



THE UNIVERSITY OF
MELBOURNE

Melbourne School
of Engineering



2017 MSE FOUNDATION ANNUAL REPORT

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eng.unimelb.edu.au

MSE Foundation Contact Details

Wendy Wen Wen Zhao
MSE Foundation Secretariat

Melbourne School of Engineering

The University of Melbourne Victoria 3010
T: +61 3 8344 0231
E: eng-advancement@unimelb.edu.au

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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, held on 14th 1981, 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.

2017 BOARD OF MANAGEMENT

Chair:

Mr John North

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

Members:

Mr Nick Callinan AO

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

Ms Liza Maimone

BE (ChemEng) (Hons) (Melb) GDip Energy & Res Law (Melb)

Professor Iven Mareels

ir (Gent), PhD (ANU), FIEAust, FIEEE, FTSE, CPEng

Professor Peter Scales

PhD (Melb), BSc (Hons) (Melb) FICHEM, FIEAust

Professor Geoff Stevens

BE (Chem) (RMIT), PhD (Melb), FTSE, FICHEM, FAusIMM

Ms Leanne Taylor

BSc (Deakin) PostGrad Dip Dietetics (Deakin) BHA (UNSW) MHLthSc (LaTrobe)

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

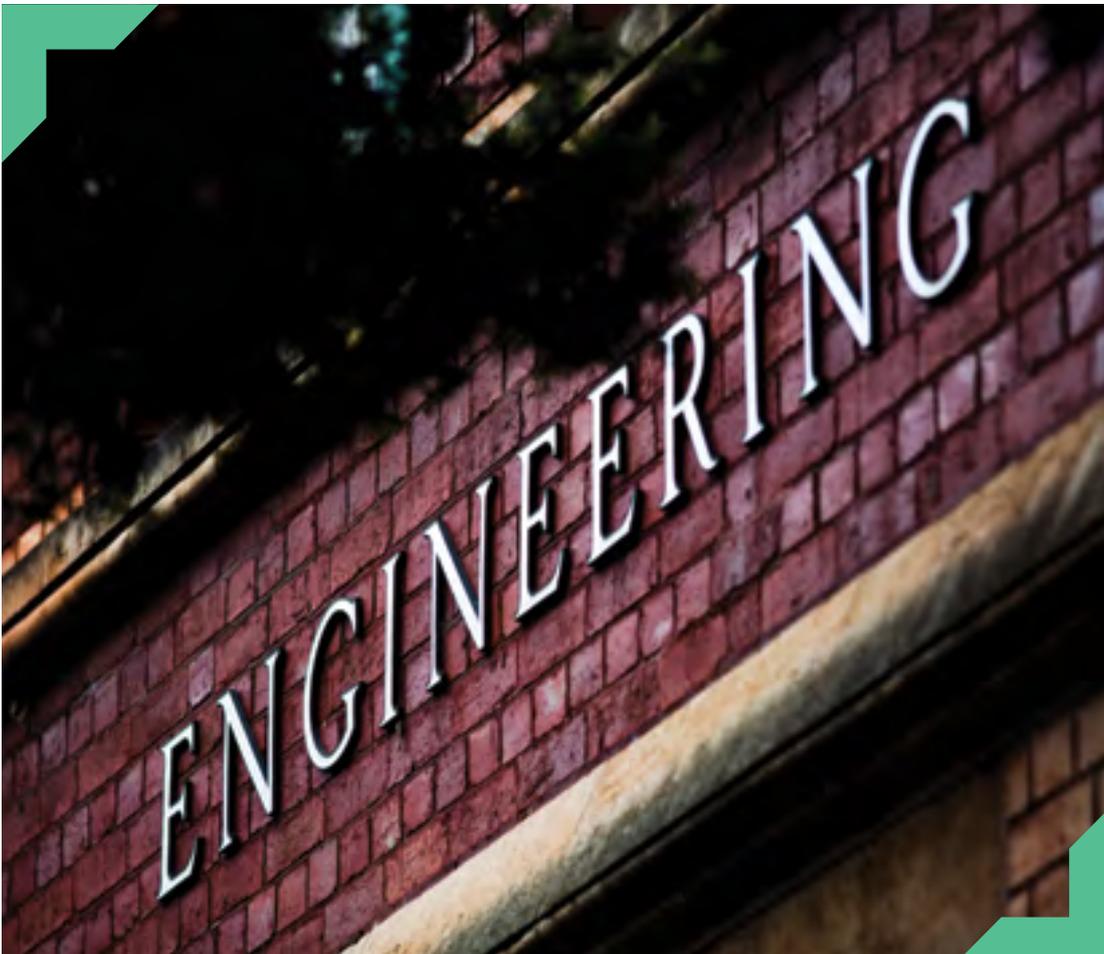
Dip CE (Gordon), BE (Melb), MEngSc (Alberta), PhD (Alberta)

FACULTY REPORT

2017 continued to be a year of change and growth for the Melbourne School of Engineering (MSE). The impact of the metro-train station, the public announcement about the “Carlton Connect” precinct at the site of the old women’s hospital and the year-end announcement of the new campus at Fishermans Bend in support of the Faculty’s vision to pursue “Big Engineering”, brought both challenge and a sense of regeneration.

With new leadership at the helm in Melbourne School of Engineering in 2018, the time is now to set the philanthropic vision and course. This will drive more meaningful and purposeful engagement with MSEF Board members, alumni, friends, donors and industry partners around the vision and impact for MSE2025. In shaping this vision, we will consider the impact of the redevelopment of the Parkville and Carlton campuses, the development of a brand new campus at Fishermans Bend, and the substantive investment in people and programs that will ensue.

It is appropriate to acknowledge the significant contributions and leadership of Professor Iven Mareels during his term as Dean of the Melbourne School of Engineering. In February 2018 Professor Mareels will step down from the role of Dean of the School to take up the position of Lab Director of IBM Research-Australia. Professor Mark Cassidy currently the Director of the Centre for Offshore Foundation Systems at the University of Western Australia will take up the mantle of Dean midway through 2018. During the interceding period Professor Graham Schaffer will lead the School as Dean.





ALUMNI RELATIONS

In 2017, efforts were made to extend the reach of the MSE alumni relations program beyond the Melbourne metropolitan area. The Engineering School & Science Faculty collaborated with an alumna in Perth to host an informal networking event targeting STEM graduates. The feedback was positive, with the limited scope of guests resulting in a greater likelihood that guests would meet alumni from their discipline or at least someone from a similar industry, and was an opportunity to build on recent engagement by MSE. Events were also held in Shanghai & Beijing, hosted by Professor Jamie Evans in collaboration with the MSE's Future Students staff. This was the first School based alumni event for 5 years, and followed feedback from alumni that they too preferred School based alumni events where they were more likely to connect with MSE alumni.

Reunions were held for the 30, 40 & 50 Year Reunion cohorts as well as the 50 Years & Over Luncheon. Issues with the venue for the 50 Years & Over Event will see the event moved in 2018. Smaller, alumni driven events were also supported by alumni relations staff, as were memorial services for Professor Bill Charters, former Dean of the Faculty of Engineering, & Professor Peter Poole, former Head of the Department of Computer Science.

SETTING THE COURSE FOR 2018

In 2018 our focus is to squarely position the Melbourne School of Engineering for future and sustainable success. A comprehensive campaign is in planning and, in partnership with the Melbourne School of Engineering's new leadership team, Advancement will actively pursue broad external input into the MSE vision and plans for the future. A key aspect of the consultation will be the articulation of how our supporters can achieve philanthropic impact through the School.

In 2018 MSE aspires to engage more than 650 alumni in the life of the School through attendance at events, as mentors for our students and as volunteers more broadly. In addition, we seek to work with the School and Institutes to raise in excess of \$2 million to support areas of designated priority, such as student success; and research initiatives in biomedical engineering, water and energy. With the view of amplifying the expertise within MSE, nationally and globally, University Advancement will work with MSE academic and program leaders to engage them as content champions and advocates in deepening relationships with prospective donors, alumni and friends.



CHAIR'S REPORT



Mr John North

On behalf of the Board, I would like to express our profound appreciation to all our donors, alumni, volunteers, industry and friends who continue to take an interest in the Melbourne School of Engineering, its students, researchers and staff. We received a number of regular and one-off gifts throughout the year to support engineering excellence through scholarships, research, academic positions and building works. Thank you so much for your ongoing support.

These are exciting times for engineering at the University of Melbourne. The Melbourne School of Engineering (MSE) had an extremely busy 2017. It was possibly the busiest year since the University first offered courses in engineering in the late 19th century. The School continues to grow its teaching and research standing and is frequently ranked as the top Australian engineering school. Student numbers now exceed 10,000, with over half being international students. Teaching and research in the MSE is undertaken by almost 500 academic staff. Some of the world's top young minds study and research engineering topics at the MSE, and many are destined to become leaders in their fields.

The University of Melbourne's "Growing Esteem" strategy is about ensuring that current and future generations receive an education, research and depth of engagement equal to the best in the world. In order to deliver on this, the University has developed a strategic vision, MSE 2025, for the Melbourne School of Engineering, which represents an almost \$1 billion investment in creating a world-class engineering school. We have an ambitious infrastructure program to support these aims, including the development of a new campus at Fishermans Bend (Port Melbourne area). The Melbourne School of Engineering will have a strong presence in this new precinct, developing world-class facilities and collaborating with local industry and international businesses.

The MSE is thus rapidly gearing up for a very exciting period ahead, with great opportunities for growing philanthropic and industry investment and partnerships.

The Melbourne School of Engineering Foundation Board (MSEF) aims to support the Dean and the MSE in many ways including: assisting with strategies for engagement and stewardship of alumni, industry and friends of the MSE. The MSEF Board members work with the Faculty and the Engineering Advancement Office to deliver on this mission. I convey my thanks to all academic and professional staff who have assisted the efforts of the MSEF over the past year.

2017 was year of change and transition for MSE, with appointments of three new Heads of School and the imminent departure of the Dean, Prof Iven Mareels who would be stepping away from his role after 10 years of service.

As 2017 drew to a close, it became obvious that we can look forward to 2018 with more confidence and a renewed focus from MSE in respect of the vision and direction of the Faculty's philanthropic program. Recently appointed academic and professional staff are settling in well, and we are looking forward to working more closely in the years ahead.

I encourage all who are interested in the MSE to visit the website - <http://www.eng.unimelb.edu.au/> - and explore the extent of the School's activities. I think it will surprise many. We want you to be engaged and to be part of what promises to be a great journey over the next decade or so. Please do not hesitate to contact the Engineering Advancement Office via eng-advancement@unimelb.edu.au to learn more.

I wish to thank all my colleagues on the MSEF Board for your continued support and patience throughout 2017, and I look forward to a fruitful and constructive year ahead.

Finally, I acknowledge Professor Iven Mareels for his great contribution to the Melbourne School of Engineering. His late 2017 announcement that he would not continue as Dean came as a surprise. He has provided great leadership over 10 years. His input and encouragement to the MSEF has been invaluable. I convey to him our sincere thanks and best wishes in his future endeavours.

Mr John North

Chair, Melbourne School of Engineering Foundation

MSE FOUNDATION SCHOLARSHIPS AND AWARDS

The MSE Foundation has offered scholarship support to students entering the professional Master of Engineering and IT degrees for the last six years.

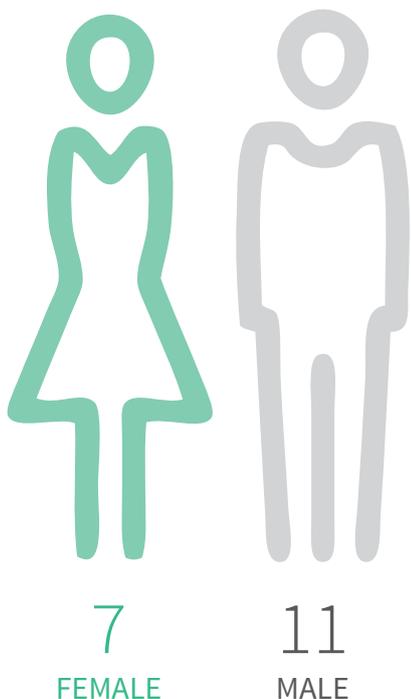
The funds are made available due to the generosity of the School's community in establishing and contributing to the MSE Foundation over the past three decades including a specific fundraising appeal from 2009 through to 2010.

A gift of \$10,000 to the Foundation was made by Mrs Dierdre Collier, to augment the capital of the Foundation. In recognition of this generosity, the Board of Management have committed to awarding the Dee and John Collier Scholarship from 2020-2023. This will continue the success and impact of the current John Collier Scholarship awarded 2016-2019 through a bequest from the late John Collier, BE (Mining) 1959, who enjoyed an illustrious career as a mining engineer.

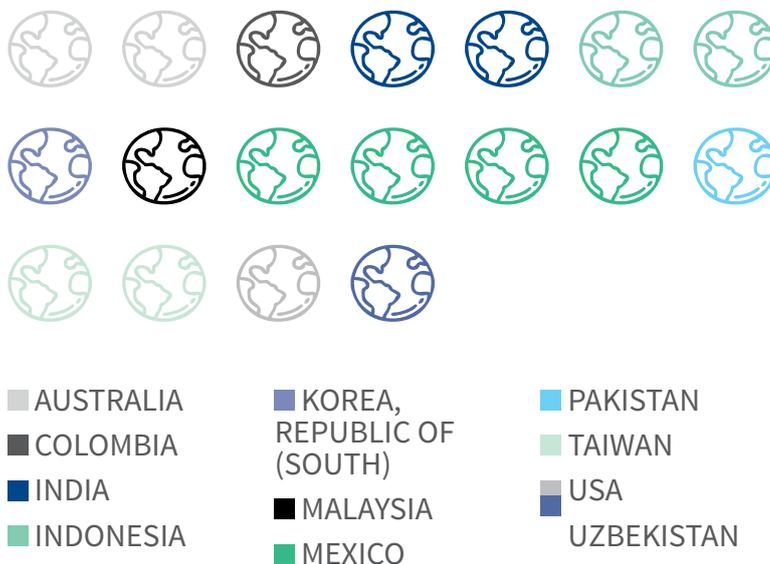
The MSE Foundation scholarships are available to local and international students, and are awarded on the basis of academic merit or to support students who have experienced disadvantage.

A total of 18 Foundation scholarships were awarded in 2017, which brings the total number of scholarships awarded through the program to 228.

Female vs. Male recipients



Country of Citizenship



SCHOLARSHIP IMPACT

Many of the 2017 scholarship recipients have highlighted the impact of receiving the MSE Foundation Scholarship below:



Winston Angkajaya
Master of Information Technology

“I am currently in my second year of the Master of Information Technology. I decided to continue pursuing my studies in this field to allow me to adapt with the rapid evolution of the IT industries. In this opportunity, I would like to thank the MSEF scholarship. It has been a great help to me as it allows me to focus more on my studies while easing my financial worries.”



Jasmin Goldberg
Master of Architectural Engineering

“I am studying civil engineering and architecture because I am passionate about sustainability and believe there is great benefit in merging industries in order to create effective, lasting and innovative solutions to today’s problems. I am incredibly thankful for the scholarship as it has allowed me to pursue more extra-curricular and volunteering activities as I have a lesser need to work during my studies.

The financial security provided by the scholarship has allowed me to get more involved in Engineers Without Borders as I strongly believe in the great work they do as an organisation, and I am looking into doing a Masters exchange, hopefully to North America, which will be greatly assisted by the scholarship.”

I am incredibly thankful to all who contributed to the scholarship. It is a heartening recognition of the hard work I put into my academic studies during my Bachelor of Environments and I truly appreciate the support.”



Maria Fernanda Rodriguez
Master of Energy Systems

“I’m currently in my last semester of the Master Degree of Energy Systems. As an Environmental Engineer I have always been interested in the mega trends that are shaping our future. Energy has been identified as a major player in most of them, hence I decided to enrol in this course. It has been an insightful and challenging experience. However, it has also been remarkable thanks to the MSEF scholarship which has enabled me to focus solely on my studies and ease financial worries. I’ll be forever thankful to the University for choosing me since it allowed me to achieve a personal and professional goal I had been working towards to.”



Sergio Rodriguez

Master of Information Technology (Computing)

“I am passionate about using Information Technology for driving positive societal change. Before coming to the University of Melbourne, I partnered with a team of entrepreneurs to build a technology start-up company that today formally employs 500+ single mothers from Colombia’s most vulnerable population. This experience showed me how Information Technology can be used as a powerful tool for improving the quality of life of societies. However, it also showed me my knowledge limitations and motivated me to join this course to be able to undertake bigger projects in the future.

I want to keep building tools that drive change in the world and I thank all contributors to the MSEF Scholarship program for supporting me in pursuing that dream. Without this scholarship I would be indebted to pay for my studies and my chances of continuing with my entrepreneurial spirit would be seriously compromised.”



Sukriti Srivastava

Master of Information Technology (Computing)

“I’m currently enrolled in the Masters of Information Technology (Computing) program at the University of Melbourne. Being a girl belonging to a conservative middle-class family it was a big deal for me when my father whole heartedly allowed me to pursue my dream of getting a master’s degree from a globally recognised and diverse university, when girls of my age are getting married back in my country. The MSEF- Scholarship that was bestowed upon me by the university has reduced the financial burden on my family to a significantly great extent. It’s because of the scholarship that I don’t have to worry about getting a casual job, to make ends meet, and I can focus completely on my education. I just can’t thank the university enough for considering me worthy of it, this just motivates me to give my best and strive for excellence.”



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 2017

Financial Statement for the year ended 31 December 2017

AUD (\$) 2016		AUD (\$) 2017
1,277,949.09	Carry-forward Cash Balance	1,440,325.86
-	Transfer to Capital	(10,000.00)
1,277,949.09	Cash Balance after Capital Transfer	1,430,325.86
	Operating Income:	
	External Income from Trustees	
26,961.63	Margot Sophie Cassidy Estate Income transfer	27,271.23
5,715.45	Walter Harold Taylor & Emma Jean Taylor Memorial Fund Income transfer	3.92
18,977.51	Interest Distribution	15,139.64
496,839.64	Unsettled Pool Distribution	517,198.42
(12,895.44)	Investments Administrative Fee	(13,308.45)
535,598.79	Net Annual Income	546,304.76
	Non-Operating Income:	
79,999.90	Donations	25,292.62
79,999.90	Non-Operating Income	25,292.62
615,598.69	Total Income	571,597.38
	Expenditure:	
58,044.84	Salary & On-costs	162,726.10
362,500.00	Postgraduate Scholarship	357,500.00
	Internal - Support for work on courtyard between CMC House and Old Eng Bldg	
32,677.08	Internal - Old Eng Workshop Refurbishment for the New Research Equipment 'CAREN'	27,275.15
453,221.92	Total Expenditure	547,501.25
162,376.77	Income less Expenditure	24,096.13
1,440,325.86	Accumulated Cash Balance	1,454,421.99
	Statement of Capital	
	Capital:	
4,349,738.95	Pool Unit Revaluation	5,959,322.58
7,952,673.40	Restricted Capital	7,962,673.40
-	Unrestricted Capital	-
12,202,412.35	Total Capital	13,021,995.98
	Represented by Statement of Assets at Book Value	
7,751,008.29	Trust Investment Pool Holding (Start) (No of Units)	7,757,190.67
12,202,412.65	Trust Investment Pool Holding	13,021,995.98
1.57	Current \$ Value per unit held	1.68
	Total Assets	
1,440,325.86	Accumulated Cash Balance	1,454,421.99
12,202,412.35	Capital	13,021,995.98
13,642,738.21	Total Accumulated Cash Balance & Capital	14,476,417.97

Legal & Risk - University Services

The University of Melbourne, Level 4, 161 Barry Street, Carlton Victoria 3010 Australia
 T: +61 3 8344 2612 F: +61 3 8349 4898
 E: legal-services@unimelb.edu.au W: <https://staff.unimelb.edu.au/legal-audit-records-policies>

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AUDITED MSE FOUNDATION FINANCIAL STATEMENT



Note:

The Salary & On-Costs of \$162,726.10 relates to the Melbourne School of Engineering Foundation's financial support for female academic as approved by the Board.

A handwritten signature in black ink, appearing to read 'S MacPherson'.

Sarah MacPherson
Finance Manager
Melbourne School of Engineering

Date 11 5 2018

Melbourne School of Engineering
The University of Melbourne, Victoria 3010 Australia
T: +61 3 8344 ****

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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 31 December 2017

Karen Gill, CPA CIA CRMA
Financial Operational Audit
Audit Assurance
Legal and Risk
University Services

Date: 27 / 03 / 2018

Statement of the Board of Management

In the opinion of the Board 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 2017 and the results for the year ended on that date;

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
in accordance with a resolution of the Board of Management.

Mr John North
Chair

Member of the Board
Christine Turky Gordon



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Melbourne School of Engineering

 +61 3 8344 0231

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