



UNSW
AUSTRALIA

Canberra

UNSW Australia UNSW Canberra at ADFA Conferring of Awards 2016

Never Stand Still

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About UNSW Canberra



UNSW Canberra at the Australian Defence Force Academy graduates shape Australia, the region and the international community as leaders in defence, government and industry.

Working at the intersection of a leading university and a military academy, UNSW Canberra has been educating defence leaders for half a century.

Through our experience in education and our achievements in research, we excel in teaching undergraduate, postgraduate and doctoral research students across arts, business, engineering, IT and science.

Our undergraduate programs are tailored to the educational needs of members of the Australian Defence Force, while our graduate and doctoral research programs attract students from all walks of life and all parts of the world.

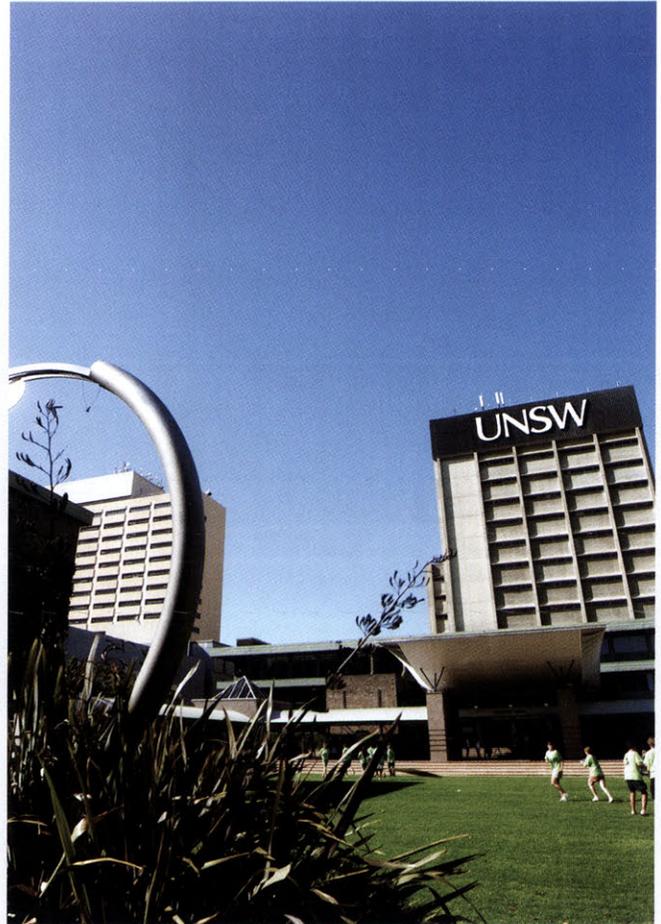
About UNSW Australia

UNSW Australia is Australia's leading university focused on science, technology and the professions, and a peer of the best internationally.

Our motto – Manu et Mente, “with hand and mind” – encapsulates UNSW's commitment to research that has relevance and impact, to teaching that produces graduates prepared for work, and deep engagement with the communities we serve.

Distinguished by our progressive spirit, our priority is to nurture ideas and skills and generate intellectual growth, economic prosperity and social development.

We celebrate the diversity of backgrounds and cultures from which we draw students of the highest potential. We are proudly a university of our region, with a long engagement in the Asia-Pacific.



Welcome Messages

In life there are some important milestones that must be celebrated, cherished and remembered. In graduating from UNSW Australia you are achieving one of these.

A graduation is not just a formality. It is an acknowledgment of the significant commitment you have shown to academic excellence and should be a source of great pride to you, now and for many years to come.

Education is one of life's great gifts. And whether you are the teacher or student, the rewards are just as profound. We feel privileged to have had you in our student

cohort over recent years and encourage you to stay involved with the University by joining UNSW Alumni. This will allow us to follow your achievements and success closely. Such is the scope of this network that wherever you go in this world, you are unlikely to be far from another graduate of this fine institution.

I hope you have enjoyed your time at UNSW and made the most of the opportunities available to you.

Congratulations and good luck.

David M Gonski AC
Chancellor





Congratulations on your graduation from UNSW Australia. This is an achievement to be proud of, and represents your effort, dedication and academic accomplishment while you have studied with us. More importantly, it signals the beginning of your membership of an elite group of alumni representing UNSW not only across Australia, but globally.

Ranked in the top 100 universities worldwide, UNSW is one of Australia's leading research

and teaching universities. For many years, the quality of our graduates working in a wide range of professions on every continent has helped build that reputation.

I wish you success for your life ahead. I have no doubt that you will be another fine representative for UNSW in the years to come.

Professor Ian Jacobs
President and Vice-Chancellor

Australian National Anthem

ADVANCE AUSTRALIA FAIR

Australians all let us rejoice,
For we are young and free;
We've golden soil and wealth for toil,
Our home is girt by sea;
Our land abounds in nature's gifts
Of beauty rich and rare;
In history's page, let every stage
Advance Australia Fair.

In joyful strains then let us sing
Advance Australia Fair.

Order of Proceedings

Wednesday 7 December 2016, 10.00am | Business, Humanities and Social Sciences

ACADEMIC PROCESSION

The Academic Procession proceeds to the dais, the Assembly standing. The University Mace is carried by Emeritus Professor Peter Dennis AM, BA (Hons) UAde, Dip T. (Sec) ATC, MA DukeU, PhD DukeU, FRHistS

NATIONAL ANTHEM

Advance Australia Fair

WELCOME

The Rector of UNSW Canberra, Professor Michael Frater, BSc BE Syd, MHEd UNSW, PhD ANU, FTSE

The Chancellor of UNSW, Mr David Gonski AC, BCom LLB UNSW, FCPA, FAICD

ADMISSION TO AWARDS

The Director of Academic Programs, Associate Professor Elizabeth Ritchie, BSc (Hons), PhD Monash requests the Chancellor, on behalf of the University Council, to admit candidates to awards.

OCCASIONAL ADDRESS

REV Tim Costello AO, Chief Advocate, World Vision

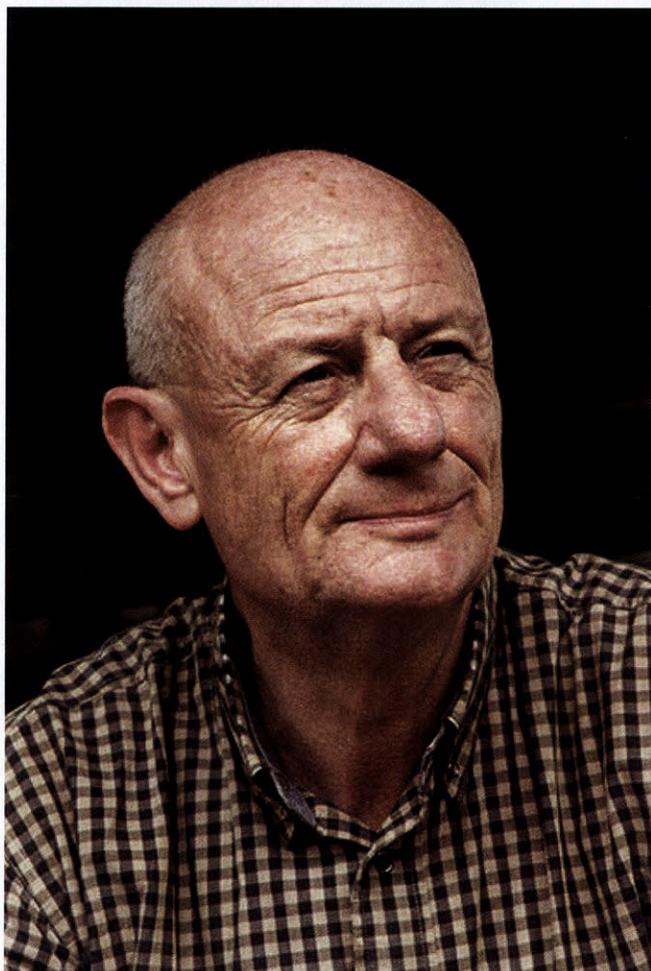
CONCLUDING REMARKS

The Rector of UNSW Canberra, Professor Michael Frater, BSc BE Syd, MHEd UNSW, PhD ANU, FTSE

Following the Concluding Remarks, the Assembly will stand while the Academic Procession retires. Refreshments will be served in the Academy Cadets' Mess at the conclusion of the ceremony. Photography and framing services will also be available.

Occasional Speaker

REV Tim Costello AO, Chief Advocate, World Vision



Rev Tim Costello is one of Australia's best known community leaders and a sought after voice on social justice issues, leadership and ethics.

Tim has just completed 13 years as Chief Executive of World Vision Australia, where he has tirelessly placed the challenges of global poverty on the national agenda. In his new role as Chief Advocate, Tim will continue to use his public profile to affect change.

In earlier roles Tim was National President of the Baptist Union of Australia and Mayor of St Kilda. He has been Baptist Minister at St Kilda Baptist and Collins Street Baptist in Melbourne, as well as Executive Director of Urban Seed. In these roles he spearheaded public debate on problem gambling, urban poverty, homelessness, reconciliation and substance abuse.

Initially Tim studied law and education at Monash University, followed by theology at the International Baptist Seminary in Rueschlikon, Switzerland. He also received a Masters Degree in Theology from the Melbourne College of Divinity.

In 2004, Tim was named Victorian of the Year; in June 2005 he was made an Officer of the Order of Australia (AO); and in 2006 was named Victoria's Australian of the Year.

His books include *Faith* (2016), *Hope* (2012), *Another Way to Love* (co-edited with Rod Yule); *Streets of Hope: Finding God in St Kilda*; *Tips from a Travelling Soul Searcher*, and *Wanna Bet? Winners and Losers in Gambling's Luck Myth* (co-written with Royce Millar).

Tim and his wife Merridie have three adult children, Claire, Elliot and Martin.

Business, Humanities and Social Sciences Awards

The candidates are presented by Associate Professor Elizabeth Ritchie.

BACHELOR OF ARTS BA

Nicholas Ashley Sebastian Alexandrou
Zachary Jay Allen
Fergus Banks
Emmaline Kate Bridger
Jacob Peter Bronk
Hillary Addy Bunao
Amy Jeanette Campbell
Callum Chapman
Samuel Barry Clark
Harrison Lewis Clayfield
Joseph Ely Compton
Emma Talisa Cook
Euan James Daulman*
Kristy Leigh Eadie
Bronte Franklin
Thomas Grimshaw
Ayden James Grulke
Isabella Alexandra Guyomar
Luke Phillip Hanna
James Edward Heap
Zachary Jason Holt
Peter John Hunter
Hamish Jolly
Noah Riley Kemp
Gemma Grace Kingston
Colm Phillip Lister
Lachlan James Marsh
Ailie Erin McCallum
Lachlan Thomas McCauley
Nicholas Adrian McRae
Gabriel Mead
Anastasia Sarah Murray
Nicholas Michael Noonan
Anita Yvonne Price
Michelle Prior
Kurt Raymond Raike
Nicholas Wayne Randall
Victoria Nancy Roadnight

Jeremy Barry Rooke
Chase Rundle
Joseph Francis Ryan
James Alexander Sandwell
Katie Alexandra Scicluna
Shafiqah Irdina Shariff Ali
Jack Thomas Sheehan
Connor James Stephenson
Tiana Cheri Stevens
Somaskaantan Subramaniam
Timothy Luke Thornton Taylor
Abbie Leigh Thatcher
Anna Thomas
Chandaro Touch
Patrick Watts
Morgan Wilkins
Jonathan William Woodward

Distinction

Sean Matthew Gallagher
Jordan Samuel Graney
Patrick Shaun Lockyer
Tingting Luo
Lewis Mikulic
Kate Hannah Elizabeth Millward
Sally Caitlin Shanahan
James Patrick Wilson
Ellery Joseph Young

BACHELOR OF ARTS (HONOURS) BA(HONS)

Oliver James Roy Harris

Honours Class 2 Division 1

History

Cian Thomas James Reid
James Lachlan Fraser Saint
Kelvin Lawrence Smith

International and Political Studies

Andrew Oliphant Richardson
Larissa Whitton
Nicola Worsley

Honours Class 1

International and Political Studies

Andrew Dunn-Lobban

BACHELOR OF BUSINESS BBus

Jerome Abdelmessih
Frances Louise Bell
James Mark Bonney
Chelsea Lee Bowden
Harry Nicholas Brown
Jarrod Roderick Buissink
Jesse Evan Cannard
Jim Bryan Catam-Isan
Alexander Lachlan Gustavo Cladera
Stephen Lee Cole
Zoe Elizabeth Corcoran
Sarah Taylor Cousins
Rachel Jane Crothers
Timothy Christopher Duffield
Luke Mathew Ede-Jones
Deanna Maria Ellick
Victoria Caroline Flockhart
Joshua Luke Gibb
James David Graves
Ryan Henderson
John Wyman Hensman
Tamara Jean Hitchins
Thomas Matthew Howe
Matthew Mark Humphreys
Julian Huynh
James John Irwin
Thomas David James
Gabriel Koumarelas
Jonathan Maat*
Sophia Annemarie Maling
Justin Jacek Mamys
Zoe Amanda Martin

Conor Phillippe Mathieson
Jason Scott McKinnon*
Sean Fujii Morell
Keirron Michael Robert Nehmelmann
Eloise Janette O'Connor
Patrick James O'Donoghue
Harrison Pastega
Erik William Pedersen
Camille Frances Pellinkhof
David Antony Peters
Matthew Patrick Quick
Damon Paul Radford
Matthew Jordan Rae
Harrison Jack Rees
Jacob Rolfe
Duane Russell
Jack Ryan
Connor-Jay Douglas Shepley
Sally-Anne Smith
Michael Snart
Jayden Michael Soldati
Jacob Philp Stewart
Michael Stoddart
Matthew Benjamin Storer
Miklos Zoltan Szollosi
Nancy Tolhurst
Connor Adam Van Rhoon
Rene Joy Van Rooyen
Benjamin Wealleans
Joshua Billy Williams
Jesse Ryan Wood
Claire Elizabeth Woodwell
Syenne Kodah Young
Kevin Kefu Zhu

Distinction

Troy Joseph Campbell
Tiffany Christina Chapman
Sarah Jane Hampson-Baugh
Maxwell Charles McKenzi Harding
Liana Gaye Poole
Jenna Ruth Webb

Distinction and The University Medal

Kirsten Nicolle

GRADUATE CERTIFICATE IN ARTS

GradCertArts

Euan James Holden

GRADUATE CERTIFICATE IN BUSINESS

GradCertBus

James Andrew Edmondson*

Nathan Paul Farrugia

GRADUATE DIPLOMA IN ARTS GradDipArts

Strategy and Security

Craig Jonothan Woodfield

MASTER OF ARTS MA

Military History

Rodney James Allen

Stephen Michael Charles Becket

John William Dalco

Luke Thomas Dixon

Mark Andrew Eastgate

Michael John Fogarty

Peter Douglas Gower

Nicholas Jolly

Adam Craig Lunney

Mark Kingsley Leopold Mankowski

Patrick Ian Moore

Thomas John Neverauskas

Mark Higgins Turner

Excellence

Simon James Clarkson

Daniel McKean Howard

Strategy and Management

Jerome Adam

Joshua Noel Bamford

Amy Louise Beggs-French

Nelson Wing Hang Chow

Glenn Alexander Ellis

Bradley Michael Francis

Rie Fukuhara

Jack Goener

Brett John Hartley

Maree Ann Hauville

Richard Letts

Samuel George McKenzie

Wenqing Rachel Morris

Ainsley Glen Morthorpe

Christopher Alan Moss

Dirk Francis Orreill

Haley Lauren Price

Corey Jason Shillabeer

Christopher David Turner

Richard Anthony Vagg

Excellence

Michael Timothy Bye

Patrick Joseph Cooper

Travis Hoffmann

Owen Thomas Morton

Anthony Clive Wennerbom

Strategy and Policy

Chad Morris Bertram Preece

Strategy and Security

Ross Lindsay Bardsley

Mark Bichan

Nicola Madonna Majella Bigarelli

Martin James Birrell

Leenah Matilde Bonollo

Edouard Charles Cousins

Benjamin James Davey

Andrew Robert Dunn

James Matthew Easton

Richard David Elsom
Michael Raymond Forsythe
Valentina Gallo
Stuart James Gomm
Nicholas James Patrick Graney
Lara Jayne Gunn
Paul Michael Lynch
Ramon Luis Mojica
Lan Anh Thi Ngo
Paul O'Donnell
Sonik Patel
Caitlin Jean Pedel
Nicholas James Perriman
Uliano Peter Polatos
Elisabeth Ellen Quinn
James Alexander Robertson
Luke Richard Ryan
Verity Jane Sanchez
William John Tuckerman

Excellence

Sharon Louise Ackman
Nicholas Campbell D'Arcy
Jo Harvey-Collings
Jessica Kerr

MASTER OF BUSINESS MBus

Stephen Brian Airey
Kate Elizabeth Alston
Lynne Aylward
Robert Andrew Barb
Christian Barbiran
Christopher Charles Barnes
Mirjana Barrie
Jeffrey James Batten
Zachary Martin Baur
Sarah Louise Bawden
Julia Grace Bell
Steven Graham Bell
Mabelle Theresia Bolinao
Steven Booth
Benjamin Scott Bruce

Michael Logan Caddy
Ben Graham Caligari
Alun David Cameron
Lee Yeong Carruthers
Benjamin John Chaffey
Kate Maryann Chetty
David William Clarkson
Shaun David Close
Samuel John Colclough
Liam Sean Colreavy
Lorraine Margaret Cook
Dale Jeffrey Cooper
Andrea Crowe
Scott Francis D'Eresby Davidson
Luke Neville Dennard
Christopher Thomas Drummond
Callan Dane Du Plessis
Benedict James Farrell
Luke Anthony Foster
Harvey Thomas French
Steven Frimston
Geoffrey Godkin
Adam Keith Gough
Bernadine Theodora Green
Peter Gress
David John Grima-Farrell*
Luke Anthony Hagerty
Luke Haitas
Christopher Brian Hake
Benjamin Steele Hall
John Martin Haly
Sharon Lee Harnett
James Hepworth
Blake Matthew Herron
Adam Joshua Hill*
Andrew Robert Hoare
Colin Klaas Hoekstra
John Patrick Holloway
Brandon John Horn
Belinda Joy Johnson
Christopher Johnson
Mark Edmund Johnston

Nileshni Lata Karan
Caroline Lee Kelly
Matthew Kelly
Andrew Michael Keogh
Marc James Keppler
Leigh Virginia Kisnorbo
Glen Kuschert
Thomas Lewis
Damien Paul Lindsay
Kathryn McCabe
Helen McCandless
Michelle Louise McDermott
Colin John McLeod
Jeremy Adam Mierendorff
Jessica Miley-Dyer
Jaymee Zac Millard
Sarah Lynette Mills
Brett Geoffrey Mitchell
Roderick Samuel Narayan
Brett Adam Nelson
Demelza Claire Newlove
Kiri Jane Nothdurft
Allan O'Connor
Robert O'Donnell
Kylla Patterson
Daniel Mathew Pendergast
Christopher Lewis Pendleton
Ciara Anne Phelan
Mevan Ranatunga
George Butler Revell
Gareth Robert Rice
Fiona Jane Richmond
Jennifer Ann Roberts
Bradley Edward Roos
Martyn Raymond Woodd Rutty
Russell Wrighton Saint
David John Seers
Mark Allan Shaw
Brock Aaron Smith
Brett James Starkey
Brooke Idoline Steele

Matthew Joseph Stevens
Colin Storey
Felix Fabular Sudario
John Robert Sutherland
Richard Nimitra Thapthimthong
Zoe Frances Thorne
Steven Michael Thorpe
Thomas Michael Usher
Alexander Erwin Vanstan
Jana Leah Vekar
Amelia Letitia Walton
Darren James Warner
Megan Nicole Webber
Lisa Therese Weston
Howard Ryan Williams
Benjamin David Witteveen
Karl James Woodward
Tyson Yew
Maurice Young
Jimmy Zhao Zhang

Excellence

Ross James Gordon
Gregory Bruce Pinney
Jessica Evelyn Zamora

MASTER OF ARTS MASTER OF BUSINESS MA MBus

Strategy and Security

Patrick Anthony Rowley*

MASTER OF LOGISTICS MANAGEMENT MLogMgt

Andrew Michael Demczuk*
Nayana Darshana Hettiarachchi
Michelle Nicole Orr
Daniel James Tompson

MASTER OF ARTS BY RESEARCH MA

Graham Raymond Philpot

MASTER OF PHILOSOPHY BY RESEARCH MPhil

Business

Lorraine Mulholland

Politics

Mia Cinead Clapton
Paul Andrew Kirk

DOCTOR OF PHILOSOPHY PhD

Economics

Luke Forau

Thesis: The peace-economy nexus: evidence from the Solomon Islands

Kapila Chaminda Senanayake Maddumage

Thesis: Entrepreneurship in post-conflict Sri Lanka: micro level evidence from two cities

Baocheng Wu

Thesis: The determinants and processes of entrepreneurial emergence in the Chinese cashmere industry during economic transition

History

Graham Thomas Clews

Thesis: Churchill and the Phoney War: A study in folly and frustration

Emily Anne Robertson

Thesis: Complex Imperialism: atrocity propaganda, liberalism and humanitarianism in the British Empire and Australia during the First World War

International and Political Studies

Jared Scott Bentley

Thesis: Beginning to balance: Maritime Southeast Asia responds to the rise of China

Steven Lee Jones

Thesis: Politics, policy and procurement: Australia's procurement of the joint strike fighter

Nyi Nyi Kyaw*

Thesis: Understanding causes of human rights violations: a case study of the plight of the Rohingya in Myanmar

Kimberley Layton

Thesis: Let My Country Awake? Discovering Hindu (Inter) Nationalism in the Indian Diaspora

Michael Durant Thomas

Thesis: The securitisation of climate change in the Australian political-military sector with a comparison to the United States

Management

Tarek Ahmed Rana*

Thesis: Reducing accountability to accounting: Exploring the practices of accountability in the Australian public sector

Leanne Mary Rees

Thesis: A framework for collecting credible data in military operational environments

Morteza Saberi

Thesis: Next generation of cleansed interactive contact centre for efficient customer recognition

Southeast Asian Social Inquiry

M Falikul Isbah

Thesis: Examining the socio-economic role of Islamic boarding schools (Pesantren) in Indonesia

Fahlesa Wisa Fahru Munabari

Thesis: Islamic Activism : The socio-political dynamics of the Indonesian Forum of Islamic Society (FUI)

* Degree previously conferred.

Order of Proceedings

Wednesday 7 December, 2.00pm | Engineering, Science and Technology

ACADEMIC PROCESSION

The Academic Procession proceeds to the dais, the Assembly standing. The University Mace is carried by Emeritus Professor Roger McLean, MA N.Z., PhD McG

NATIONAL ANTHEM

Advance Australia Fair

WELCOME

The Rector of UNSW Canberra, Professor Michael Frater, BSc BE Syd, MHEd UNSW, PhD AN, FTSE

The Chancellor of UNSW, Mr David Gonski AC, BCom LLB UNSW, FCPA, FAICD

ADMISSION TO AWARDS

The Director of Academic Programs, Associate Professor Elizabeth Ritchie, BSc (Hons), PhD Monash requests the Chancellor, on behalf of the University Council, to admit candidates to awards.

OCCASIONAL ADDRESS

Mr Tom Rogers, Commissioner, Australian Electoral Commission

CONCLUDING REMARKS

The Rector of UNSW Canberra, Professor Michael Frater, BSc BE Syd, MHEd UNSW, PhD ANU, FTSE

Following the Concluding Remarks, the Assembly will stand while the Academic Procession retires. Refreshments will be served in the Academy Cadets' Mess at the conclusion of the ceremony. Photography and framing services will also be available.

Occasional Speaker

Mr Tom Rogers

Tom graduated as an officer from the Royal Military College (RMC) Duntroon in 1983 and served in a variety of military postings, including the Australian Defence Force Academy, Senior Instructor in Leadership at RMC Duntroon, and Commander of a United Nations observer mission on the Golan Heights.

After he left the Australian Army in 2000, Tom worked for Raytheon Australia, where he was a senior project manager and led the team that delivered the Sydney Olympics' major preparedness and readiness activity.

Tom also spent a number of years as the Director of Programs and then Executive Director at the Australian Institute of Police Management (AIPM). The AIPM is administered by the Australian Federal Police to deliver highly respected executive development programs for leaders and future leaders of Australasian police and other public safety organisations.

Tom was appointed the Australian Electoral Commissioner in December 2014, having acted as the Electoral Commissioner from December 2013, and previously filled roles as the Deputy Electoral Commissioner and the Australian Electoral Commission's state manager (and Australian Electoral Officer) for NSW.



Engineering, Science and Technology Awards

The candidates are presented by Associate Professor Elizabeth Ritchie.

BACHELOR OF TECHNOLOGY BTech

Aeronautical Engineering

Zachary Amos
Mitchell David Jensen

Aviation

Timothy Richard Guse

BACHELOR OF ENGINEERING BE

Aeronautical Engineering

Warren Jon Day*
Muhammad Faiz Dzafarullah
Jacob Murphy
Gary Allan Thompson

Honours Class 2 Division 2

Liam Donohoe
Joshua Grey
Dael Edward Liddicoat
Connor Stephen Wilson

Honours Class 2 Division 1

Sean Joshua Freeman
Mudassir Jan
Cameron Raymond Francis McDowall
Jason Ryan Milowski
Peter James Moore
Thomas Gordon Riches
Thomas James Ross Stenhouse

Honours Class 1

Matthew David Bell
Tyler Robert Bosch
Xavier Robert French
Zia Ul Islam
Zhenlun Eugene Luo
Shannan Don Nichols
Harry Palfrey-Sneddon
Dennis Christopher Schmidt
Matthew James Still
Aamir Wadood

Civil Engineering

Chicoutimi Done
Augustus James Hortle
Blake Joshua Lancaster
Teagan Maree Scrimgeour

Honours Class 2 Division 2

Nicholas Bunting
Jackson Harris Cail
Andrew Ha
Jonathon Keith Lowe
David Myles Newland
Daniel Kevin Teys
Peter Gilbert Robert Savy Walsh

Honours Class 2 Division 1

Cameron Alexander Laing
Maxwell Brett Morey

Honours Class 1

Brian William Duane
Kurtis Rainnie

Electrical Engineering

Stephen Michael Adcock
Samuel Clark
Logan James Ingram
Mark Daniel Paton
Jacob Pearce
Aaron Grant Turrill

Honours Class 2 Division 2

Ruby Robin Brady-Welsh
Natasha Marie Carragher Henderson
Puneet Shriyan Muddu
Matthew Mark Roberts
Adam Nathan Rogers

Honours Class 2 Division 1

Damian James Briggs
Matthew John Clark
Israel Whelan Dunk
Michael Robert Greck
Matthew John Lane
Jacob Craig Morrison
Nicholas Provis
Christian James Taylor
Darren John Wright
Thomas Shuxiang Zhang

Honours Class 1

Michael Paul Berry
Daniel Charles Garner
Christopher John Hobbs
Kien Thien Nguyen
Liana Ellen Taylor
Ricky Trevor Treloar

Electrical Engineering (Chief of Defence Force Students Program)

Honours Class 1 and The University Medal

James Henry Dannatt

Mechanical Engineering

Matt Bevan
Kaitlin Fraser Flynn
Stanford Rorke Gillespie
Joshua Hood*
Pierson Blake Moran*
Helen Tonia Nilsson
Joseph William Podger
Simon Jodie Telleria
Mathew Ryan Walker

Honours Class 2 Division 2

Danielle Austin
Darris Colin Fortescue
Nicholas James Hood
Alexander Harry Norton
Richard Phillips

Honours Class 2 Division 1

Peter James Jarvis
Christopher Matthew Walsh

Honours Class 1

Shaun Austin
Justin Wade Ryan

Mechanical Engineering (Chief of Defence Force Students Program)

Honours Class 1

Rhys Warren McCormack

BACHELOR OF ENGINEERING (HONOURS) BE(HONS)

Aeronautical Engineering

Harrison Geoffrey Mexted

Honours Class 2 Division 1

Harrison Conrad Dawes

BACHELOR OF INFORMATION TECHNOLOGY BIT

Angus Robert Boyd
Joshua James Deacon
Jarrah Steven Gosbell
Sam Hall
Dang Lan Nguyen Truong
Muhammad Suhail Shahimi
Matthew Peter Strong
Jack Virtue
Aidan Ward
Brayden Whicker

BACHELOR OF INFORMATION TECHNOLOGY (HONOURS) BIT(HONS)

Luke Walter Quinn
Hamish William Wallace

BACHELOR OF SCIENCE BSc

Fleur Marguerite Isabella Alexander
Shahril Azudean Shah Azlan Shah
Thomas Patrick Barr
Thomas Bennie
Cameron Thomas Bower*
Andrew Liam Burgess
Brendan William Callaghan
Daniel Rudd Christen
Mathilda Mary Connell
Alexander Lachlan Earle-Broadley
Tayla Catherine Garner
Max Harlen
Alexander Allan Hayman
Rebecca Hocken
Martin Hua
Sean Michael Jeal
Sam Robert Jolley
Bradley Scott Jolly
Phanurak Khemkrut
Jayden River Lee
Benjamin Robert Liddell
James Lowing
Thea Isabel Margalit
Andrey Matushevsky
Lachlan Alan Murray
Michael John O'Callaghan
Declan John O'Hara
Morgan Keldan Payne
Glenn Anthony Peebles
Samuel Francis Penfold
Chloe Doreen Pinheiro
Bianca Nicole Potter
Emily Grace Renshaw
Benjamin Michael Roberts
Michael James Savins
Riley Jacob Sidonio
Nicholas Sobolev
Jaime Maria Spragge
Syed Faris Al Sagoff Syed Feisal
Misimoa Tavete

James Tew
Jesse Fielding Thomson
Faiq Abdullah Usmani
Rhiannon Wares
Daniel James Watson
Max Barry Whiticker
Jack Woodrow

Distinction

Nicholas John Dale
Izaak Gurney
Jake Daniel Kleinschmidt
Jack Michael Stephens

GRADUATE CERTIFICATE IN ENGINEERING SCIENCE GradCertEngSc

Electrical Engineering

Stephen John McKenzie*

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY GradCertIT

Bradley Blumberg
Briar Kathrine Laurie Everson
Mark Stephen Retford*

GRADUATE DIPLOMA IN ENGINEERING SCIENCE GradDipEngSc

C4ISREW

Trevor James Corrigan

GRADUATE DIPLOMA IN SYSTEMS ENGINEERING GradDipSysEng

Catherine Ann Chalk

**GRADUATE DIPLOMA IN PROJECT
MANAGEMENT GradDipProjMgt**

Peter Goff
Tristan Francis Lodge
Paul David Screen

**MASTER OF CAPABILITY MANAGEMENT
MCapMgt**

Cameron Douglas Chapman
Marie Theresa Clutario
Edward Joseph Ellison
Lee Galbraith
Benjamin Philip Grant
Trent Ashley Groves
Joshua Luke Halloran
Andrew Patrick Harrigan
William Luke Harvey
Rendy Hendrawan
Kristy Ellen Hudson
Phillip Evan James
Richard Ernst Keller
Matthew John Kitchin
John Lennon
Darren Scott Lonergan
Rebecca Elise Marlow
Kenneth Royston Martin
William Angus McDade
Anthony Paul Mumford
Daniel Michael O'Connell
Andrew Pons O'Donnell
Scott Douglas Rayner
Heath Michael Rogers
Melanie Jane Ryan
Joel Gordon Tarleton
Ian Stuart Taylor
Han Thien Tran
Casper Jacobus Van Rooijen
Stanley Jody Shane Whymark
Anthony John Wood

Excellence

Bernard Paul Hayes
Wendy Patricia Stewart

**MASTER OF CAPABILITY MANAGEMENT
MASTER OF ARTS MCapMgt MA**

Strategy and Security

Stephen Paul Blake

**MASTER OF CAPABILITY MANAGEMENT
MASTER OF BUSINESS MCapMgt MBus**

Piotr Gajewski
Ryan Joseph Orders

**MASTER OF CAPABILITY MANAGEMENT
MASTER OF PROJECT MANAGEMENT
MCapMgt MProjMgt**

Jakob Kapelj

**MASTER OF CAPABILITY MANAGEMENT
MASTER OF SUSTAINMENT MANAGEMENT
MCapMgt MSustMgt**

Samantha Woods

**MASTER OF CAPABILITY MANAGEMENT
MASTER OF SYSTEMS ENGINEERING
MCapMgt MSysEng**

Donald Andrew Robert Baker
Brendan Gilbert

MASTER OF CAPABILITY MANAGEMENT

**Excellence
and**

**MASTER OF SYSTEMS ENGINEERING
MCapMgt MSysEng**

Excellence

Weapons and Ordnance

Charles Geoffrey Marchant

MASTER OF CYBER SECURITY M_{CyberSec}

Michael Ben Armstrong
Joanne Brennan*
Agustinus Ratno Chiu Sen
Alaa Fouad Habeb
Beini Huang
Shaun Stewart Macfadyen
Sibi Ravindran
Jeffrey Mbogo Waweru

Excellence

Simon Daniel Pollak

MASTER OF CYBER SECURITY OPERATIONS M_{CyberSecOps}

Joshua Jile Pelham
Shad James Sears
Federico Vicente Ili Capistrano Sevilla*
Vadym Shcherbakov
Robert William Smilie
Anthea Emmaline Smyth
Craig Francis Sweetman
Shaun Talbot

Excellence

Matthew Anthony Le Pavoux

MASTER OF CYBER SECURITY, STRATEGY AND DIPLOMACY M_{CS&SD}

David Samuel Brook
Matthew Scott Ryan

MASTER OF ENGINEERING SCIENCE M_{EngSc}

Adam James Goossens
Ankit Kaushik
Wojciech Jerzy Laba

Aerospace Engineering

Kirk Graham Stewart Cartwright
David John King
Rodney Charles Orrock*

C4ISREW

Cameron Lewis Porter
Kurt Stewart Hansen Simmill

Excellence

Ana Marija Pavlicic

Electrical Engineering

Matthew James Best
Paul Dicker

Simulation and Experimentation

Excellence

Jay I'aeva Nikoma Ta'Ala

MASTER OF INFORMATION TECHNOLOGY MIT

Andrew Asfaganov
Christopher Davidson Court
Adam James Dunn
Edward Charles Richard Gallaher
Daniel Rodney Hoy
Phillip James Joyce
Samuel Craig Keogh
Christopher William Frew Killen
Lauren Daina Noble
Teja Bhagwat Sethi

Excellence

Piotr Baizert
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MASTER OF PROJECT MANAGEMENT

MProjMgt

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Damien James Bignell
Robyn Ann Hilda Bryant
Matthew Robert Butcher
Timothy John Byrne*
Shannon Jane Carbone
Stuart Ross Carpenter
Matthew James Carr
Robert John Curtin
Anthony Jeffrey Chamberlin Davis
Christopher Leslie Doolin
Joel Anthony Ettridge
Shane Michael Evans
Kathryn Rebecca Ford
Nicole Francis
Monika Eve Gabrys
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Joshua Garbett
Gavin Michael Gray
Tim David Guglielmucci
Tony Hannemann
Andrew Michael Hansell
Bradley Robert Heskett
Aaron Lee Hocking
Warren Hogg
Brendan Alexander Holland
Andrew David Humphreys
Scott William Kevin Ingles
Anneke Jamieson
Christopher Raymond Jones
Matthew John Jones
Nicholas Jones
Scott Walter Keegan
Christopher Paul Kerruish
Daniel Bruce Kilpatrick
Gerard William Koen
Alexander Leonard

Guy David Lewis*
Scott James Longman
Christopher David Lowe
Angela Ruth Madden
Paul Robert Martin
Paul Jeremiah Martinovich
Andrew Lorenzo McKinnon
Patrick McLaren
Mathew William Medlin
Glen Andrew Miles
Kevin O'Rourke
Samuel Anthony Owen
Christopher James Parker
Jeremy Andrew Parkin
Paul Bo Platon-Jones*
Joshua Stephen Porter
Kate Porter
Andrew Kipling Priestley
John Andrew Pring
Alexander Ralton
Miquela Louise Judd Riley
Joshua Mark Roth
Gregory Lloyd Rowlands
James David Saltmer
Estevan Samanes
Robert Bell Seabrook
Avilash Sharma
Steven Zheng Hao Shi
Gregory Hilton Simon
Alan Stanley Sinfield
Karissa Smith
Emma Louise Stuart
Bruce Stuart TARRIER
Gabrielle Alexandra Taylor
Matthew James Travers
Golborn Christopher Turner
Daniel John Vale
Richard Edward Cameron Varvel
Jarrod Lloyd Watts
Daniel David White
Andrew John Willett

Theresa Williams
McLeod William Wood
Catherine Susan Woodward
Simon Denison Young

Excellence

Jinshan Feng
Nicholas Kempt
Nicholas Henry Samuel Mutton*
Simon Reuben O'Neill
Richard Riedel

MASTER OF SCIENCE MSc

Information Technology

Meli Vuniwiriwiri Tukuca

Operations Research and Systems

Excellence

Amelia Jean Eggerking

MASTER OF SPACE ENGINEERING MSpaceEng

Justin Allen
Cameron George Dennis
William John Heyne
Donald Matthew Moloney
Rajendran Narayan

MASTER OF SPACE OPERATIONS MSpaceOps

Excellence

Christopher James L Hewett

MASTER OF SUSTAINMENT MANAGEMENT MSustMgt

Colin Robert Blyth
Robert John Clarke
Kevin Durant

Scott Edwards
Jane Maree Hatton
Daniel Edward Hodgkinson
Jacqueline Ann Kopievsky
Patrick Bernard Larose
Henry William Marr
Brian Andrew Mills
Alison Jane Petchell
Patrick Robert Pilbeam
Patrick Stephen Andrew Wise

MASTER OF SYSTEMS ENGINEERING MSysEng

Robin James Atherton
Troy Austin
Wesley Bryce Bartlett
Amarjit Bhandal
Bryan John Brown
Steven Francis Chapman
Christian Aaron Scott Clausing
Jasmin Coric
Derek Andrew Croker
Leesa Louise Cromie
Peter Reginald Crosby
Jack Frank Cross
Thomas Henry Cross
Vu Diep
Dean Dillon*
Mark Gregory Elsegood
Harry Michael Evans
Jarrod Adam Farrelly
Glen Patrick Gallagher
Laurence Dionisios Gasparatos
Allan Geddes
Krista Nicole Geist
Matthew Ryan Godbold
James Hagan
Clinton James Hall
Timothy Peter Havord
Alex Laurie Hayward
Dean Helm

Brian James Hilliard
Jason Alan Hjorth
Emma Elizabeth Huggins
Yu-Chun Hung
Raymond David Irvine
Aditi Khanna
Brett Legg
Joseph Patrick Linehan*
Carl Edward Linkenbagh
Marc Loxton
Gareth Keri Marjoram
Michael Noel Maxwell
Elliott McCombe
Steven James McNaught
Vanya Mehrotra
Julian Mellor
Jason Middleton
Simon Timothy Moore
Vincent Scott Morris
Jason Mathew Paterson
Christopher Phoumsavanh
Daniel Steven Ronchin
Narelle Rosser
John Charles Sammons
Ryan Ettore Sandri
Robert Charles Scarbro
Bradley Ian Spencer
James Andrew Stahlhut
Matthew Allan Taylor
Shane Taylor
Elliot James Thompson
Samuel Alf Wassef
Wendy Jayne Wheadon

Excellence

Electronic Warfare

Sam Brazier-Hollins
Thabotharan Mohanakumar

Networking

Jonathan Francis George
Benjamin Stanley Gierke

Space Systems

Kelly Desker

Systems Engineering

Joshua William Allan Bowers
Paul Andrew Bruce
Simon John Calleja
Cameron Noel Fraser
Stephen John Green
Victoria Jnitova
Kerry John Mann
Benjamin Menezes
Damian Mark Richardson
Aaron Peter Thompson

Test and Evaluation

Mark Terrence McAuliffe
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MASTER OF PROJECT MANAGEMENT MASTER OF SYSTEMS ENGINEERING MProjMgt MSysEng

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DOCTOR OF INFORMATION TECHNOLOGY ITD

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MASTER OF PHILOSOPHY BY RESEARCH MPhil

Geography

Ahmed Taha Elsergany

Oceanography

Daniel Boettger
Zhixin Cheng*
Saiful Sahat Tua Marbun

MASTER OF ENGINEERING BY RESEARCH ME

Aerospace Engineering

Christopher John Kourloufas

Civil Engineering

Prabin Pathak

Electrical Engineering

Monirul Hasan

Md Alamgir Hossain

Ying Liu

MASTER OF SCIENCE BY RESEARCH MSc

Computer Science

Ismail Mohamed Ismail Ali

Rubai Amin

DOCTOR OF PHILOSOPHY PhD

Aerospace Engineering

Ping Li

Thesis: Robust sensing and control of micro aerial vehicles using a monocular camera and an inertial measurement unit

James Dudley Taylor

Thesis: Optic flow for obstacle avoidance and navigation: A practical approach

Chemistry

Pradeep Kumar Chandra Kumar

Thesis: Exploration of new cucurbit[n]uril and a novel glycoluril based macrocycle -tiara[n]uril

Nainanayake Pathirannehelage Ganga Nilmini Chandrasekara

Thesis: Study of a new process for the efficient regeneration of ion-exchange resins

Michael Patrick Cronin

Thesis: Novel supramolecular systems based on luminescent iridium(III) complexes with covalently-attached sensor functionality: synthesis, spectroscopic studies and application in explosive sensing

Chao Fan

Thesis: A study of some physical properties of concentrated salt solutions using the bubble column evaporator

Shyam Kumar Konda

Thesis: Interaction of anthracenedione compounds with DNA

Xinpeng Li

Thesis: A study on the characteristics of upflow matrix filter materials and E.coli for the treatment of domestic sewage water

Ke Ma

Thesis: A classical density functional study of ionic liquids

Fatemeh Makavipour

Thesis: A study on the removal of arsenic ions from water by surface adsorption

Muhammad Shahid

Thesis: Desalination and water treatment using the bubble column evaporator

Delin Sun

Thesis: Molecular simulations explore disruptive actions of membrane-active peptides in lipid membranes

Xinkai Xue

Thesis: A study of electrolyte effects in water treatment processes

Civil Engineering

Yifei Cui*

Thesis: Bond Behaviour between Reinforcing Steel bars and Fly ash-Based Geopolymer Concrete

Ting Huang

Thesis: Characterisation of mechanical behaviour of engineered cementitious composites under static and fatigue loading

Computer Science

Mohiuddin Ahmed

Thesis: Detecting rare and collective anomalies in network traffic data using summarization

Noha Mohamed Hamza

Thesis: Search techniques for evolutionary constrained optimization

Md Murad Hossain

Thesis: On capacity estimation and capacity-safety relationship in an air transportation network

Nizami Jafarov

Thesis: Viable enterprise service bus model

Marcus Allan Thompson

Thesis: Harmonised taxonomies of security and resilience: A suitable foundation for the security discipline

Alan Stephen White

Thesis: Tendering campaigns for strategic defence equipment

Wei Zhou

Thesis: Effective solutions for partial fingerprint indexing and multi-sensor fingerprint indexing

Electrical Engineering

Mst Nargis Aktar

Thesis: Registration and fusion of multi-modal medical images

Yi Cheng

Thesis: Distributed leader-follower control for large-scale systems

Mafruha Mowrin Hossain

Thesis: A 2D-3D image registration algorithm for kinematic analysis of natural and artificial hip and knee joints

Arash Khodaparastsichani

Thesis: Coherent quantum control design and robust performance analysis for linear quantum stochastic systems and networks

Liming Liu

Thesis: Tunable terahertz metamaterials and gradient metasurfaces

Amin Movahed

Thesis: Iterative receiver techniques for source/channel decoding using compressed sensing

Jiefei Wang

Thesis: Control of low speed flight in cluttered environments using image motion and ranging on a micro-air vehicle

Trevor Alan Wheatley

Thesis: To the standard quantum limit and beyond: Experimental quantum parameter estimation using adaptive quantum smoothing

Chengdi Xiang

Thesis: Coherent robust control for uncertain quantum systems

Geography

Julia Margarethe McQuoid

Thesis: Time, space, and everyday life with chronic illness: A qualitative case study of chronic kidney disease in Australia

Dustin John Welbourne

Thesis: On camera-trapping terrestrial squamates

Mechanical Engineering

Rosemary Barnes

Thesis: Structural design methodology for composite wind turbine blades using data mining techniques

Hu Chen

Thesis: Developments of the combined finite-discrete element model for multiscale modelling of impact fracture

Habibullah

Thesis: High-precision nan positioning control of a piezoelectric tube scanner: Atomic force microscopy

Vishal Naidu

Thesis: Four-wing flapping flight - effects of wing phasing and material flexibility on the performance in hover and forward flight

Physics

Zhenhua Hao

Thesis: Testing ideas about Australian insect migration using entomological radar observations and a regional scale meteorological model

Rajitha Papukutty Rajan

Thesis: Slow and fast light by spectral hole-burning in solid state

Qingyong Ren

Thesis: New materials for magnetic refrigeration: the magnetocaloric effect in MnCoGe-based intermetallics

Resta Agung Susilo

Thesis: Magnetic ordering in the quaternary $R_2Fe_2Si_2C$ ($R = Y, Gd - Tm$) intermetallic compounds

* Degree previously conferred.

Band, Pipes and Drums of the Australian Defence Force Academy

BANDMASTER: Warrant Officer Class Two Graeme Reynolds



When the Australian Defence Force Academy was in the latter stages of construction in 1985 the Commandant, RADM P.R. Sinclair AO, RAN recommended the establishment of the Academy's own volunteer band, which would be in accordance with the practices of military academies he had visited overseas. Once established, the band would provide the music for all the ceremonial activities and many of the functions held at the Academy. Consultation with the Directors of Music of the three services ensued and consequently, due to its larger size and broader experience base, the Australian Army Band Corps was tasked with providing a Warrant Officer Bandmaster.

The Band became functional with the arrival of the cadet population in January 1986, but at first consisted only of a Drum Corps incorporating four side drums and a bass drum. With the arrival of the Bandmaster in July of that year, a fully operational Military Band was soon established. The instruments used then, and chiefly still in use today, were donated by the professional bands of all three services.

The Band organisation now encompasses smaller ensembles, tailored to cater for the variant tastes and needs of the Academy. Since inception, the Band's ranks have included bagpipes, making it the only military unit in Australia that combines Pipes and Band on a continuous basis. Today you will see the ADFA Kilt worn proudly by the pipers and drummers. The ADFA Kilt was launched in August 2013 and the colours are indicative of the tri-service colours of the Academy.

The Band organisation of today continues to fulfil and expand the diverse ceremonial and musical requirements of the Academy, with no concessions being afforded for the extra time commitment necessary from its members. This enthusiasm, dedication and resulting excellence has seen the group earn itself the richly deserved reputation as a model for military academy bands worldwide.

The presentation today includes members of the concert band and bagpipers of the Academy.

UNSW Alumni



There are more than 281,000 UNSW graduates located in over 148 countries around the world, reflecting the progressive spirit and diversity that our University is known for.

Our alumni going on to carve out remarkable careers that effect real change in the world. They are entrepreneurs, human rights campaigners, cutting-edge scientists, inspiring artists and above all, committed to never standing still.

WELCOME TO THE COMMUNITY

As a UNSW graduate, you automatically become a member of our global alumni community. To stay in touch, you'll need to make sure we have your correct email address.

Visit alumni.unsw.edu.au/community to get started.

YOUNG ALUMNI

Staying connected to your university and classmates is never more important than in the few years following graduation. Maintaining these relationships can help you get ahead in years to come, both personally and professionally.

Join us at the regular networking drinks to stay in touch with old friends, meet new people and hear from successful graduates.

Each year we host quarterly networking drinks. Look out for an invitation in your inbox.

CONTACT US

We're always keen to hear from you so get in contact via social media, email or give us a call.

[Linkd.in/UNSWAlumni](https://www.linkedin.com/company/UNSWAlumni)

[Twitter.com/UNSW](https://twitter.com/UNSW)

W: alumni.unsw.edu.au

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Heraldic Description of Arms



*Granted by the College of Heralds, London 3 March 1952.
In 1994 the University title was added to the Arms to
create the University Symbol, shown above.*

HERALDIC DESCRIPTION OF ARMS

Argent on a Cross Gules a Lion passant guardant between four Mulletts of eight points Or a Chief Sable charged with an open Book proper thereon the word SCIENTIA in letters also Sable.

The lion and the four stars of the Southern Cross on the Cross of St George have reference to the State of New South Wales which brought the University into being; the open book with SCIENTIA across its page reminds us of its original purpose. Beneath the shield is the motto "Manu et Mente", which is the motto of the Sydney Technical College, from which the University has developed. The motto is not an integral part of the Grant of Arms and could be changed at will; but it was the opinion of the University Council that the relationship with the parent institution should in some way be recorded.

THE UNIVERSITY MACE

The Mace is a symbol of the dignity and authority of the University. Originally it was a weapon capable of breaking through the strongest armour, and, according to the Encyclopaedia Britannica, was carried in battle by mediaeval bishops so as to conform to the canonical rule that forbade priests to shed blood. Later, maces began to have a ceremonial function, though they were still intended to provide protection, usually to the king's person, and were carried by sergeants-at-arms.

The University's Mace is of simple form, constructed of stainless steel and embellished with silver. The Head, of sixteen satin-finished stainless steel ribs, is surmounted with a silver waratah, the floral emblem of the State of New South Wales, and on its horizontal bar are mounted four silver shields, two engraved with the arms of the University and two with the arms of the State. The inner core has a scarlet velvet lining.

The shaft is of eumung, a New South Wales timber, dark in colour, and terminates in a stainless steel tail. The Mace was presented to the University on 6 December 1962 by the Broken Hill Proprietary Company Ltd.

The History and Significance of Academic Dress

The history of academic dress reaches far back into the early days of the oldest universities. A statute of 1321 required that all “Doctors, Licentiates, and Bachelors” of the University of Coimbra wear gowns.

It is still a vexed question whether academic dress finds its sources chiefly in ecclesiastical or in civilian dress. Gowns may have been counted necessary for warmth in the unheated buildings frequented by mediaeval scholars, and the hood currently in use is the remnant of a garment, also a device against the cold, which could be pulled up over the head and kept in position with the tail wound around the throat. The type of academic headgear most commonly worn by graduates today is the mortar-board cap, also called the trencher cap, which dates back to the seventeenth century. It is also the custom of many universities for Doctors to be allowed to wear a distinctive type of headgear, either a round velvet bonnet or a black velvet mortar-board, with the full dress gown.

As universities developed throughout the Commonwealth countries they mostly prescribed academic costume based on that established for the members of Oxford and Cambridge Universities, where the Chancellor and often other senior members wear a distinctive official gown and hat. Graduates are identified by the wearing of a gown and hood specially prescribed for each

degree and undergraduate students wear a distinctive gown and hat.

Notwithstanding the importance of the Oxford and Cambridge tradition of the gown and cap, it is the wearing of a hood by the graduate to indicate his or her degree which is the principal feature of the academic costume code.

The tradition of wearing academic dress continues in universities around the world and it is customary, on ceremonial occasions such as the Conferring of Awards Ceremony today, that the distinctive official costume of each person concerned be worn.

UNIVERSITY MEDAL

The University Medal is recognition by the University of outstanding academic achievement at the undergraduate level. The bronze medal carries on its face an engraving of the Arms of the University and on the reverse, within a wreath of laurels, is engraved the name of the recipient.

ABBREVIATIONS OF DEGREES AND DIPLOMAS FROM UNSW

The correct abbreviations of the awards conferred at today’s ceremony are listed in the program. The abbreviation follows the name of the graduate and precedes the abbreviation of The University of New South Wales which is UNSW Australia or UNSW.

Autographs

