



RESEARCH
AT VU

VICTORIA UNIVERSITY

KEY FACTS

- Public Comprehensive University dated back to 1916
- 47,178 students
- More than 100,000 alumni worldwide
- Top 400 and top 2% of the world's universities – THE Ranking, 2016
- Top 600 and top 4% of the world's universities – QS Ranking, 2015
- 2014 Good Universities Guide – awarded 5 stars for:
 - Socioeconomic equity/student mix
 - Positive graduate outcomes
 - Cultural diversity



OUR VALUES

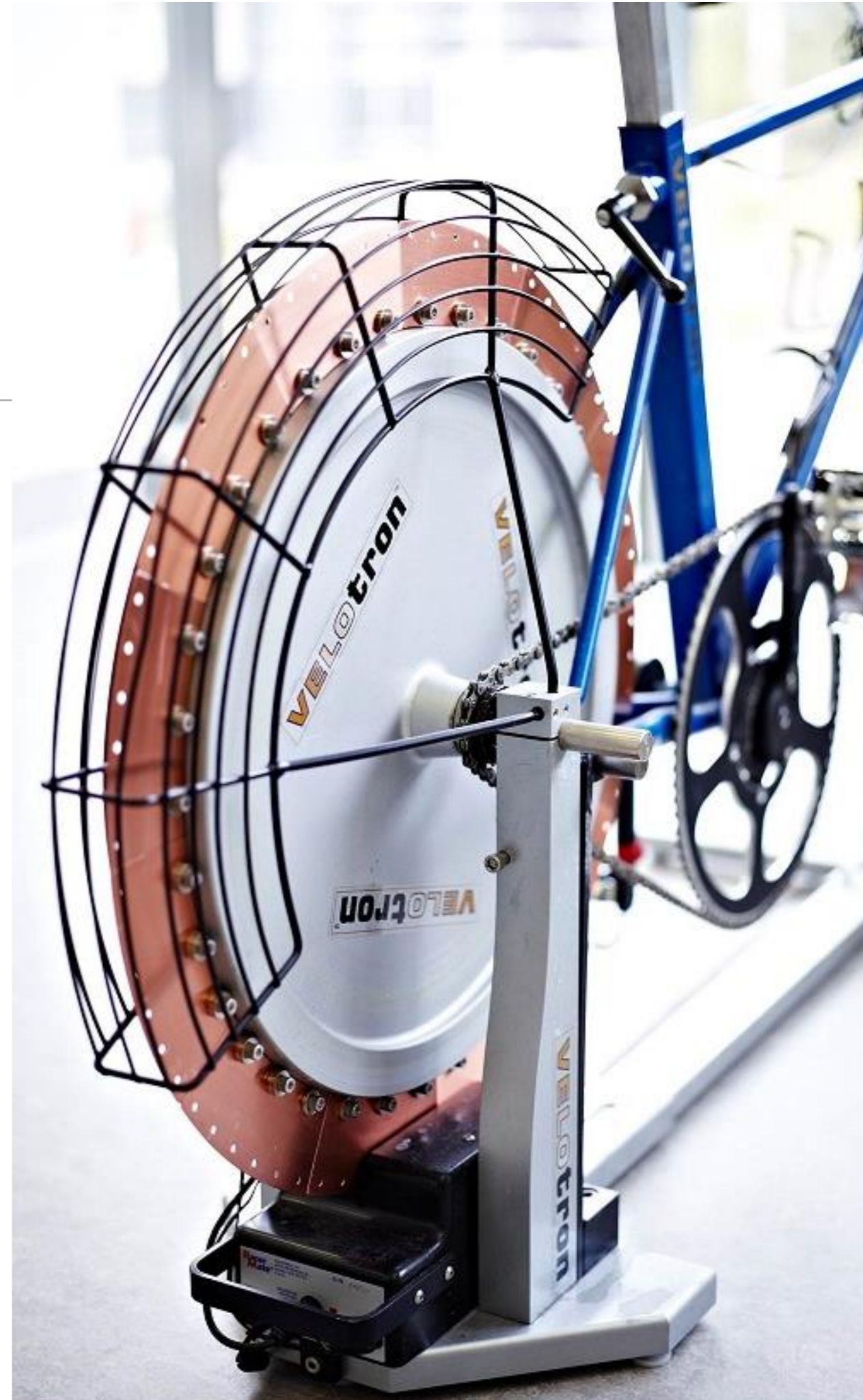
- Rigour and excellence in critical inquiry
- Innovation, relevance and impact
- Integrity and ethics in research conduct
- Partnerships and collaboration
- Intellectual fulfilment



APPLIED & TRANSLATIONAL RESEARCH

We aim to be recognised for our **impact** on industry and community across three **interdisciplinary** themes:

- Sport, health & active living
- Education, lifelong learning & workforce development
- Sustainable industries & liveable cities



RESEARCH FOCUS AREAS

1. Sport, exercise science & active living
2. Supply chain & logistics
3. Food science & nutrition
4. Sustainability & innovation
5. Applied informatics
6. Strategic economics & finance
7. Health and biomedicine
8. Education & lifelong learning
9. Creative arts & writing
10. Diversity, communities & wellbeing



RESEARCH PERFORMANCE

“Well above world standard”

- **Human movement & sports science**
- **Electrical & electronic engineering**
 - **Nursing**

“Above world standard”

- **Mathematical Sciences**
- **Applied Mathematics**
 - **Engineering**
- **Mechanical Engineering**

“World standard”

- in 8 other areas -



INSTITUTES & CENTRES

University Institutes:

- Institute of Sport, Exercise & Active Living
- Institute for Supply Chain & Logistics
- Institute for Sustainability & Innovation
- Victoria Business Confucius Institute
- Victoria Institute for Education, Diversity and Lifelong Learning
- Victoria Institute of Strategic Economic Studies
- Mitchell Institute for Education and Health Policy

Research Centres:

- Centre for Applied Informatics
- Centre for Chronic Disease Prevention & Management
- Centre for Cultural Diversity & Wellbeing
- Centre for Environmental Safety & Risk Engineering
- Centre for International Research on Education Systems



GLOBAL MOVEMENT OF RESEARCHERS, STUDENTS & IDEAS

- **Build** national and international relationships / partnerships
- **Share** our research strength and expertise through national and international collaborations and joint projects



GLOBAL MOVEMENT OF RESEARCHERS, STUDENTS & IDEAS

- **Promote** national and international participation in VU research project and degrees
- **Strengthen** research and research training through international exchange and joint programs



TRAINING THE NEXT GENERATION

- 800+ research students
- 300+ research supervisors / mentors
- Coursework units to support professional development
- Communities of practice
- Peer support
- Research Ambassadors

100+ thesis completions a year



TRAINING THE NEXT GENERATION

PhD (Integrated)

- A new doctoral research program for Victoria University in 2016
- Designed for students who have not had previous research training and/or experience
- Year 1: Coursework units and a minor thesis to make candidates “ready” for the PhD thesis
- Year 2-4: Developing and completing the full PhD thesis
- Provides a new or alternative pathway to a PhD



TRAINING THE NEXT GENERATION

Student survey:

- **85%** reported a “positive experience” of supervision
- **92%** satisfied with skill development
- **91%** said their goals and expectations were met
- Based on 2015 Current Research Experience Questionnaire



INTERNATIONAL COLLABORATION

International Universities we are currently working with:



Chinese Academy of Science

Joint research lab in applied informatics and e-health



Central University of Finance and Economics, China

Collaborative research partnership in all aspects of business and economics



Ningbo Institute of Technology – Zhejiang University, China

Joint research centre for social computing and data management



University of Texas at El Paso

Sharing of research knowledge and expertise in biomedical science



Brazil Sports Science Consortium (Brazil Olympic Committee, University of Sao Paulo)

Academic exchange, HDR exchange, collaborative projects



INTERNATIONAL COLLABORATION

International Universities we are currently working with:



Fudan University, China

Collaborative research, mainly academic exchange – membrane technology



Kobe University, Japan

Emerging collaborative research partnership in membrane technology



Sunchon University, Korea

Collaborative research, mainly academic exchange – membrane technology



University of Malaya, Malaysia

Collaborative research partnership in sports science and biomedical science



University of La Sabana, Colombia

Collaborative research partnership in logistics and supply chain management, and biomedical science



**VICTORIA
UNIVERSITY**
MELBOURNE AUSTRALIA

www.vu.edu.au/international

