

UNIVERSITY OF WOLLONGONG



**GRADUATION CEREMONY**

2.30 pm, THURSDAY, 6 OCTOBER, 1994

IN

THE UNION HALL

SCIENCE, INFORMATICS & HEALTH AND BEHAVIOURAL SCIENCE



#### ARMS OF THE UNIVERSITY

The principal elements incorporated in the Arms of the University are the blue of the sea, the gold of the sand and the red of the Illawarra flame tree. The open book often used for educational institutions has also been included.

The blazon is: "Azure a Book expanded Argent bound and clasped Or on a Chief of the last three Cinquefoils pierced Gules".

#### THE UNIVERSITY MACE

In the medieval tradition, the mace is a symbol of the University and the Chancellor's authority as its head, and is carried before the Chancellor on formal occasions such as graduation ceremonies. It is carried on the right shoulder of the mace bearer.

The University of Wollongong mace is constructed from stainless steel and the head is a stylised form of the Illawarra Flame Tree flower from the University's coat of arms. The exterior surface of the mace has a rough finish, symbolising the heavy industrial area of Wollongong, whilst the stamen of the 'flower' is smooth and highly polished to indicate the University's position as a centre for the city and the region. The mace also contains three timber inserts made from one of the three original Moreton Bay figtrees which were a feature of the campus and were estimated to be 500 years old.

The mace was both designed and made by Gino Sanguineti, a local artist, and presented to the University in 1988.

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## ORDER OF PROCEEDINGS

### THE PROCESSION AND OPENING

The Congregation is requested to stand as the procession, including the Academic Staff, the Council and the Chancellor, enters the Hall.

#### PROCESSIONAL ANTHEM

*Gaudeamus Igitur*.....Traditional

NATIONAL ANTHEM.....Advance Australia Fair

*The University Singers and Creative Arts Vocal Ensemble*

Conductor: *David Vance, BA(Hons)(NSW), BMus(Hons)(Syd), LMusA, Music Development Officer, University of Wollongong.*

#### CHORAL ITEM

*Sea Children*.....Sarah de Jong\*  
(words by Randolph Stow) (b.1952)

*Creative Arts Vocal Ensemble*

*\*Sarah de Jong was composer-in-residence in the Faculty of Creative Arts earlier this year.*

The Chancellor, The Honourable Dr R M Hope, AC, CMG, LLB(Syd), Hon LLD (W'gong), will open the proceedings.

### CONFERRING OF DEGREES AND AWARDING OF DIPLOMAS

Candidates will be admitted to degrees and awarded diplomas by the Chancellor. The Congregation may applaud as the name of each graduate is announced.

#### MUSICAL INTERLUDE 1

*Winter from The Four Seasons, Op.8 no.4*.....Antonio Vivaldi (1678-1741)  
*Largo; Allegro*

*Dionne Baker, violin; David Vance, piano*

#### MUSICAL INTERLUDE 2

*Duet for Two Cats*.....Gioacchino Rossini (1792-1868)

*Gabriel Griffiths, Nella Magnante, sopranos; David Vance, piano.*

## OCCASIONAL ADDRESS

Professor Charles Watson, BScMed(Hons)(Syd), MB BS(Syd), MD(UNSW), FAFPHM, will deliver the Occasional Address.

Professor Charles Watson joined the University as Dean of the Faculty of Health and Behavioural Sciences in March this year. After holding senior academic appointments, Professor Watson pursued a distinguished career in public health administration. Prior to his appointment at the University of Wollongong, he was Manager of the Commercial Services Unit in the Health Department of Western Australia.

## THE THANKS

The Pro Vice-Chancellor (Academic), Professor C Ewan, will move the vote of thanks.

## CONCLUSION

The Chancellor will close the proceedings.  
The Congregation is requested to stand as the procession retires.

## RECESSIONAL FANFARE

*Four Shapes*.....*Mitchell Whitelaw*

*Recorded by Phillip Slater and Graeme Hickey, Trumpets; Mitchell Whitelaw and Tara Fermor, Trombones.*

## FACULTY OF SCIENCE

### Bachelor of Environmental Science

Oliver John Wady

### Bachelor of Science

Fiona Lee Bleakley  
Kylie Jane Bond  
Natalie Fleuren  
Troy Gill  
Susanna Louise Harvey

Fiona Elizabeth Koller  
Belinda Alison Leo  
Nathan Brett Matthews  
Louise Moller  
Katherine Louise Tyree

### Bachelor of Science (Honours)

Janet Marie Bartolo (Class I)  
Brett O'Sullivan (Class II, Division 1)  
Andrew Dennis Reid (Class II, Division 2)

### Master of Arts (Honours)

*Department of Geography*

Stephen James Meredith

### Master of Science (Honours)

*Department of Geology*

Akbar Shakouri  
Abolfazl Soltani

*Department of Physics*

Graeme Patrick Melville

### Doctor of Philosophy

*Department of Chemistry*

Hossein Otaghsaraei Eisazadeh  
Thesis: "Design and Production of Novel Conducting Polymer Colloids"

Young-Joon Lee  
Thesis: "Combining Capillary Electrophoresis and Mass Spectrometry for the Characterisation of Humic Acids"

Abdolreza Mirmohseni  
Thesis: "Electro-Separations Using Conducting Polymer Membranes"

*Department of Geography*

Kenneth John Page

Thesis: "Late Quaternary Stratigraphy and Chronology of the Riverine Plain, Southeastern Australia"

*Department of Geology*

Bukin Daulay

Thesis: "Tertiary Coal Belt in Eastern Kalimantan, Indonesia: The Influence of Coal Quality on Coal Utilisation"

Chairul Nas

Thesis: "Spatial Variations in the Thickness and Coal Quality of the Sangatta Seam, Kutei Basin, Kalimantan, Indonesia"

**FACULTY OF INFORMATICS**

**Bachelor of Computer Science**

Pauline Anne Eaton  
Linda Maree Hennessy  
Jeffrey Howells  
Sheyne Caroline Kirby  
Atsushi Kobayashi  
Cristobal Merodio  
Giovanni Orlandi  
Robert Roy Pittana

Matthew Haydon Robinson  
Paul Roland Schwarzl  
Fiona Lee Sebbens  
Phillip Sgangarella  
Lee Lorraine Smith  
Colin Ian Spargo  
Selin Tang  
Darren Paul Watchers

**Bachelor of Engineering**

*Computer Engineering*

Wayne Jefferson Doust  
Neil Kenneth Jones

Hoang Dung Le  
Phong Vu

*Electrical Engineering*

Ladan Bayati  
Boon Chan  
Kevin Andrew Hibbins

**Bachelor of Engineering (Honours)**

*Electrical Engineering*

Tasos Savva (Class II, Division 2)

**Bachelor of Information Technology and Communication**

Arshad Amir  
Janita Daya  
Asif Mahmood Mohammed

Claudia Toseska  
Wong Fan Wing

**Bachelor of Information Technology and Communication (Honours)**

Kim Dung Anna Nguyen (Class II, Division 1)

**Bachelor of Mathematics**

Jeffrey John Bendeich  
Graham John Bock  
Edward Ming Yin Chu  
Scott Michael Faddy  
Michael David Fitzpatrick

Antonios Galaxidis  
Carl Jonathan James  
Jonathon Malcolm Ladmore  
Serioja Niazi  
Matthew Stein

**Graduate Diploma in Science (in Computing)**

Michael John Di Leva

**Master of Computer Science**

Gordon Cheng  
Daraius Edibam  
Hong Tak Fung  
Gupte Rahul  
Dinesh Kini

Santosh Kulkarni  
Anuradha Nagalla  
Dung Phan  
Meng-Ku Yn

**Master of Engineering Studies**

*Electrical & Computer Engineering*

Ngai Chong  
Joseph Fisher  
Biren Gandhi  
Mohsen Kahani

Hasan Rawanduzy  
Mahmoud Saleh  
Gunawan Sidabalok  
Jyotindra Trivedi

## Master of Information Technology and Communication

Anita Kwek  
Wing Shan Vendy Kwok

Yahya Amin Mohammad Salah  
Jane Lan Sun

## Master of Information Technology and Communication (Honours)

David John Harvey  
Michael Savanis

## Master of Engineering (Honours)

*Department of Electrical & Computer Engineering*

Md Fakhrul Islam  
Ali Yazdian Varjani

## Master of Science (Honours)

*Department of Computer Science*

Duraiappan Chenthurvasan  
Anish Mahesh Mathuria  
Anoop Kumar Trivedi

## Doctor of Philosophy

*Department of Electrical & Computer Engineering*

James Phillip Andrew  
Thesis: "Subband Analysis Structures and Filters for Still Image Compression"

## FACULTY OF HEALTH & BEHAVIOURAL SCIENCES

### Diploma in Nursing

Anne Maree Bruton  
John Paul Felvus

### Bachelor of Arts

Enia Maria Ornelas Caires  
Nicholle Louise Cousins  
Kelly Joy Eagleton  
Kim Louise Graham  
Shannon Lee Haney  
Gareth Sion Jenkins  
Matthew David Jones  
Yin Fun Leung

Yollette Lilian George Lowe  
Lai Sim Mak  
Penelope Jane Mansell  
Allison Morag Rankine  
Leeanda Carrol Smith  
Kerrie Jane Tierney  
Narelle Maree Wiebe  
Lauretta Elizabeth Wilson

### Bachelor of Nursing

Ruth Marita Bain  
Graeme Phillip Bell  
Jennifer Marie Budd  
Janine Megan Chapman  
Iain Patrick Crawford  
Jennifer Louise Curtin  
Mavis Anne Hayes  
Hsi-Hsien Huang  
Hui Fang Lee  
Belinda Joy Mackenzie  
Rebecca Arlene Mogford

Lisa Maree Parsons  
Rebecca Anne Perry  
Karen Sonia Richardson  
Marcus Robson  
Tonia Russo  
Kim Shanahan  
Leanne Sharp  
Abbe Spencer  
Pin-Chin Sung  
Janet Elizabeth Todd

### Bachelor of Science

David John Bentley  
Narelle Veronica Chrystal  
Jane Rebecca Greenfield  
Amelia Shann Howland  
Sherin Ibrahim  
Mushrifah Bte Mohamed  
Adam David Orvad

Andrea Faye Pearson  
Kara Louise Ward  
Adrian Victor Stewart Williams  
Mark David Williams  
Mei Marjorie Wong  
Rachel Deborah Young  
Jun Zhu

### Bachelor of Science (Honours)

Craig Dennis Garrett (Class II, Division 1)  
Andrew James Mark (Class II, Division 2)  
Marilyn Georgina Rudd (Class I)

### Graduate Diploma in Nursing

Pei Ling Lin  
Saomalie Miriam Nonu

### Graduate Diploma in Public Health

Judith Louise Calf

### Graduate Diploma in Science

Christian Gareth Barnes  
Steven Michael Blinman  
Jeffrey Murray Hardcastle  
Christine Muller

Fiona Lynne Robbins  
Louise Justine Taylor-Maisey  
Christina Wright

## Master of Nursing

Zahra Hajitaheri  
Bangorn Ruanjsri

## Master of Public Health

Trevor Richmond Dunn  
Fereshteh Farhang Kermani

Lino Lee Floro  
Maria Therese Newcombe

## Master of Science

Savita Balgovind  
Tara Lee-Anne Bube  
Sheila Ellen Colfer  
Karen Elizabeth Christian  
Glenn Edward Doney  
Michelle Frances Ekerick  
Sarah Anne Hann  
Sally Melinda Hughson

Maria Blanchette Mark  
Lisa Jane Mcpherson  
Joanne Mary McGoldrick  
Annette Therese Moore  
Sharon Margaret Nicholls-Zancolich  
Allison Gai Shorten  
Amy Mei Yuen Yeung  
Duncan Warlters

## Master of Arts (Honours)

*Department of Psychology*

Jeremy Paul Freeman

## Doctor of Philosophy

*Department of Biomedical Science*

Graeme James Maw  
Thesis: "Human Body-Fluid Distribution: Postural, Thermal, and Exercise Stress"

*Department of Psychology*

Steven John Dawson  
Thesis: "Transient System Dysfunction, Visual Masking and Neuropsychological Models of Attention Deficit Hyperactivity Disorder (ADHD)"

Angelos Kaissidis  
Thesis: "Sources of and Responses to Acute Stress in Sport as a Function of Selected Personal Dispositions, Situational Appraisals, and Cultural Differences"

Barry Michael McNamara  
Thesis: "Changing the Public Attitude Towards Psychologists"

## NOTES

### DEGREES CONFERRED BY THE UNIVERSITY COUNCIL SINCE THE MAY 1994 GRADUATION CEREMONIES

#### Doctor of Philosophy

Constance Faye Hill (Management) 12 August 1994

Heather Lorraine Spence (History & Politics) 12 August 1994

#### Master of Engineering (Honours)

Kelvin C Maliti (Electrical & Computer Engineering) 10 June 1994

#### Master of Science (Honours)

Kirsten Ann Steiner (Biological Sciences) 10 June 1994

### AMENDMENTS TO THE MAY 1994 GRADUATION BOOKLET

The following graduates' names were not included in the May 1994 booklet:

#### Master of Commerce

Daengdej Jirapun

#### Bachelor of Commerce

Jennifer Helen Korth

#### Bachelor of Arts

Ngoc Thanh Nguyen

The following graduates' degrees should have been awarded with Honours:

#### Bachelor of Engineering

Shane Francis Booby (Class III)  
Jari Pettar Hyvarinen (Class I)  
Lip Hen Teh (Class I)

### **THE CEREMONY OF GRADUATION**

The University of Wollongong has offered university studies for more than 30 years and is known for its energy and innovation in fields ranging from creative arts to communications technology. This University looks towards the 21st century but, in the customs and ceremony of a graduation, it asserts its inheritance from the first Universities of the 12th and 13th centuries. For nearly 900 years, universities have educated and trained leaders of society and produced ideas and instruments of great social and scientific change. Yet, they proudly retain medieval traditions which still visibly celebrate both the achievements of the scholar and graduate and the universities' long commitment to the search for knowledge.

The academic titles and terms of address, the music and, especially, the academic dress distinguish and colour a graduation ceremony. The gowns are modified versions of medieval university dress: all masters and scholars were then members of the clergy. This university has chosen blue gowns for all diplomas and for the Bachelor and Masters degrees. The hoods, originally a useful head cover, are lined with different coloured silks and trims to denote the type of award – for example, the Bachelor of Arts hood is lined with gold silk and the Commerce hood with emerald green. The degree graduates wear blue, tasselled trenchers or mortar boards which were introduced in 17th century Oxford and Cambridge.

The dress for the doctoral degrees of Doctor of Philosophy (PhD) and Doctor of Creative Arts (DCA) is distinguished by red facing on the blue gowns and black velvet Tudor Bonnets with a red tassel for the PhD and a blue one for the DCA. The higher doctorates of Science, Letters and Laws have red gowns faced with blue and a Tudor bonnet tasselled with silver, gold and purple respectively.

The Chancellor, gowned in black brocade trimmed with gold lace and braid, is the chief dignitary and leader of the university community. The Chancellor presides over meetings of the Governing Body, the University Council, and confers degrees and diplomas in Council's name.

A graduation ceremony is in many ways an historical pageant but is above all a celebration of individual achievement and the continuing role of the university.