

2019

GRADUATION CEREMONIES

THE UNIVERSITY OF ADELAIDE



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of ADELAIDE



CHANCELLOR'S

Welcome

欢迎

On behalf of the University of Adelaide may I offer sincere congratulations to you, our new graduates.

For those returning to Singapore, you have joined a distinguished community of University of Adelaide alumni from Singapore, a community that has made a significant contribution to shaping the future of life of this nation for more than 50 years.

As a graduate of the University of Adelaide you hold a degree that is recognised and valued all around the world. Our graduates have gone on to be pioneers and leaders in many fields – from science, medicine and engineering, to law, the social sciences and the performing arts. They have won Nobel Prizes, distinguished themselves in politics and the arts, and helped to improve the lives and wellbeing of countless communities.

The University of Adelaide is proud of your achievement in completing your studies, which is the first step on what I trust will be a long, satisfying and productive career.

I take this opportunity, on behalf of the University, to thank your parents and families, whose support, and, in many cases, sacrifice, has made it possible for you to be here today.

I hope that you will always remember your alma mater with affection and that you maintain your connection with us through the External Relations Office.

My congratulations to you all.

Rear Admiral the Honourable Kevin Scarce
AC CSC RAN (Rtd)
Chancellor





Message from the
**VICE-CHANCELLOR
AND PRESIDENT**

Congratulations on graduating from one of Australia's leading universities.

This ceremony marks the culmination of years of study that now place you into lifelong membership of the University of Adelaide alumni – a group spread across all corners of the globe.

You follow in the footsteps of extraordinary individuals, including some who have redefined the world as we know it, and many others who are changing their communities for the better each day. Your University of Adelaide degree will open doors to new, transformational opportunities.

Today is about celebrating your achievements with family, friends, members of staff and fellow graduates. I strongly encourage you to maintain those professional connections you have made throughout your stay, many of them will stay with you for life.

Use your knowledge wisely, be bold and generous in the way you share ideas with others, and always be open to learning.

My sincere congratulations! You go forward today with the warmest wishes of the University of Adelaide community.

Professor Peter Rathjen
BSc (Hons) (Adel), DPhil (Oxon), Hon DLitt (Tas)
Vice-Chancellor and President

THE UNIVERSITY OF ADELAIDE

Since its establishment in 1874 the University of Adelaide has been amongst Australia’s leading universities.

Its contribution to the wealth and wellbeing of South Australia and Australia as a whole – across all fields of endeavour – has been enormous.

Studying at the University of Adelaide means being part of a rich tradition of excellence in education and research, with world-class academic staff and a vibrant student life.

Adelaide has a fine tradition of exemplary scholarship and ground-breaking research, and its unique relationship with industry and other organisations ensures that our research expertise is translated into tangible benefits for the global community.

An innovative and forward-looking university, Adelaide has major strengths in wine and food, health sciences, biological sciences, physical sciences, information technology and telecommunications, environmental sciences and social sciences.

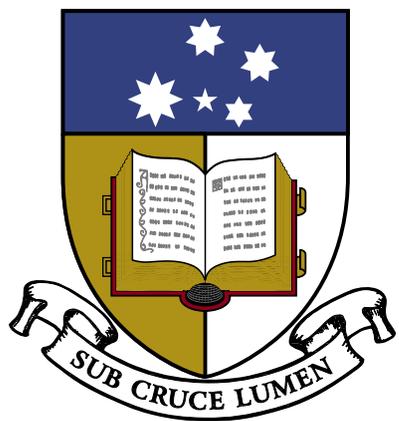
At the heart of the University’s vision, achievement and impact is our commitment to excellence, our sense that a focus on the experience of the student is fundamental, and our belief that research intensity and innovative, high quality teaching have a symbiotic relationship that underpins and characterises the finest universities in the world.

We are committed to producing graduates recognised worldwide for their creativity, knowledge and skills, as well as their culture and tolerance. Our graduates make an impact on the world.

COAT OF ARMS

The University of Adelaide’s coat of arms was granted to the University by the College of Arms, London, in 1925. It is the official symbol of the University and the stamp which ratifies every degree parchment bestowed by the University.

The crest or shield displays an open book and five stars; one of eight, two of seven, one of six and one of five points – representing the Southern Cross. A scroll containing the University’s Latin motto sits directly below the shield; *Sub Cruce Lumen*, meaning ‘The light (of learning) under the (Southern) Cross’.





UNIVERSITY MACE

The mace, originally a heavy club used as a weapon against the sword and spear, came to be borne ceremonially in the sixteenth century as a symbol of protection of the King. Subsequently it became a general symbol and warrant of office, particularly of royal and ecclesiastical office and of those institutions deriving authority from the Crown or Church.

A travelling mace was commissioned by the University of Adelaide in 2006 and designed by Adelaide based artist and graphic designer Catherine Buddle specifically for overseas graduations. The travelling mace is a stylised, contemporary interpretation of the original University mace and represents a baton, a message stick, and a scroll of documents.

The hollow cylinder, fabricated from sterling silver, is simply adorned with gold stars of the Southern Cross which appears in the University's official crest. It is made in two sections, concealed by a gold collar, which unscrews for travelling. The head end cap is inlaid with a stylised crest and The University of Adelaide is engraved around the perimeter. The Southern Cross is repeated on the end cap at the base.



ACADEMIC DRESS

Academic dress, including the full-length robe, hood and classical headwear, dates back to the medieval 12th and 13th centuries in Europe when universities, as we know them today, were developing.

The regalia were originally worn daily by university scholars for reasons of warmth and to reflect their status in society. The sense of purpose and propriety evoked by formal academic dress has ensured the tradition has been preserved over the centuries. In contemporary times, academic dress is largely reserved for graduation ceremonies and formal university events.

Gown

University of Adelaide graduates wear black gowns in the Cambridge style, with the exception of:

- Professional Doctorate and PhD candidates whose gowns are black and faced with scarlet
- Higher Doctorate and Doctor of the University candidates who wear scarlet gowns faced respectively with the colour of their discipline or ultramarine blue.

Hood

Professional Certificate and Sub-bachelor graduates do not wear a hood.

Other graduates wear a black hood that displays a colour representative of their discipline area, except that:

- Postgraduate coursework candidates wear a black hood lined in white
- Research masters wear a black hood lined in scarlet
- PhD, Higher Doctorate and Doctor of the University candidates wear a scarlet hood lined in scarlet.

Headwear

Graduates receiving a Professional Certificate, Sub-bachelor Certificate or Diploma, Bachelor, Honours, Graduate Certificate or Diploma or Masters qualification wear a black trencher cap or mortarboard.

Graduates receiving a Professional Doctorate, PhD, Higher Doctorate, Doctor of Medicine or a Doctor of the University wear a bonnet of black velvet.



*Creative Arts
and Architecture*
Cendre Green



Business
Helvetia Blue



*Engineering and related
technologies*
True Purple



Health Sciences
Eosin Pink



*Natural and
Physical Sciences*
Primuline Yellow



*Society, Culture
and Education*
Pale Violet Grey







Order of **PROCEEDINGS**

Before the ceremony a selection of instrumental music will be played.

THE ACADEMIC PROCESSION (*please stand*) will enter the auditorium.
Guests to be seated

WELCOME AND ADDRESS BY THE CHANCELLOR

Rear Admiral the Honourable Kevin Scarce AC CSC RAN (Rtd)

THE OCCASIONAL ADDRESS TO BE GIVEN BY

Professor Steven Fang PhD MBA

THE MACE BEARER THANKS THE ORATOR

Dr Abd Al-Bar Ahmed Noori Al-Farha will thank the orator

**CERTIFICATION STATEMENT BY THE DEPUTY
VICE-CHANCELLOR AND PRESIDENT (ACADEMIC)**

Deputy Vice-Chancellor and Vice-President (Academic)
Professor Pascale Quester DESCAF, M.A. (OSU), PhD (Massey), FAMI

PRESENTATION OF AWARDS BY FACULTY/SCHOOL

VALEDICTORY ADDRESS given by Dr Abd Al-Bar Ahmed Noori Al-Farha

CLOSING REMARKS given by the Chancellor

THE ACADEMIC RECESSION (*please stand*)

The academy will leave the auditorium in reverse order to that of entry.

*Guests are requested to remain standing while
the procession is leaving the auditorium.*

Presentation of AWARDS



Faculty of
**ENGINEERING, COMPUTER AND
MATHEMATICAL SCIENCES**

Presented by the Dean and Head of the
Adelaide Medical School, Professor Ian Symonds
BM BS MMedSci DM FRCOG FRANZCOG

Degree of Bachelor of Computer Science

Alphy Velliappillil Zacharias..... Computer Science

Honours Degree of Bachelor of Engineering

Wan Muhammad Electrical and
Firdaus Che Mustafa Electronic Engineering

**Degree of Master of Engineering
(Civil and Environmental)**

Aidian Lin

Degree of Doctor of Philosophy

Dr Bambang Setiawan

thesis: Quantifying the Seismic Site Amplification
Characteristics of Adelaide's Regolith

abstract: The historical seismic events suggested a seismic site amplification of up to 3.7 at Adelaide's regolith. Ambient noise method for quantifying this amplification was selected for seismically classifying the site, estimating bedrock depth and obtaining the shear wave velocity profile.

Seismic site classification of the study site was proposed. The recorded ambient noise data was also used for estimating bedrock depth. The results were validated against several previous studies.

The near surface shear wave velocities, which is crucial for quantifying site amplification, were developed and proposed. The profiles were validated against previous studies and forward modelling techniques.

Faculty of HEALTH AND MEDICAL SCIENCES

Presented by the Dean and Head of the
Adelaide Medical School, Professor Ian Symonds
BM BS MMedSci DM FRCOG FRANZCOG

Honours Degree of Bachelor of Health and Medical Sciences

Syuhada Bte Md Nor Medicine

Degree of Master of Health Economics and Policy

Panji Abdi Esa

ADELAIDE MEDICAL SCHOOL

Degrees of Bachelor of Medicine and Bachelor of Surgery

Santosh Chandra Gorantla

Yu Han Koh

Matthias Kar Ngai Lee

Zikai Lin

Malvine Phua Wei Ming

Ong Hui Yi Joanne

Rachel Loh Wei Lian

Wei Jie Tan

Teo Jian Hao Joel

Tracy Ng Si Min

Degree of Doctor of Philosophy

Dr Kartini Asari

thesis: In vitro Modelling of High-risk ALL Fusions Uncovers Genomic Alterations and Non-canonical Signalling Pathways as a Mode of TKI-Resistance - Implications for Targeted Therapy

abstract: Advancement in genomic technologies have enabled the discovery of cytokine and kinase activating lesions in high-risk acute lymphoblastic leukaemia (ALL), targetable using currently available tyrosine kinase inhibitors (TKIs). Despite proven safety and efficacy, treatment-resistance remains a significant cause of clinical relapse; a challenging issue in cancer therapy.

Using in vitro modelling, this thesis investigates the modes of resistance that may arise in Philadelphia-chromosome-like and Philadelphia-chromosome-positive (BCR-ABL1+) ALL, identifying novel and clinically-relevant genetic alterations associated with TKI-resistance.

Further discovery of non-canonical signalling mechanisms through next-generation sequencing approaches are potential avenues for development of future therapies and ultimate improvement of patient outcomes.

Dr Pradeep Paul George Gunapal

thesis: Health technology assessment of online eLearning for post-registration health professionals education

abstract: This health technology assessment addresses effectiveness, cost of online eLearning and blended learning among medical doctors and its acceptability among optometrists and opticians in a local setting. Evidence show that the technology may improve physicians' learning outcomes, however the quality of evidence is very low. There is a lack of evidence on cost-effectiveness of the technology. As such, a cost-comparison study of blended ACLS (B-ACLS) course with face-to-face course was conducted. It showed that B-ACLS course provided significant cost-savings to the provider. The thesis also assessed the acceptance of the technology to train optometrists and opticians in Singapore.

Faculty of
ARTS

Presented by the Dean and Head of the
Adelaide Medical School, Professor Ian Symonds
BM BS MMedSci DM FRCOG FRANZCOG

Degree of Bachelor of Arts

Christopher Snape..... Classics and English

ELDER CONSERVATORIUM OF MUSIC

Degree of Bachelor of Music
(*Music Performance - Classical*)

Abdul Ghani Nanou

Faculty of THE PROFESSIONS

Presented by the Dean of Business and
Pro Vice-Chancellor – Entrepreneurship,
Professor Noel Lindsay BCom (Hons),
PhD, FCPA, CA, TEP

ADELAIDE BUSINESS SCHOOL

Degree of Bachelor of Finance

Lifen Jiang

Degree of Bachelor of Commerce

Chan You Liang Nigel..... International Business
Hao Peng Liao International Business
Ng Bao Quan Davis Management
Ng Jia Qi Kelly Marketing
Nicholas Lim Tze Hwee Management
Xin Qi..... Marketing
Swee Chin Wee Marcus Management

Graduate Certificate in Management

Tze Shian Ooi

Degree of Master of Professional Accounting

Ririn Eka Mustikasari

Xinnan Yu

Degree of Master of Global Food and Agricultural Business

Mingkang Lin

Heng Sun

Degree of Master of Finance and Business Economics

Nasru Farooq

Dilan De Zoysa Siriwardana

Resti Sandy Tias

Degree of Master of Commerce

Yani Rita Rianti

Degree of Master of Business Administration

Woon Long Chan

Cheng Fanghong

Chia Kok Wee Johnny

Chai Chain Lee

Giridhara Dasappa Shriyan

Tan Hiong Hung

Degree of Master of Applied Finance

Jesly Jane Llorente

Degree of Master of Accounting and Finance

Ardian Unggul Nurkusuma

Degree of Master of Accounting

Xinxu Chen

THE ENTREPRENEURSHIP, COMMERCIALISATION AND INNOVATION CENTRE

Degree of Master of Applied Project Management (Project Systems)

Nguyen Thi Hoai An

Degree of Master of Applied Project Management

Low Chee Keong

Mohamad Idris Mohamed Yoosoof

SCHOOL OF ECONOMICS

Degree of Master of Applied Economics

Rusmawan Harry Marwoto.....Public Policy

Dimas Agung Nugraha

ADELAIDE LAW SCHOOL

Degree of Master of Business Law

Joshua Luke Smith

Hui Yang

Faculty of SCIENCES

Presented by the Dean of Business and
Pro Vice-Chancellor – Entrepreneurship,
Professor Noel Lindsay BCom (Hons),
PhD, FCPA, CA, TEP

Degree of Bachelor of Food and Nutrition Science

Choo Yeang Whei

Honours Degree of Bachelor of Science

Nabilah Abd Hafidz..... Plant Science

Nur Syuhada Khairil Anwar..... Plant Science

Degree of Doctor of Philosophy

Dr Abd Al-Bar Ahmed Noori Al-Farha

thesis: Improved Diagnostics and Further
Investigations of Bovine Mastitis Caused by Mollicutes

abstract: The ultimate aims of this study were to improve the diagnostics of mollicute-associated mastitis and confirm their pathogenic role in bovine mastitis. Microbiological and molecular techniques used in this thesis should result in improved diagnostics of mollicute-associated mastitis providing rapid and accurate screening techniques. The novel universal PCR demonstrated best concordance with species-specific PCR. The novel HRM analysis was able to discriminate between five field isolates of mollicutes. The co-infection mollicutes had a similar effect on milk composition to other major mastitis pathogens. The combination of glycerol-DMSO as a cryopreservative resulted in significantly higher recovery rates of *Mycoplasma bovis*.

Dr Muhammad Kamran

thesis: Functional Characterization of Wheat
ALMT1 Transporter and its Involvement in
Extreme pH Stress Tolerance

abstract: Plant aluminium activated malate transporters (ALMTs) are classified as anion channels. This thesis demonstrated: 1) Wheat TaALMT1 mediates GABA transport. 2) TaALMT1 acidifies an alkaline external media by release of both malate and GABA. 3) External application of high concentrations of GABA to roots inhibited growth and altered leaf gas exchange. 4) TaALMT1 may play a role in aluminium tolerance in alkaline conditions. 5) There may be complicated hormonal control over TaALMT1. A new mechanism for rhizosphere control of pH under alkaline conditions was identified that may aid development of crops for alkaline soils.

Dr Shangzhe Xie

thesis: The Physiology and Pathology of Heat Stress
in Australian Desert Birds

abstract: The inability to respond appropriately to heatwaves can be fatal to individual birds and translate into large-scale mortality events. I found that there were differences in the mRNA expression, stress and behavioural responses of psittacines, passerines and columbiformes to high environmental temperatures. Columbiformes appear to be able to continue foraging through high temperatures, possibly conferring an advantage for survival during heatwaves. I also found differences in the pathological changes in psittacines and columbiformes when exposed to heatstroke. These differences indicate that the loss of thermal refuges may contribute to the restructuring of bird communities as a result of climate change.



Join our ALUMNI COMMUNITY

Congratulations on your graduation, and on qualifying for life-long membership of an exclusive community, the University of Adelaide Alumni.

WELCOME TO OUR ALUMNI COMMUNITY

There is no greater evidence of the University of Adelaide's success than the accolades and achievements of you – our alumnus.

As a graduate of the University of Adelaide, you are part of our distinguished institution's family and have a qualification from one of Australia's leading universities, which ranks in the top one per cent in the world.

You are now part of a fellowship which stretches across over 134 countries worldwide, and includes some of Singapore's most notable figures including the fifth President of Singapore the late Mr Ong Teng Cheong, successful businessman Dr Cheong Choong Kong, and the seventh President of Singapore Dr Tony Tan Keng Yam.

As part of the University family you receive professional support throughout your career, access to lifelong learning and a community to share and celebrate your achievements. Becoming part of our alumni community unlocks access to a range of opportunities and benefits including:

- **Adelaide University Alumni Association Singapore (AUAAS)**

Continue your connection and interaction with alumni in Singapore and the University by joining the Adelaide University Alumni Association Singapore (AUAAS). Becoming part of the AUAAS can lead to personal and career development through a range of events and activities, and helps to maintain as well as forge new friendships and networks in Singapore. To join AUAAS, please email alumni@adelaide.edu.au

- **Reunions**

The University of Adelaide sees thousands of graduates pass through its doors every year and we are always delighted to see our alumni return. Reunion events invite all alumni – students and staff alike – to revisit the people and the places that made their time at the University of Adelaide unique. We can assist when organising your own reunion and contacting lost alumni.



- **Alumni Council**

As an Alumnus of the University you have the right to vote or nominate members for the Alumni Council which represents the views of our global alumni community. The Council fosters alumni interest and goodwill by encouraging intellectual and emotional ties with the University.

- **Publications**

The University offers a range of diverse and informative publications to keep you informed. Enjoy sharing in the achievements of our graduates and University news in our biannual alumni magazine *Lumen* and read our bi-monthly e-newsletter for a snapshot of the latest news and events.

- **Alumni awards**

Our alumni continue to make an impact on the world and their noteworthy accomplishments benefit both society and our campus community. We are proud to celebrate and acknowledge these achievements each year through our alumni awards.

SUPPORT YOUR ALMA MATER

You can help others gain access to the same education you have had by supporting the University. Donations and gifts help others realise their potential and access the transformative effect of a university education. Support in all forms, no matter how big or small, is valued and will have a lasting impact on students and researchers.

The University also partners with our alumni and stakeholders in industry, government and the community. We work together on programs like internships and scholarships to deliver highly skilled graduates into the workforce. We also attract investment and research funds to find sustainable solutions to the most challenging problems of our time. We are a proud and active supporter of our local, national and international communities.

To partner with the University or to make a gift, please visit adelaide.edu.au/engage or telephone +61 8 8313 5800.

KEEP IN TOUCH

You will soon receive your alumni membership card and a welcome letter with details on how you can stay in touch with us. Updating your details and preferences ensures you stay connected with the University and enables you to manage the information and publications you receive from us. Alumni membership is free and open to all graduates of the University of Adelaide.

To find out more about our alumni program:

Telephone: +61 8 8313 5800

Email: alumni@adelaide.edu.au

Website: www.adelaide.edu.au/alumni

