



MELBOURNE
SCHOOL OF
ENGINEERING



Annual Report 2012

The Melbourne School of Engineering Foundation

MSE FOUNDATION ANNUAL REPORT 2012

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MSE FOUNDATION CONTACT DETAILS

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THE MELBOURNE SCHOOL OF ENGINEERING FOUNDATION (MSE FOUNDATION)

A BRIEF HISTORY

From 1980 considerations had been given to the fact 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 early meeting held in 1981, the Dean reported to the then faculty regarding 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, the decision was made to hold an Appeal for \$2.5m over the period of 5 years. The proposal to Council was for an Engineering Centenary Appeal, which included the setting up of an Engineering Foundation, under the control of a Board of Management, which 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 from that meeting the appropriate legislation was prepared and soon afterwards the Council gave its approval.

The official launch of 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.

2012 BOARD OF MANAGEMENT

Chair

Mrs Christine Tursky Gordon BE (Hons)(Melb), BA (Melb), MMktg (MBS), MBA (Chifley)

Members

Mr Nick Callinan

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

Mr Ian Cochran*

BE (Melb), MIEAust, CPEng

Professor Iven Mareels

ir (Gent), PhD (ANU), FIEAust, FIEEEE, FTSE, CPEng, Eng Exec

Mr John North

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

Mr Andrew Rowse

(MUYE President)

Professor Peter Scales

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

Ms Marian Schoen

BA/LLB (Tas), LLM (Melb), MTEM (Melb), M.A.A (UNSW)

Professor Geoff Stevens

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

Professor Doreen Thomas

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

Mr Thomas Werner

BGeomE (Melb), BSc (Melb)

Mrs Liz Westcott

BCom (Melb), BE (CivEng) (Hons) (Melb)

Dr Jack Wynhoven AM

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

Secretary

Miss Wendy Wen Wen Zhao

* *Temporarily on Leave*

MISSION STATEMENT

To generate financial and community support for the Melbourne School of Engineering by developing and nurturing relationships with the business community, the alumni and other groups interested in the Melbourne School of Engineering's growth and development.

CHAIR'S REPORT

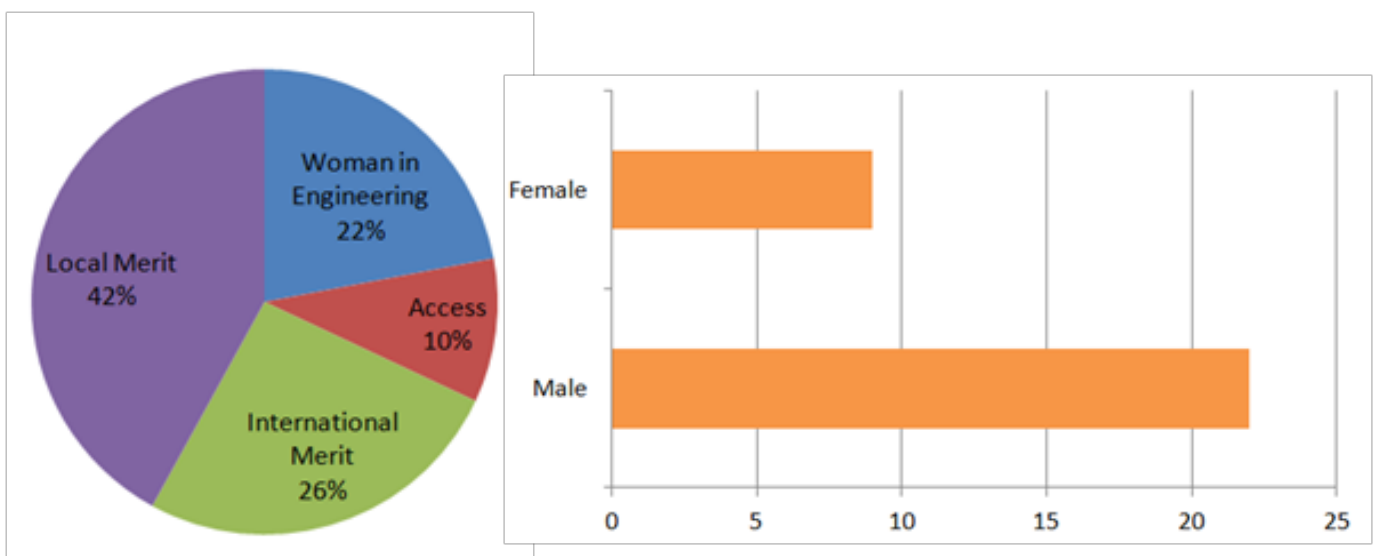
MRS CHRISTINE TURSKY GORDON

In 2012 the Board of Management continued to focus on generating financial and community support for the Melbourne School of Engineering (MSE). I sincerely thank the Board for a year of dedicated volunteer services throughout the year these included the 50 Years and Over Luncheon, the Kernot Fellowship Luncheon and the Woman in Engineering panel to name a few.



2012 was the second year of the MSE Foundation scholarship program. The scholarship program recognizes academic achievement and is awarded to international and local students based on their previous marks. There is an additional category for local students, based on "Access". This program supports students who are underrepresented in engineering education, and includes the category of "women in engineering" and/or those who have suffered set-backs with their studies.

In 2012 a total of 31 scholarships were offered with the help of the MSE Foundation.



International Merit Scholarship Breakdown:

China:	3
India:	1
Mexico:	1
Pakistan:	1
Indonesia:	1

I am pleased to announce that the Inaugural Scholarship of the Len Stevens Scholarship has been awarded to Jing Ming Ren a PhD student in the Polymer Science Group at the Department of Chemical and Biomolecular Engineering. Jing is currently visiting the IBM Almaden Research Centre in California, the world's foremost material research institute. During his four month visit, Jing Ming will investigate the modification of CNTs to prepare nanomaterials with enhanced physical and chemical properties, for potential use in areas of nano-electronics, drug delivery, energy storage and greenhouse gas capture.

I was delighted to meet Jing Ming Ren - he is the perfect ambassador for the Len Stevens Scholarship and I believe that his example will really please our current donors and also help to encourage further donations. Jing Ming is very articulate about how the scholarship will benefit his research and society, and he will bring back and share new techniques from his four month visit to the IBM Almaden Research Centre in San Jose, California with colleagues at the University of Melbourne. Professor Stevens' first scholarship will thus benefit a number of researchers and MSE as a whole through this transfer of knowledge.

Len Stevens Update

2011 (227 Donors)

Total Raised: \$135,916

≤\$99	58 Donors	Total \$6,672	Average gift size \$30 (inclusive of regular giving)
\$100 - \$499	98 Donors	Total \$19,194	Average gift size \$195
\$500 - \$999	20 Donors	Total \$10,000	Average gift size \$500
≥ \$1000	38 Donors	Total \$100,050	Average gift size \$2,632

Largest individual gift value received in 2011 was \$19,500

2012 (229 Donors)

Total Raised: \$98,003

≤\$99	88 Donors	Total \$8,076	Average gift size \$36 (inclusive of regular giving)
\$100 - \$499	82 Donors	Total \$15,035	Average gift size \$183
\$500 - \$999	23 Donors	Total \$12,842	Average gift size \$558
≥ \$1000	36 Donors	Total \$62,050	Average gift size \$1,724

Largest individual gift value received in 2012 was \$5,000

Once again it has been a wonderful and progressive year for the MSE Foundation, and I would like to sincerely thank all the Board of Management for all their time and dedication towards this foundation.

DEAN'S REPORT

PROFESSOR IVEN MAREELS

Alumni reunions continue to remain a feature of the School's alumni engagement program, providing opportunities for alumni to connect with each other as well as with the School.

It was a year where we worked to instill a culture of life-long engagement with the School with our newest graduates, taking a greater role in the Graduation Ceremonies to ensure this significant milestone in a memorable one. We were delighted to have Christine Tursky Gordon give the Occasional Address at the August Graduation to articulate her reasons for her continued involvement with the School, and to recognize the first Master of Engineering class at the December Ceremony with approximately 650 students graduating on the day.

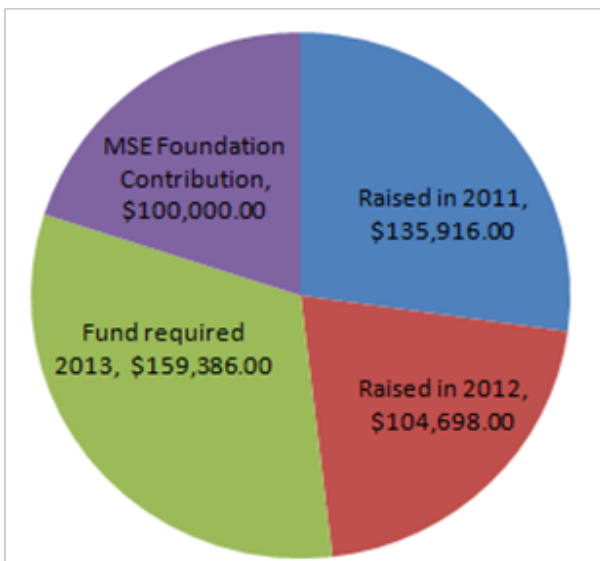


Alumni Relations

We continued with the milestone reunion program, hosting reunions for the 25, 30 and 50 Year Reunions, as well as supporting a number of discipline specific reunions initiated by members of the relevant class. The School also ran its first alumni relations events in China, hosting events in Shanghai and Beijing. These events focused on entrepreneurship and innovation, and enabled the School to engage with some of the many alumni achieving great things on their return to China.

Cultural Collections

The School undertook an audit of our cultural collections, following on from our 150th celebrations last year. The School houses four of the university's 30 cultural collections: the Electrical Engineering Education Collection, Surveying and Geomatic Engineering Collection, A.G.M. Michell Collection, and an early 20th century Venturi water meter. The School also houses several collections and individual items that also form an important part of the material history of the school and the history of engineering in Australia, including documents, photographs and oral history interviews. Altogether our collections comprise over 1100 items. During the audit we received several donations of significant objects, and have been able to re-house many of our collection items in display cabinets in the School, and in purpose-built storage off campus.



Len Stevens Scholarship Appeal

Every year we seek the support of our alum through the Annual Appeal, and I am very grateful to all our donors for providing their support. In 2012, our highest priority remains to be supporting students through the Len Stevens Scholarship Appeal. All gifts received during 2012 which did not specify a purpose were allocated to this appeal. With the support of the greater philanthropic community and the MSE Foundation, the inaugural scholarship was awarded this year. My congratulations go to Jing Ming Ren for being the first recipient of this worthy scholarship.

Len Stevens	2011	\$135,916
Len Stevens	2012	\$98,003

Len Stevens Scholarship at the end of 2012 contains total fund of \$333,919 (this includes the MSE Foundation contribution of \$100,000).

Campaign Priorities

Core to the objectives of *Growing Esteem*; the Melbourne School of Engineering has identified a suite of priority funding needs across our Teaching & Learning, Engagement and Research portfolios.

Broadly stated, The Melbourne School of Engineering seeks to: enable opportunity for our students; strengthen our research competitiveness and profile; and foster a culture of innovation and entrepreneurship.

Supporting our Students

- Providing scholarships to ensure we attract the best national and international students regardless of financial circumstances
- Developing innovative new learning spaces that foster creativity and discovery, and promote new methodologies in Engineering & IT education
- Establishing programs that enhance experiential learning and provide increased opportunities for students to engage in extracurricular activities that foster entrepreneurship and innovation

Strengthening our Research Capability

Advancing our capacity to be at the forefront of innovation and discovery is core to our motto of research for the benefit of society. Investing in the recruitment and development of leading academics nurtures scholarship, strengthens interdisciplinary collaboration, and pioneers innovative research. We seek to build capacity across our six research clusters:

- Water Productivity
- Energy
- Engineered Materials for Biomedicine
- Urban Connectedness
- Bionic Eye
- Biomedical Informatics and Systems

Enriching our Communities

- Supporting the advancement of underrepresented groups in the fields of Engineering & IT
- Establishing a Global Development Fund to encourage students to undertake research projects in developing countries
- Fostering interactions with the wider community at the local, national and international level through partnerships and joint research collaborations

The Melbourne Accelerator Program (MAP)

The Melbourne Accelerator Program (MAP) is a start-up accelerator that assists students, staff and alumni to give their venture the best possible chance of success.

MAP completed its pilot year in 2012 with significant traction, two student/alumni start-up teams supported by the Melbourne Accelerator Program were chosen as inaugural recipients of \$700,000 in funding through the Optus-Innov8 seed funding program for start-ups.

In 2012, over 40 alumni engaged with the program pre Demo Day, and their response to MAP has been unanimously and overwhelmingly positive. Many of these alumni are highly successful entrepreneurs who have not previously engaged with the University. MAP has proven to be a unique vehicle for alumni engagement.

Once again it has been a great pleasure working with the MSE Foundation Board of Management, I thank you all for offering your time and support.

MSE FOUNDATION FINANCIAL STATEMENT

The University of Melbourne

Title: **Melbourne School of Engineering Foundation**
 Project no.: **40868**
 Regulation: **UTW7.128**
 Reporting Date: **31 December 2012**

Financial Statement for the year ended 31 December 2012

AUD (\$) 2011		AUD (\$) 2012
758,662.69	Carry-forward Cash Balance	1,123,815.20
-	Transfer to Capital	-
758,662.69	Cash Balance after Capital Transfer	1,123,815.20
Operating Income:		
External Income from Trustees		
15,655.06	<i>Margot Sophie Cassidy Estate Income transfer</i>	28,822.48
	<i>Walter Harold Taylor & Esma Jean Taylor Memorial Fund</i>	
53,062.48	<i>Income transfer</i>	44,302.02
37,441.08	Interest Distribution	36,591.70
475,340.90	Unutilised Pool Distribution	464,946.84
(13,158.68)	Investments Administrative Fee	(12,538.46)
588,340.84	Net Annual Income	582,124.58
Non-Operating Income:		
7,791.67	Donations	10,811.67
7,791.67	Non-Operating Income	10,811.67
576,132.51	Total Income	572,936.25
Expenditure:		
210,000.00	Postgraduate Scholarship	383,800.00
980.00	Payroll Tax	845.00
-	Student Exhibitions & Prizes	250.00
-	Internal - Asset Capital (Old Engineering Boardroom upgrade)*	126,847.02
210,980.00	Total Expenditure	509,542.02
365,152.51	Income less Expenditure	63,394.23
1,123,815.20	Accumulated Cash Balance	1,187,209.43
Statement of Capital		
Capital:		
1,092,753.27	Pool Unit Revaluation	1,778,717.51
1,252,673.40	Restricted Capital	1,252,673.40
6,700,000.00	Unrestricted Capital	6,700,000.00
9,045,426.67	Total Capital	9,731,390.91
Represented by Statement of Assets at Book Value		
7,751,008.29	Trust Investment Pool Holding (Stat)-(No of Units)	7,751,008.29
9,045,426.67	Trust Investment Pool Holding	9,731,390.91
1.1670	Current \$ Value per unit held	1.2555
Total Assets		
1,123,815.20	Accumulated Cash Balance	1,187,209.43
9,045,426.67	Capital	9,731,390.91
10,169,241.87	Total Accumulated Cash Balance & Capital	10,918,600.34

Note: *Old Engineering Boardroom upgrade - funds from Cassidy \$30,948.98 and Taylor \$94,298.64

SUMMARY OF FINANCIAL TRANSACTIONS

Foundation Annual Report 2012 to University Council *
Melbourne School of Engineering Foundation (MSEF)
Trust Regulation: UTR7.128

Summary of Financial Transactions for the year ended 31 December 2012

		AUD (\$)
Capital value as at 1 January 2012		<u>9,045,426.67</u>
Income as at 1 January 2012		1,123,815.20
<u>Income:</u>		
Trust	562,124.58	
Donations & Bequests	<u>10,811.67</u>	
Total Income		572,936.25
<u>Expenditure:</u>		
Postgraduate Scholarship	384,045.00	
Student Exhibitions & Prizes	250.00	
Internal - Asset Capital (PC&S funds for G27 upgrade)	<u>125,247.02</u>	
Total Expenditure		509,542.02
Income total as at 31 December 2012		<u>1,187,209.43</u>

* For University reporting purposes.

AUDIT OPINION

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 2012.



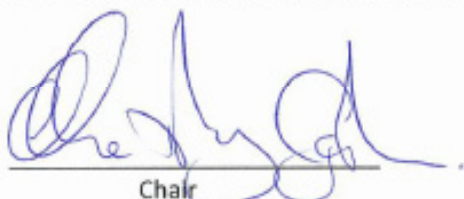
Peter Chuah
Senior Financial / Operational Auditor
The University of Melbourne
5 March 2013

Statement of the Board of Management

In the opinion of the Board Management

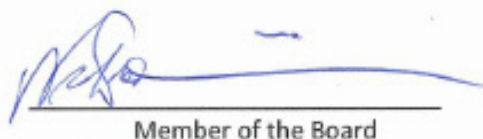
- (a) the accounts of the Foundation set out in the attached Financial Statement are drawn up so as to give a true and fair view of the state of affairs as at 31 December 2012 and the results for the year ended on that date;
- (b) there are reasonable grounds to believe that Foundation will be able to meet its debts as and when they fall due.

Signed at Melbourne on the 17th day of October 2013
In accordance with a resolution of the Board of Management.



Chair

Christine Tursley Gordon



Member of the Board

Nick Callinan

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Corymbia Citriodora & Old Engineering Building, photograph by Sam Davison

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