



THE UNIVERSITY OF
MELBOURNE

Melbourne School
of Engineering



2019
MSE FOUNDATION
ANNUAL REPORT

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A BRIEF HISTORY

From 1980, there was a growing awareness with the Faculty of Engineering that 1982 would be the centenary of William Kernot's appointment as Professor of Engineering and that 1983 would be the centenary of the award of the first Engineering degree.

At the meeting held in 1981, the Dean reported to the then Faculty on discussions with the Vice Chancellor about celebrating the centenary of the award of the first Engineering Degree in 1883.

At the first formal Centenary Planning Meeting a decision was made to hold an appeal for \$2.5m over a period of 5 years. The proposal submitted to Council for the appeal included the establishment of an Engineering Foundation, under the control of a Board of Management, which would be drawn from alumni.

On the 4th October, 1981, Council approval was given to the proposal and an Interim Board of Management, under the Chairmanship of Sir Ian McLennan was established. The Board met early in 1982 and the appropriate legislation was prepared. Soon afterwards the Council gave its approval.

The official launch of the Melbourne University Engineering Foundation (MUEF), previously known as Melbourne University Engineering School Centenary Foundation Appeal was held at Wilson Hall on Tuesday 26th April 1983. The launch was conducted under an academic procession. Premier John Cain MP officially launched the appeal. The Chancellor, Professor Emeritus Sir Roy Douglas Wright, Dean of Engineering, Sir Ian McLennan and Sir John Holland all spoke at this momentous ceremony.

Subsequently, the Foundation has taken a number of initiatives to support the work and development of Melbourne School of Engineering, its staff and its students. This includes a series of highly successful Ian McLennan Orations, the establishment of the John Holland Engineering Management Fund, support for the writing of a History of the School of Engineering, the establishment of an Engineering bequest society and scholarships, prizes and funding for a wide range of student focused activities.

2019 BOARD OF MANAGEMENT

CHAIR:

Mr John North

BE (Monash), MEngSc (Melb), MBA (MBS)

MEMBERS:

Mr Nick Callinan AO

BE (Civil) (Melb), MBA (MBS)

Professor Mark Cassidy

PhD (Oxford), BEng (Queensland)

Professor Jamie Evans

BSc (Newc), BE (Newc), MEngSc (Melb), PhD (Melb)

Professor Ivan Marusic

BE(Hons)Mech (Melb) PhD (Melb) FAA FAPS FAFMS

Mr David Akers

BA (Hons)(UQ), MA (QUni) and LLB (ANU)

Professor Doreen Thomas

BSc (Hons)(Wits), MSc (Oxon), PhD (Oxon), FTSE, FIEAust

Mrs Christine Tursky Gordon

BE(Hons)(Melb), BA (Melb), MMktg(MBS), MBA (Chifley)

Dr Jack Wynhoven AM

Dip CE (Gordon), BE (Melb), MEngSc (Alberta), PhD (Alberta)

CHAIR'S REPORT



On behalf of the Melbourne School of Engineering Foundation Board, I would like to thank all donors to the Foundation throughout 2019. Whether an alumnus, staff, a friend of the School or someone who wishes to assist engineering education, the generous and in many cases ongoing support, has been greatly appreciated.

Over the course of 2019, the Foundation received donations, bequests and gifts of over \$40,000 taking total funds in the Foundation to over \$14,000,000. The annual income generated from the Foundation funds permitted the award of 34 scholarships to Master of Engineering students. This allows some of the brightest and best students, Australian and international, to undertake studies and research in engineering that may not otherwise have been possible. In addition, a relatively small proportion of the Foundation's yearly income is allocated to maintaining and improving some of the engineering teaching and research infrastructure.

Professor Mark Cassidy completed his first full calendar year as Dean, during a time a significant expansion of the School. Broadly this includes an upgrade to the existing engineering teaching and research facilities on the Parkville campus fronting Grattan Street, a major new high rise building on the north east corner of Swanston and Grattan Streets and the beginning of development of new facilities at Fishermans Bend. The objectives of the School remain to improve its already high international ranking by continuing to attract first class teaching staff, researchers and top students as well as engaging more deeply with industry and government. Professor Cassidy continues to lead this programme with energy and vision.

The Engineering Foundation was established in the early 1980's resulting from conversations between the then Dean and a group of senior alumni, with the aim of supporting the Dean and (as it was) the Faculty of Engineering. The focus was to assist the Dean and Faculty with raising awareness of the importance of engineering education, re-connecting alumni, raising money, providing advice and assisting the Faculty to connect in a more meaningful and long term way with industry and government. At the time, this was one of the first attempts, anywhere in the University, to seek a broader and permanent connection with the wider community.

Since those early days, many fine people, both staff and from outside the University, have given freely of their time to the Foundation's activities. They have shown strong commitment and energy, providing insights and advice to the Deans and others and helped to improve engineering education and research at the University of Melbourne. But times change and the University has grown much larger and more complex over the past 40 years. "The Believe Campaign" over the past decade has been hugely successful against an ambitious goal of \$1 billion.

During 2018 and 2019 the Dean undertook a detailed assessment of the need for and the functions of the Melbourne School of Engineering Foundation as it currently operated. The outcome has been for the Dean to propose a complete restructure of the Foundation Board and its primary functions. The Board has accepted the Dean's recommendations. The Foundation structure and purpose was formally altered at a meeting held on Tuesday, 3rd December, 2019. A new, much smaller Board will in future oversee the Foundations activities and the Dean will create other entities to assist him and the School, in ways that was in part carried out by the Foundation in its previous format.

As this will be my last report as Chair of the Foundation, I would like to acknowledge the support I have received from the Dean, Engineering School staff, and to all Board colleagues, especially those who are external to the University and have provided wise and consistent advice, together with encouragement during my time as Chair. It has been an honour for us all to be members of the Foundation Board and assist with the development of Melbourne School of Engineering.

Mr John North

Chair, (until Tuesday 3rd December, 2019), Melbourne School of Engineering Foundation



ALUMNI RELATIONS

In 2019, the Melbourne School of Engineering (MSE) Alumni Relations program continued to develop, in a more innovative and collaborative manner, with additional events and communications taking place – the result being an increase in participation of our alum and a greater appeal to a broader but like-minded audience.

The STEM Industry Mentoring program was run, once again, in partnership with the Faculty of Science, attracting almost 500 students. Feedback from students was highly supportive. The positive impact was also felt by mentors, who reported developing numerous skills, with learning often a two-way exchange.

In collaboration with MSE Marketing and Communications, two new large-scale events were run, themed around the MSE2025 strategic goals: Water Security Series-Murray-Darling Truths and Cybersecurity Challenges. A sold-out event, to educate and inform alum and partners around the upcoming Melbourne Connect built was held, entitled: Connecting people, place & possibilities for real-world innovation.

Two Career Roundtable events were hosted for students and young alum, providing an opportunity for senior alumni and staff to engage with current students and recent graduates.

A number of international events were run or supported by MSE Alumni Relations. Once again, the Deputy Dean, Professor Jamie Evans, hosted multiple events in China, which were open to alumni across multiple faculties, greatly increasing the attendance and building on previous engagement.

The milestone reunion program continued in 2019, with well attended events for the 30, 40 and 50 year cohorts. A highly engaged group of alum was involved with the 50 Year's and Over Reunion, leading to tremendous attendance at the event, and the unveiling of the Len Stevens memorial plaque later in the year.

The final event of the year was the inaugural New and Recent Graduates event, which attracted over 160 alum to the Prince Alfred Rooftop & Bar on Grattan Street. Professor Mark Cassidy, Dean of the School, and several senior leaders were able to engage with graduates from the last three years in a casual networking environment.

THE IMPACT OF GIVING

Melbourne School of Engineering Advancement plays an increasingly important role in facilitating community support for the School's teaching and research priorities.

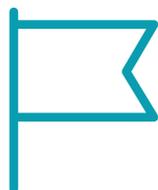
The support we provide is wide-ranging. We are leveraging our alumni networks to link students to alumni mentors, supporting the School's recruitment objectives, helping fund implementation of emerging School research, and creating early career positions. We work collaboratively and in partnership with our academics and professional staff, aiming to proactively engage support from alumni, donors and prospective supporters in community, industry and professions.

Philanthropy and private investment play an increasingly important role at the University of Melbourne. In the Melbourne School of Engineering, donations from individuals, Trusts and Foundations, businesses and gifts in Wills allow researchers to explore bold and ambitious ideas that change the world. Gifts and grants enable students to fully experience the opportunity of a Melbourne education. Donations and impact investing enable us to undertake landmark initiatives, and to provide the equipment and facilities our students and researchers need to excel.

2019: SUCCESS AT A GLANCE

\$7.79M

RAISED IN 2019



\$23.83M

TOTAL RAISED SINCE 2008



GIFTS AND DONORS



\$5M

LARGEST GIFT IN 2019



88

NUMBER OF DONORS IN 2019

FOUNDATION SCHOLARSHIPS AND AWARDS



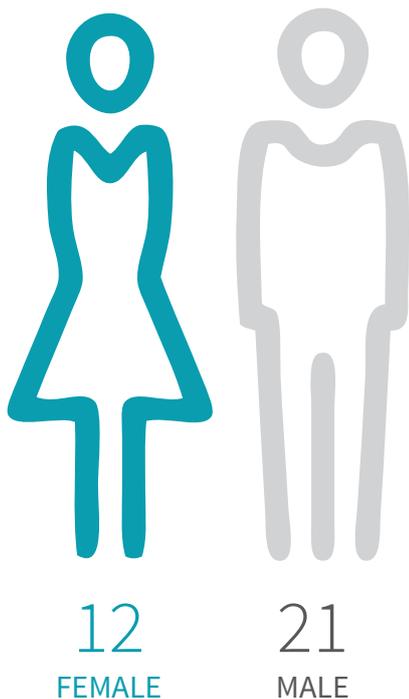
The MSE Foundation has offered scholarship support to students entering the professional Master of Engineering and IT degrees for close to ten years. The Scholarships are available to local and international students and are awarded on the basis of academic merit or to support students who have experienced disadvantage.

The funds are made available due to the generosity of the School's community in establishing and contributing to the MSE Foundation.

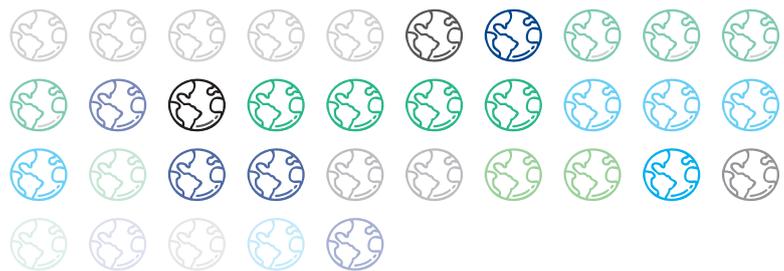
Out of the total philanthropic income of the University of Melbourne, the Melbourne School of Engineering Foundation received five gifts in 2019, amounting to \$40,290.00. The most significant gift of the year came from the estate of Eric Stokes (Civil Engineering, 1952). The gifts to the Foundation will continue to bolster the overall capital of the fund and enable more transformational scholarships to be awarded to commencing Engineering and IT students.

A total of 34 Foundation scholarships were awarded in 2019, which brings the total number of scholarships awarded through the program to 320.

Female vs. Male recipients



Country of Citizenship



- | | | |
|------------------------------------|------------------------------|---------------|
| ■ AUSTRALIA | ■ HAITI | ■ MEXICO |
| ■ BANGLADESH | ■ INDIA | ■ NEPAL |
| ■ CAMBODIA | ■ INDONESIA | ■ NEW ZEALAND |
| ■ CHINA (EXCLUDES SANS AND TAIWAN) | ■ IRAN | ■ SRI LANKA |
| ■ EGYPT | ■ KAZAKHSTAN | ■ THAILAND |
| | ■ KOREA, REPUBLIC OF (SOUTH) | ■ TAIWAN |
| | | ■ VIETNAM |
| | | ■ YEMEN |

SCHOLARSHIP IMPACT

2019 scholarship recipients highlight the impact of receiving the MSE Foundation Scholarship below:

Jacqueline Brotchie

Master of Engineering (Civil Engineering)

“I would like to express my gratitude to the Melbourne School of Engineering Foundation for providing this scholarship. It has allowed me to dedicate more time to my studies and to further explore potential pathways for my future. I am currently studying my Master of Engineering, majoring in Civil engineering, and look forward to continuing in this field. Thank you again for your generosity – it is great to see continued support for women in STEM.”

Pichsinee Sangkarat

Master of Engineering (Materials)

“I have studied a Master of Engineering (Materials) for two years and I have got the Melbourne School of Engineering Foundation Scholarship since then. Receiving the MSEF Scholarship means a lot to me. It helps me focus more on the study because I do not need to concern a lot about my tuition fee. Also, it can reduce my parent’s expenses, that’s very satisfying. Thank you very much for this opportunity.”

AUDITED MSE FOUNDATION FINANCIAL STATEMENT



MELBOURNE SCHOOL OF ENGINEERING FOUNDATION

Audit Opinion

According to the information at my disposal, the accompanying Financial Statement has been properly drawn up so as to present fairly the financial position of the Foundation for the year ended December 2019.

Karan Gill Digitally signed
by Karan Gill
Date: 2020.06.05
12:06:49 +10'00'

Karan Gill CPA CIA CRMA
Audit Assurance
Legal and Risk
COO Portfolio

Date: 05 / 06 / 2020

Statement of the Board of Management

In the Opinion of the Board of Management

a) The accounts of the Foundation set out in the attached Financial Statement are drawn up so as to give a true and fair view of the state of affairs as at 31 December 2019 and the result for the year ended on that date; and

b) there are reasonable grounds to believe that Foundation will be able to meet its debts as and when they fall due.

Signed at Melbourne on the day of 19 June 2020
In accordance with a resolution of the Board of management.


Chair
Mark Cassidy


Member of the Board
Claire Hooper

AUDITED MSE FOUNDATION FINANCIAL STATEMENT

The University of Melbourne

Title: Melbourne School of Engineering Foundation

Project no.: 049060

Regulation: UTR7.128

Reporting Date: 31 December 2019

Financial Statement for the period ended 31 December 2019

AUD (\$) 2018		AUD (\$) 2019
1,434,421.99	Carry-forward Cash Balance	1,006,804.94
<u>(584,574.00)</u>	Transfer to Capital	-
<u>869,847.99</u>	Cash Balance after Capital Transfer	<u>1,006,804.94</u>
Operating Income:		
	External Income from Trustees	
27,956.91	<i>Margot Sophie Cassidy Estate Income transfer</i>	28,813.84
69,836.23	<i>Walter Harold Taylor & Esma Jean Taylor Memorial Fund Income transfer</i>	35,540.38
	<i>Angus J. Fletcher and Holly S Fletcher Transfer</i>	(3,508.19)
18,564.80	Interest Distribution	10,796.13
532,849.28	Unitised Pool Distribution	587,628.80
<u>(13,785.34)</u>	Investments Administrative Fee	
635,421.88	Net Annual Income	<u>(14,960.65)</u>
		644,310.51
Non-Operating Income:		
225,301.83	Donations	40,290.00
<u>225,301.83</u>	Non-Operating Income	<u>40,290.00</u>
860,723.71	Total Income	<u>684,600.51</u>
Expenditure:		
146,155.44	Women in Engineering - female research fellowship	-
408,045.46	MSEF Postgraduate Scholarship	607,816.67
43,000.00	Women in Engineering Scholarship	40,000.00
26,772.72	Endeavour award	1,174.24
97,793.14	Internal - Support for South Wing Refurb	-
<u>723,766.76</u>	Total Expenditure	<u>648,990.91</u>
136,956.95	Income less Expenditure	35,609.60
<u>1,006,804.94</u>	Accumulated Cash Balance	<u>1,042,414.54</u>
Statement of Capital		
Capital:		
4,660,602.98	Pool Unit Revaluation	5,867,514.64
8,547,247.40	Restricted Capital	8,547,247.40
<u>13,207,850.38</u>	Total Capital	<u>14,414,762.04</u>
Represented by Statement of Assets at Book Value		
8,116,420.07	Trust Investment Pool Holding (Stat)-(No of Units)	8,116,420.07
13,207,850.38	Trust Investment Pool Holding	14,414,762.04
1.63	Current \$ Value per unit held	1.78
Total Assets		
1,006,804.94	Accumulated Cash Balance	1,018,090.74
13,207,850.38	Capital	14,414,762.04



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