between the student and a supervisor. This supervisor is usually Dr Andrew Rodda, although this may change depending on the project area and supervision availability.



MYMI-related FYPs can cover a diverse range of MedTech topics. However, these projects generally focus less on inventing completely new technology and more on the development, evaluation, and translation of technology into clinical practice. This may include exploring how a healthcare technology could be implemented, improved, validated, or adapted to better meet clinical needs.

Overall, completing an FYP with MYMI is a strong option for students who want their final-year work to connect with healthcare innovation and practical MedTech translation. It also gives students the opportunity to contribute to MYMI's broader mission while developing a project that aligns with their own technical and professional interests.



# PHD AND MASTERS

## Master's Programs

A master's degree can help students build specialised knowledge in a chosen area and may lead to broader career opportunities, more advanced roles, or further study. In the medical technology field, a relevant master's program can support pathways into roles such as research scientist, consultant, regulatory affairs officer, clinical researcher, clinical trial researcher, product specialist, or other health technology-related positions.

Master's degrees can usually be completed through coursework, research, or a combination of both, depending on the university and program structure. Coursework programs tend to focus on advanced taught units and professional skills, while research programs involve a larger independent research component. For students interested in academia or high-level research, a master's degree can also act as a pathway into a Doctor of Philosophy (PhD).

## Doctor of Philosophy Programs

A Doctor of Philosophy (PhD) is a research degree focused on developing deep expertise in a specific topic. When considering a PhD, students should look for a research area, laboratory, and supervisor that align with their interests, values, and long-term career goals.

A good starting point is to speak with potential supervisors about their available projects, expectations, research environment, and supervision style. It can also be helpful to talk to current PhD students in the lab to better understand the day-to-day experience.

PhD applications usually require a curriculum vitae (CV), academic transcripts, evidence of previous research experience or research outputs, and a proposed project outline. This project outline is often developed together with the prospective supervisor. However, application requirements and processes can vary between universities, so students should always check the specific instructions for each institution.

One of the most important factors in a PhD is the supervisor. A supportive supervisor can help shape the project, provide guidance, build research skills, and support the student through challenges across the PhD journey.

# LAB SPOTLIGHTS

## Biomedical Imaging Analytics Lab (Linked FIT-MBI Lab)

Lab Lead: Associate Professor Zhaolin Chen

The Biomedical Imaging Analytics Lab is a linked research lab between the Department of Data Science and Artificial Intelligence in the Faculty of Information Technology and Monash Biomedical Imaging. The lab focuses on making biomedical imaging more efficient, accessible, and quantitative through advanced computational methods.

Its research combines artificial intelligence, machine learning, deep learning, medical imaging, and image analysis to improve how biomedical images are captured, reconstructed, interpreted, and applied in clinical or research settings.

The lab's work broadly includes:

- machine learning and deep learning approaches for biomedical and medical imaging, including generative artificial intelligence models
- methods for improving data acquisition and image reconstruction in imaging techniques such as Magnetic Resonance Imaging, Positron Emission Tomography, and other medical imaging modalities
- image analysis and signal modelling for applications in neuroscience, cardiology, and broader biomedical research

This lab may be especially relevant to students interested in the intersection of biomedical engineering, artificial intelligence, medical imaging, data science, neuroscience, and cardiac imaging.

## Augmented Intelligence and Multimodal Analytics for Health Lab

The Augmented Intelligence and Multimodal Analytics for Health Lab, also known as the AIM for Health Lab, uses artificial intelligence to address healthcare and medical research challenges. The lab combines expertise from different disciplines and works with healthcare providers and industry partners to support the translation of artificial intelligence into clinical practice.

The lab's work focuses on areas such as image analysis, multimodal data analysis, edge artificial intelligence, trustworthy artificial intelligence, digital twins, federated learning, privacy-preserving artificial intelligence, and health artificial intelligence translation.

Its research is applied across a range of medical fields, including ophthalmology, neurology, dermatology, cardiology, and cancer care. In these areas, artificial intelligence may be used to support diagnosis, identify abnormalities in medical data, predict disease progression, assist with treatment planning, monitor patient outcomes, and improve the efficiency of clinical workflows.

Examples of the lab's health applications include using artificial intelligence to help detect eye diseases such as diabetic retinopathy and glaucoma, analyse neurological and cardiac data, improve skin disease detection, and support earlier cancer identification. This makes the lab relevant to students interested in health artificial intelligence, medical imaging, biomedical data analysis, digital health, clinical translation, and personalised medicine.

# MYMI OPPORTUNITIES

In this section, you can find out about the myriad of opportunities and events run by MYMI, including how you can get involved.



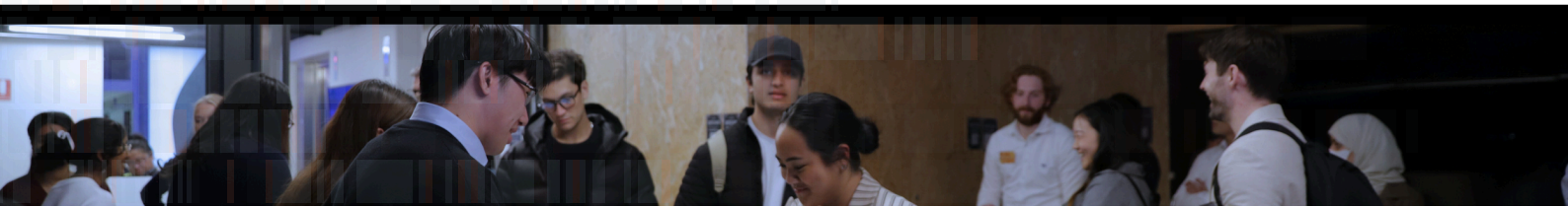
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# MEDHACK

48-hour Medtech and AI Hackathon

MedHack is MYMI's flagship event and Melbourne's premier student-led healthcare hackathon that brings together interdisciplinary teams of students, clinicians, and engineers to solve real-world medical challenges. Over an intensive 48-hour sprint, participants use human-centered design and rapid prototyping to address specific themes—such as the recent 2026 "Frontiers" theme focusing on AI and workforce strain—while working directly with "co-designers" who have lived experience of the health conditions being tackled. The event serves as a critical bridge between academic theory and practical medtech entrepreneurship, often acting as a launchpad for startups like Raksha, which continued developing its dementia-support app long after the competition ended.



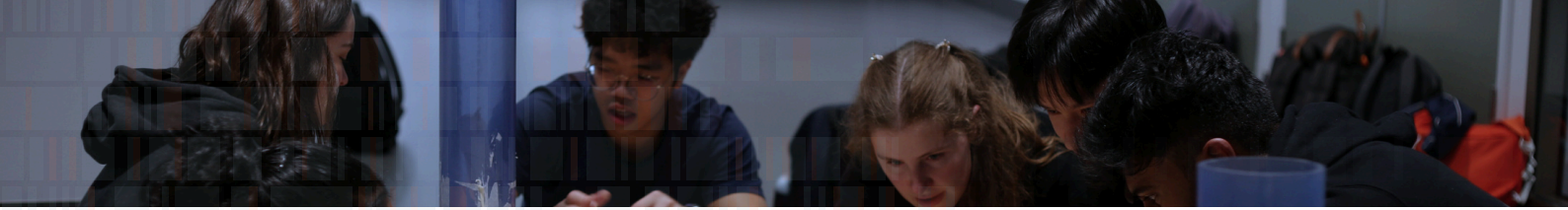
# MEDTECH MIXER

Premier MedTech Networking

The MYMI MedTech Mixer is designed to bridge the gap between academia and the biomedical industry. Hosted by Monash Young MedTech Innovators and the Monash Biomedical Engineering Student Society the event gathers a diverse cohort of students, researchers, clinicians, and high-level industry professionals—ranging from fresh graduates to CEOs. Through keynote addresses, industry panels, and structured networking sessions, the Mixer provides a vibrant platform for aspiring innovators to explore diverse career pathways, pitch ideas, and forge the professional connections necessary to navigate the complex Australian medtech ecosystem.



MONASH  
YOUNG  
MEDTECH  
INNOVATORS



# MONASH HEARTHACK

Monash HeartHack is an elite, multi-disciplinary student competition focused on the engineering and design of total artificial hearts and ventricular assist devices. As part of a global initiative, Monash students compete to develop cutting-edge rotary blood pump technology, tackling complex challenges in fluid dynamics, biocompatibility, and physiological control systems. The program serves as a high-stakes training ground for the next generation of cardiovascular innovators, pushing the boundaries of mechanical circulatory support through rigorous testing and collaboration with leading cardiothoracic surgeons and industry experts.



# NEPHROS

Nephros focuses on the critical field of renal health, specifically targeting the design and development of innovative dialysis solutions. The team works on engineering portable or more efficient filtration systems to improve the quality of life for patients suffering from chronic kidney disease. By integrating biotechnology with mechanical engineering, Nephros aims to reduce the physical and financial burden of traditional renal replacement therapies through patient-centric design.



# AESOP

Aesop is a pioneering medtech team dedicated to transforming pediatric healthcare through a mobile application that uses visual storytelling and interactive narratives to guide children through medical procedures. By merging creative technology with psychological insights, the platform deconstructs the "medical unknown" to proactively mitigate hospital-related anxiety and minimize maladaptive behaviors. Ultimately, Aesop empowers young patients with agency and understanding, replacing clinical fear with an engaging, supportive journey that improves long-term healthcare outcomes.



# DREAM POD

Project DreamPod is a mission-driven initiative developing a specialized sleeping bassinet designed to combat Sudden Unexpected Death in Infancy (SUDI) and address the situational inequalities affecting vulnerable newborns. The team operates through three collaborative pillars—Validation, Compliance, and Business—ensuring the device is scientifically rigorous, safety-certified, and commercially viable. By prioritizing culturally appropriate design and high usability, DreamPod aims to deliver a life-saving intervention that provides every infant, regardless of their socioeconomic background, a safe and equitable start to life.



# MYNEURON

myNeuron is a pioneering project focused on enhancing clinical equity through the development of a machine learning model designed to identify and mitigate unintentional bias in medical triage. By analyzing demographic data and patient outcomes, the team builds predictive systems capable of detecting risks of over-triage or under-triage for specific individuals. This data-driven approach aims to provide clinicians with a "fairness check," ensuring that a patient's background—such as ethnicity, gender, or socioeconomic status—does not negatively influence the urgency or quality of care they receive, ultimately fostering a more objective and equitable healthcare system.

# COMMITTEE

MYMI's committee underpins and supports the various teams, events, and initiatives within Monash's MedTech space. Student-led and driven, the various different areas of the committee - from Partnerships to Promotions to Operations - work in sync across a myriad of disciplines, such as design outreach and social media, to foster and encourage a growth atmosphere and environment for MYMI. Apply to join the next time applications open!





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# MYMI x MBESS

# INDUSTRY GUIDE

# 2026

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