Faculty of Engineering, Computing and Mathematics

Faculty Prizes
Breakfast Program

Friday 15 April 2016
The Dean of the Faculty of Engineering, Computing and Mathematics presents the

Faculty Prizes Breakfast

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Congratulations

On behalf of the Faculty of Engineering, Computing and Mathematics, I take great pleasure in welcoming donors, prize winners and special guests to our annual awards event.

This is a marvellous opportunity for us to celebrate the hard work and outstanding achievements of this exceptional cohort of students.

On behalf of the Faculty and the University, I extend congratulations to you all.

Of course, without the continued and generous support of our donors, this event would not be possible and we thank you sincerely for your contribution. Your involvement in this important part of the Faculty’s activities provides encouragement and motivation for our students to excel in their studies and become leaders of the future.

I wish all students the very best for the remainder of their studies and for their future careers.

Professor John Dell

Dean, Faculty of Engineering, Computing and Mathematics
Thank you

It is pleasing to see so many students achieving accolades for their academic effort. These awards help to inspire and motivate our students to excel in their studies.

The prizes awarded here today would not be possible without the continued support of our valued sponsors and donors.

On behalf of the Faculty of Engineering, Computing and Mathematics, along with all of our prize winners, I would like to thank you for offering these prestigious awards.

To all the prize winners – well done and congratulations.

Professor Mike Johns

Deputy Dean (Education), Faculty of Engineering, Computing and Mathematics
AA Kingsley Memorial Honours Prize in Engineering
The prize is awarded to the student commencing honours in Engineering Science (semester two) and enrolled in the Bachelor of Science, with the highest average mark across the level 3 units of the chosen specialisation of the Engineering Science major.
Mr August Albert Kingsley bequeathed the sum of $75,000 to establish a fund to aid students in their engineering thesis.
RECIPIENT: Andrew Pham

Arup Prize in Structural Dynamics
The prize is awarded to the student with the highest mark in the unit CIVIL5501 Structural Dynamics.
RECIPIENT: Filip Glisic

Australian Geomechanics Society Prize
The prize is awarded to the engineering student who presents the best combination of seminar and thesis on a geotechnical topic.
RECIPIENT: Matthew Bell

Blakers Prize in Mathematics and Statistics
The prize is awarded to the student with the highest average mark in the level 3 units of the Mathematics and Statistics major.
Professor A. L. Blakers was a Professor and Head of the Mathematics Department at UWA for 30 years. He played an important role in the foundation of the Australian Mathematical Society, the Australian Association of Mathematical Teachers and the Mathematical Association of Western Australia (MAWA), and was a founder and long term Director of the National Mathematics Summer School for gifted high school students which takes place in Canberra each year. This prize was established in 1994 by the family, friends, colleagues and ex-students of Professor A. L. Blakers in memory and recognition of his long and dedicated service to mathematics and mathematics education in Australia.
RECIPIENT: Nathan Ho

Applied Probability Trust Richard Tweedie Memorial Prize in Random Processes and Their Applications
The prize is awarded to the student with the highest mark in the unit STAT3061 Random Processes and Their Applications.
Richard Tweedie was a member of staff in the then UWA Department of Mathematics in 1978. A well known and respected statistician and probabilist, Richard died in 2001. This prize was established in his memory by the Applied Probability Trust.
RECIPIENT: Rongnan Yang

Cape Bouvard Prize in Eco-Engineering
The prize is awarded to the student with the highest mark in the unit ENVE4405 Eco-Engineering.
RECIPIENT: Fraser Eynon
Cement, Concrete & Aggregates Australia Prize in Structural Concrete
The prize is awarded to the student with the highest mark in CIVL4403 Structural Concrete.
RECIPIENT: Scott Buchholz

Chevron Chair Prize in Gas Process Engineering - Advanced Thermodynamics
The prize is awarded to the five students with the highest mark in the unit CHPR4404 Advanced Thermodynamics.
RECIPIENTS:
Calli Sundelowitz
Espoir Matabishi
Bao Nguyen
Razyq Nasharuddin
Samuel Turner

Chevron Chair Prize in Gas Process Engineering – Gas Processing
The prize is awarded to the five students completing the two units Gas Processing 1 - Flow Assurance and Gathering (CHPR5521) and Gas Processing 2 - Treatment and LNG Production (CHPR5522) who achieve a Higher Distinction in both units and have the best combined performance across both units.
RECIPIENTS:
Myles Hollingworth
Vincent Lim
Chris Webb

Chevron Chair Prize in Gas Process Engineering – Mass and Energy Balances
The prize is awarded to the five students with the highest mark in the unit ENSC3005 Mass Energy Balances.

Chevron Chair Prize in Gas Process Engineering – Unit Operations and Unit Processes
The prize is awarded to the five students with the highest mark in the unit ENSC3019 Unit Operations and Unit Processes.
RECIPIENTS:
Shreya Gupta
Ethan Huynh
Calli Sundelowitz
Nigel Hew
Amit Sett

Clough Prize in Material Behaviour from Atoms to Bridges
The prize is awarded to the student with the highest mark in the unit ENSC1002 Material Behaviour from Atoms to Bridges.
RECIPIENT: Hang Li

ConocoPhillips Prize in Fluid Mechanics
The prize is awarded to the student with the highest mark in the unit ENSC3003 Fluid Mechanics.
RECIPIENTS:
Ethan Huynh

Convocation of UWA Graduates Prize in Engineering Challenges in a Global World
The prize is awarded to the student with the highest mark in the unit ENSC1001 Engineering Challenges in a Global World
RECIPIENT: Samuel Holden
Science in 1986.

He was a Fellow of Engineers Australia and was Chairman of the College of Electrical Engineers between 1983 – 1987.

In 1983, he was awarded the MA Sargent Medal for his outstanding contribution to electrical engineering. The medal is the highest award of the Electrical College board and Professor Humpage was the first West Australian to receive it.

RECIPIENT: Sahil Khubchandani

**Faculty of Engineering, Computing and Mathematics Medal**

The prize is awarded by the relevant board to the most outstanding honours graduand having achieved the highest course weighted average in the Faculty, who is the Faculty’s nominee for the J A Wood Memorial Prize.

RECIPIENT: Simon Truong

**Dr Julian Hunka Prizes in Dynamics, Vibration and Sound**

The prize is awarded to the two students with the highest mark in the unit MECH4426 Dynamics, Vibration and Sound.

Dr Julian Hunka was a former lecturer in the then UWA Department of Mechanical Engineering. This prize was established in 1984 by his wife, Mrs Irene Hunka in his memory.

RECIPIENTS:
Dusan Matejic
Umberto Anderle

**Fluor Australia Prize in Electric Machines**

The prize is awarded to the student who achieves the highest mark in unit ENSC3016 Electric Machines.

RECIPIENT: Junchao Wang

**Fluor Australia Prize in Materials and Manufacturing**

The prize is awarded to the student with the highest mark in the unit ENSC3002 Materials and Manufacturing.

RECIPIENT: Aiden Archer

**Hyman S Spigl Prize in Advanced Engineering Mathematics**

The prize is awarded to the student with the highest mark in the unit GENG4407 Advanced Engineering Mathematics.

Hyman S Spigl was a former Government Astronomer of WA and part-time lecturer in Surveying at UWA. He was also a UWA graduate.
Keulegan Prize in Hydraulics

The prize is awarded to the student with the highest mark in the unit ENSC3010 Hydraulics.

In memory of Dr Garbis Keulegan, an eminent Civil Engineer.

RECIPIENT: Sinta Liangton

Lycopodium Prize in Mechanical Engineering Design Project 1

The prize is awarded to the student with the highest mark in the unit MECH5551 Mechanical Engineering Design Project 1.

Lucien Nguyen

Lycopodium Prize in Mechanical Engineering Design Project 2

The prize is awarded to the two students with the highest mark in the unit MECH5552 Mechanical Engineering Design Project 2.

RECIPIENTS:
Lucien Nguyen
Jamie Pickles

Monadelphous Prize in Project Management and Engineering Practice

The prize is awarded to the student with the highest mark in the unit GENG5505 Project Management and Engineering Practice.

RECIPIENT: Alexis Hall

MRX Technologies Prize in Control Engineering

The prize is awarded to the student with the highest mark in the unit GENG4402 Control Engineering.

RECIPIENT: Alexander Malone
Ronald and Irene Searcy Prize in Mathematical Methods 2
The prize is awarded to the student with the highest mark in the unit MATH1002 Mathematical Methods 2.

This prize was established in 2008 by Professor Jennifer Searcy in honour of her late parents, Ronald and Irene Searcy. Ronald and Irene Searcy opened their home to help young students matriculate and succeed in tertiary studies and the prize is to carry forward the good works her parents began. Irene and Ronald Searcy were strong believers in helping young people to attend university and reach the highest possible level in their chosen field even though neither of them had that opportunity themselves. Professor Searcy has maintained a voluntary position at Murdoch University to educate young people in science and mathematics and the prize she provides in her parents' names is to honour their generous outlook on life.

RECIPIENT: Nicholas Lawler

Nicholas Searcy Prize in Mathematical Methods 1
The prize is awarded to the student with the highest mark in the unit MATH1001 Mathematical Methods 1.

Nicholas Searcy was a devoted scholar in mathematics, science, literature and the fine arts. This prize was established in 2007 by his mother, Professor Jennifer Searcy. In 2001 Jennifer created and continues to run an after school programme at Murdoch University which teaches children (from 10 years old) mathematics and science.

RECIPIENT: Jonathan Pang

Quadrant Energy Prize in Combustion Science and Technology
The prize is awarded to the student with the highest mark in the unit CHPR5520 Combustion Science and Technology.

RECIPIENT: Morten Lekken

Quadrant Energy Prize in Process Synthesis and Design
The prize is awarded to the student with the highest mark in the unit ENSC3018 Process Synthesis and Design.

RECIPIENT: Adele Madigan

Santos Prize in Petroleum Engineering
The prize is awarded to the student with the highest mark in the unit GENG5504 Petroleum Engineering.

RECIPIENT: Lucien Nguyen

Shell EMI Chair Prize in Design of Offshore Systems
The prize is awarded to the five students with the highest mark in the unit CIVL5505 Design of Offshore Systems.

RECIPIENTS:
Scott Anderson
Ashlee Jones
Wisnu Njoman
Dusan Matejic
Kate Fitzgerald
Stephen John O’Shea Prize in Structural Analysis
The prize is awarded to the student with the highest mark in the unit ENSC3008 Structural Analysis.

Stephen John O’Shea was a final-year honours student in Civil Engineering at UWA who was fatally injured in a traffic accident in 1988 aged 21. This prize was established by Lynne and Denis McLeod

RECIPIENT: Joddy Ting

Swan Contract Personnel Prize in Applied Engineering Thermodynamics
The prize is awarded to the student with the highest mark in the unit MECH4429 Applied Engineering Thermodynamics.

RECIPIENT: Andrew Pham

Swan Contract Personnel Prize in Circuits and Electronic Systems
The prize is awarded to the student with the highest mark in the unit ELEC4401 Circuits and Electronic Systems.

RECIPIENT: Thomas Jenkins

Swan Contract Personnel Prize in Coastal and Offshore Engineering
The prize is awarded to the student with the highest mark in the unit GENG5501 Coastal and Offshore Engineering.

RECIPIENT: Marcel Chee

Telford Prize in Engineering
The prize is awarded to the student with the highest mark in the unit ENSC2001 Motion.

Ronald Telford was an engineering graduate of UWA who lost his life at Balikpapan on war service during World War II. This prize was established in 1977 by the late Mrs E. E. Brown in memory of her nephew.

RECIPIENT: Daniel Zhang

Tesla Prize and Medal in Electronic Materials and Devices
The prize is awarded to the student with the highest mark in the unit ENSC3014 Electronic Materials and Devices.

Nikola Tesla was a Serbian American inventor, electrical engineer, mechanical engineer, physicist, and futurist best known for his contributions to the design of the modern alternating current electricity supply system.

RECIPIENT: Aaron Hurst

Water Corporation Prize in Wastewater Engineering: Treatment and Resource Recovery
The prize is awarded to the student with the highest mark in the unit ENVE5502 Wastewater Engineering: Treatment and Resource Recovery.

RECIPIENT: Emily Denholm

Water Corporation (Rowena Ma) Prize in Civil Hydraulics
The prize is awarded to the student with the highest mark in the unit CIVL4402 Civil Hydraulics.

Rowena Ma was a Civil engineering student at UWA. She passed away a year after completing her course in 2000 whilst she was working at Water Corporation in the role of Graduate Engineer.

RECIPIENT: Chad Williams
**Water Corporation Prize in Process Instrumentation and Control**
The prize is awarded to the student with the highest mark in the unit ELEC5506 Process Instrumentation and Control.

RECIPIENT: **Claude Smith**

**William and Marlene Schrader Prize in Biomedical Engineering**
The prize is awarded to the student enrolled in the Master of Professional Engineering, the Bachelor of Engineering or the Bachelor of Engineering component of a combined degree course, who achieves the highest mark in the final year engineering research project in the field of biomedical engineering.

RECIPIENT: **Peter Teakle**
All award winners and donors are invited to participate in photos at the conclusion of the ceremony.
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