The University of Newcastle

Conferring of Degrees

FACULTY OF ECONOMICS AND COMMERCE
FACULTY OF SCIENCE AND MATHEMATICS

Friday 12th May, 1989
2.30pm
THE ARMS OF THE UNIVERSITY OF NEWCASTLE

The Arms of the University, granted in 1965, are based upon those of the Shortland family. This is appropriate as it was Lieutenant John Shortland, R.N., who discovered the entrance to the Hunter River where Newcastle now is. On 9th September, 1797, Shortland was pursuing escaped convicts when he entered the river. At the foot of the cliffs on the island lying off the river entrance, Nobbys, his men found coal. The mineral was first shipped from “Coal Harbour” in 1799. The harbour became Port Hunter and the town was named, in 1804, after the then Secretary of State for The Colonies, Lord Newcastle. The site on which the University has been developed is in Shortland. For those interested in heraldry the inscription on the Crest of Arms is:-

Azure a Sea Horse naiant in dexter chief a representation of the constellation of the Southern Cross of five Mullets all Argent.

ORDER OF PROCEEDINGS

The Congregation stands as the Procession enters the Hall.

The National Anthem

The Chancellor, The Honourable Justice Elizabeth Evatt, A.O.

The Dean, Professor F. L. Clarke, will present the candidates for admission to honorary degrees in the Faculty of Economics and Commerce.

Professor W. P. Hogan will deliver the Occasional Address.

The Dean, Professor, F. L. Clarke will present candidates for admission to degrees in the Faculty of Economics and Commerce.

The Dean, Associate Professor B. A. Engel, will present candidates for admission to degrees in the Faculty of Science and Mathematics.

A graduate will speak on behalf of the graduates.

The Vice-Chancellor, Professor K. J. Morgan.

The Congregation stands as the Procession leaves the Hall.

Organist: Michael Dudman
PROFESSOR WARREN PAT HOGAN
MA(NZ), PhD(ANU)

Presented for admission to the Honorary Degree of
Doctor of Science
by the Dean of the Faculty of Economics and Commerce,
Professor F.L. Clarke

Chancellor,

Today, the University honours a most distinguished scholar in the discipline of Economics, Warren Pat Hogan, who has applied his scholarship in pursuit of world-wide economic problems in general and those of Australia in particular. As a Professor of Economics he has brought to countless students in Australia and overseas the benefit of his scholarship and experience. By personal example he has demonstrated to his peers and academic staff privileged to work under his supervision, the professionalism and academic verve, scholarly values and perspectives, which characterize a university.

Following his high school education at New Plymouth Boys High School, New Zealand, Warren Hogan commenced his university career obtaining a Master of Arts degree at Auckland University College, New Zealand, followed by a Doctor of Philosophy degree conferred by the Australian National University. Thereafter a distinguished academic career ensued. His rapid progression through academic ranks in indicative of the quality of his scholarship and the recognition given to his research: from 1958 to 1960 he was a Lecturer in Economics in this University; Senior Lecturer during 1960 and 1961, and Associate Professor in Economics from 1961 to 1963. In 1963 he was appointed to a Chair in Economics in this University which he occupied until 1968, when he accepted the Chair in Economics at The University of Sydney he currently occupies. During 1964 he was the Simon Fellow at Manchester University. In 1983 he was the Visiting Professor of Economics at the University of California, Irvine.

Professor Hogan's academic career has been highlighted by his untiring dedication to excellence in the teaching and research of the discipline of economics. His dedication to this cause has found expression in his many contributions to scholarly journals and the hardback literature on economics in general, and monetary economics in particular. Especially notable and the object of wide acclaim is his The Incredible Eurodollar (1982, 1983, and 1984). His development of curricula, exciting teaching of economics and supervision of postgraduate students, has inculcated the academic virtues of persistence, rigour, self discipline and independence in the pursuit of understanding and truth.

Warren Hogan has always been a university man. In the best tradition he has responded to the needs of his University, his peers and the wider community: by using his skills in, and - dedicating a considerable amount of his time to, the administration of academic affairs; by professing his knowledge and understanding of his discipline to the wider community, participating in public debate on complex and contentious economic issues so that a better lay understanding might be achieved; and, through service to Government, industry and commerce. To this end, during 1956 and 1957 he served on the Council of the Australian National University; officiated as Dean of the Faculty of Economics in this University during its formative and difficult years, from 1963 to 1968, was President of the New South Wales Branch of the Economic Society of Australia and New Zealand in 1970 and 1976, served on the Australian Population and Immigration Council from 1976 to 1981, and was a member of the Australian Manufacturing Council from 1977 to 1982 and the Australian Population and Ethnic Affairs Council in 1982 and 1983.

In the business community his acumen is acknowledged both in Australia and overseas. His capacity for applying the products of his research in the unpredictable national and international business environment has brought wide public recognition. Accordingly, he served on the prestigious World Bank Staff during 1971 and 1972 with distinction, thereby enhancing the reputation of the quality of economic expertise and research in Australia. The Australian banking industry now benefits directly from his specialist knowledge, by virtue of his appointment as a Director of the Westpac Banking Corporation in 1986.

Warren Hogan is an outstanding academic, the product of whose
scholarship and research in economics has been conveyed to peers, students, the business community and the lay public, with forthright honesty, yet with sensitivity to social and political implications. Whereas his contribution has been world-wide, today, we should be particularly mindful of its impact on the study and research of the discipline of Economics in this University.

Chancellor, it is with great pleasure that I present to you Warren Pat Hogan for admission to the Degree of Doctor of Science honoris causa.

THE HONOURABLE MR JOHN VARNUM, AM

Presented for admission to the Honorary Degree of Doctor of Science by the Dean of the Faculty of Economics and Commerce, Professor F.L. Clarke

Chancellor,

John Varnum is a Member in the general division of the Order of Australia, Deputy President of the Industrial Commission of New South Wales, Regional Member of the Industrial Commission of New South Wales, Chairman of the Hunter Area Health Service Board, Member of Convocation of the Hunter Institute of Higher Education, Patron of the Hunter and Northern Kidney Foundation, Patron of Hunter 2000, Community Representative on the Hunter Postgraduate Medical Institute Board, Chairman of the proposed Diocese of Maitland Education Commission, a foundation member and (since 1983) Chairman of the Newcastle Branch of the Industrial Relations Society of New South Wales, and holds committee and executive positions in numerous other community and service organisations.

He spent his childhood in Singleton and left school at the age of 15 to supplement the family income. His industrial relations skills emerged during volatile industrial climate of the late 1950s and 1960s. As Brambles' job delegate to the Transport Workers Union (from 1962) he initiated major industrial changes in shiftwork and overtime distribution, thereby reducing stoppages from several a month to nil in 1964. At the age of 27 he was elected Secretary of the Transport Workers' Union of New South Wales, being one of the youngest full-time Trade Union secretaries in Australia at that time.

As a full-time official of the Transport Workers' Union he initiated, or was closely associated with, many innovative changes in Australian industrial relations practice: the use of shiftwork to provide more effective services and consolidation of industry awards; the negotiation of retirement benefit funds with transport companies, two decades before superannuation scheme became
commonplace; and, for example, the development and introduction of industrial relations mechanisms by which the causes of the dislocations to the transport industry during the late 1950s and early 1960s, were eliminated. He instigated and husbanded the passage of numerous separate industrial agreements. Particularly significant being that which resulted in the introduction of the first privately owned coal loader in NSW, now the Port Waratah Coal Services, which enjoyed thereafter a 17 year strike-free operation and was the catalyst for further development in the Hunter Valley coalfields. A unique feature of his professional life has been the way in which he has drawn upon his industrial experience to create opportunities for community service; the seminal example is the creation of the “volunteer brigade” through which transport workers and companies have contributed their labour and capital to provide services to the area’s disadvantaged groups.

John Varnum was the first Newcastle trade unionist to be awarded a Churchill Fellowship, which enable him to study Trade Union Law, Economics, Psychology and History, at the Harvard University School of Business Administration in 1973, following which he received a Fullbright Scholarship. He also has studied industrial relations at the postgraduate level at The University of Sydney.

In 1980 his success and innovative flair in industrial relations was rewarded when the Government of New South Wales appointed him a Conciliation Commissioner. Under Commissioner Varnum, industrial agreements covering construction sites developed by virtue of cooperation elicited between employer and employee groups, the Labor Council of New South Wales and the Newcastle Trades Hall Council, projects worth over six billion dollars were completed in the Newcastle and Hunter area, on time and within budget. In February 1987 he was appointed Deputy President and Regional Member of the Industrial Commission of New South Wales, the only appointment to be made outside the Sydney Metropolitan area. In June, 1988, these achievements were recognised further when Her Majesty the Queen bestowed upon him the honour of Member, Order of Australia.

John Varnum is a Novocastrian who has made an outstanding contribution to the industry and commerce of Australia and who has employed his skills with flair and compassion, for the benefit of the people of Newcastle and the Hunter.

Chancellor, it is with great pleasure that I present to you John Varnum for admission to the Degree of Doctor of Science *honoris causa*. 
FACULTY OF ECONOMICS AND COMMERCE

Presented by the Dean of the Faculty of Economics and Commerce, Professor F.L. Clarke

BACHELOR OF COMMERCE

Andrew Norman Hawkins
Kristine Liane Hazell
Heng Jee Ling
Alison Mary Hollis
Jane Linda Howarth
Melinda Gai Hughes
Karen Ann James
Philip William Jewell
Michelle Tracey Jones
Trevor Raymond Jordan
Glenn Leslie Kellow
Brett Stephen Kelly
Martin Robert Kelly
Richard John Kelly
Suelynn Kent
Catherine Frances Kiczynski
Walter Pio Kmet
Slave Konjarski
Christopher Matthew Laffey
Diane Elizabeth Lancaster
Mark Latham
Law Grace Wai Chun
John Michael Lawson
Lie-Widpjoo Swan Tjie Conny
Lim Kok Sim
Lim Lai Hiang
Lim Shih Yang
Lo Susie Suk Jin
Gregory Stephen Lourey
Claudio Luca
Cedric Francis Manen

Nigel John McDermott
Barry John McGaw
Roderick Hugh Miller
Mok Geraldine Ann Shit Fah
Derek Anthony Murray
Ng Kiat Guan
Ng Sew Foon Annie
Ngow Nyuk Lian
Nik Soh Nik Nor Azman
Ong Daisy Peck Lian
Ian Pam
Steven John Pendlebury
Phan Anh Viet Philippe
Susan Maree Prichard
Shane Russell Prince
David William Pring
Paul Clifford Quinn
Michelle Nannette Rampin
Iain Duncan Robertson
David Paul Rundle
Mark William Seaman
Tony Secreti
Siman Arifin See Kim An
Doug Separovic
Mark Thomas Smith
Stephen Sydneym Smith
Sng Gek Hiang Jessie
So Connie Wai Kwan
Paul Dennis Southwell
Tjahjadi Tjandranegara Souw
Jo-ann Clair Suchard
BACHELOR OF ECONOMICS

Andrew Laurie Adam
Nigel Geoffrey Bailey
Angus Birch
Peter George Clark
Catherine Alexandra Clifford
Adam Grant Cougle
Lisa Helen Glover
John Edward Hickey
Michelle Jillian Horner
Chanelle Maree Hughes
Gregory Gerard Johnston
Alexandra Lim Mui Hoon
Edward Robert Listorti
Ian James Mackay
Adam Dominic McIntosh
Ng Shin Hing

Canadian Geoffrey Bailey
Angus Birch
Peter George Clark
Catherine Alexandra Clifford
Adam Grant Cougle
Lisa Helen Glover
John Edward Hickey
Michelle Jillian Horner
Chanelle Maree Hughes
Gregory Gerard Johnston
Alexandra Lim Mui Hoon
Edward Robert Listorti
Ian James Mackay
Adam Dominic McIntosh
Ng Shin Hing

Bartholomew Frederick
Dowling, Economics — Honours
Class I

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MASTER OF BUSINESS ADMINISTRATION

Maurice John Berry, BE
Graham Russell Chester
Chia Pang Hua, BE
Glenn Albert Hunter Evans, BE(NSW)
Peter Lamont Foster, BE(NSW)
John Wallace Gambrill
Steven Paul Gorton, BE
Michael Alan Grieve, BA(McGill Canada)
Heng Hock Heng, BE
Paul Douglas Keogh
Stephen Robert Klyen, BE(NSW)

Law Moon Tong, BE
Michael James Moloney
Mui Ki Wood Paul,
MSc(Belfast)
Devendra Pandaram,
BA(U South Pacific)
Keith Robert Randall,
BSurv(NSW)
Alan Thornton, ME
Ting Seng Woon, BCom
Gregory John Tolmie, BCom
Brian White, BSc,
PhD(Birmingham UK)

MASTER OF COMMERCE

Department of Commerce

Brian Gibson, BCom, MBA
Thesis: Supply Considerations in the Business Relationship Between Practising Accountants and Their Small Business Clients

DOCTOR OF PHILOSOPHY

Department of Economics

Mohammad Alauddin, MA(Rajshahi University Bangladesh), MEc(Adelaide)
Thesis: The Green Revolution in Bangladesh: Implications for Growth, Distribution, Stability and Sustainability

Rajasundram Sathiendrakumar, BSc(Agric)(Ceylon), MA(Econ)(Manchester UK)
Thesis: Artisinal Fisheries, Tourism and Development: Economic Analysis of the Maldives and Fishing Boat Mechanization
AWARD OF DIPLOMAS

DIPLOMA IN MANAGEMENT
Graeme Colin Caddy, BE
David Lindsay Hale, BE
Philip Anthony Hofman
Robert Learmouth
David Murray Macdonald, MTech(Brunel UK)
Neil William Naismith, BE

DIPLOMA IN TAXATION STUDIES
Rosanna Rossi, BCom

FACULTY OF SCIENCE AND MATHEMATICS

Presented by the Dean of the Faculty of Science and Mathematics,
Associate Professor B.A. Engel

BACHELOR OF MATHEMATICS
Wayne Robert Anderson
David Robert Arthur
Linda Anne Berthon
Boon Bee Hin Susanna
Antony James Childs
Savannalack Choummavong
Timothy James Crisp
Thi Gia Tram Davis
Herman Herad Doko
Lynnette Ann Groves
Janelle Herd
Ian Robert Holgate
Huynh Suy Quan
Julius Jusman
Michael John King
Andrew James Laird
Luke Richard Stuart Lake

BACHELOR OF MATHEMATICS (HONOURS)
Chan Yiong Huak, BMath, Mathematics — Class II, Division I
Kathryn Elizabeth Gross, BSc, Mathematics — Class II, Division I
Scott David Sciffer, BMath, BE, Mathematics — Class I
Tang Sai Pun, BMath, Statistics — Class I

Lam David Chun Choi
Teresa Margaret McDonald
Rudy Muljadi
Ng Cher Wah
Nguyen Thi Anh Dao
Christine Desiree Nathalie
Parfait
Jennifer Anne Pattenden
Gary Allan Riseborough
Stephen Ryan
Reginald James Schmarr
Geoffrey Mark Sherring
Jane Amelia Sherring
Su Siew Kiong
Fatima Tjong
Veronica Jane Wiley
MASTER OF MATHEMATICS

Department of Mathematics

Brett Andrew Davis, BMath

Thesis: Differentiability Properties of Distance Functions on Normed Linear Spaces

PRIZES

FACULTY OF ECONOMICS AND COMMERCE

The Shell Prize in Economics and Commerce
John Lonergan

The C J Chandler Memorial Prize
Vicki Jenkins

Department of Economics

The Morison Prizes in Economics:

1st Year
David Standen

2nd Year
Janelle Chalker

3rd Year
Wylie Bradford

4th Year
Bartholomew Dowling

The Universities Credit Union Shared Prize in Quantitative Methods
Michael McFayden

Jane Murray

Janelle Chalker

Wylie Bradford

Bartholomew Dowling

The A J Day Memorial Prize
Bartholomew Dowling

The Australian Finance Conference Prize
Elizabeth Bareham

The Economic Society Prize
Bartholomew Dowling

The Hunter Valley Social Science Teachers' Association Prize
Anthony Webber

The V W Turnbull Prize in International Economics
Wylie Bradford

The Newcastle Branch of the Industrial Relations Society Prize for Industrial Relations II
Mark Herrett

The Industrial Relations Society of NewSouth Wales Prize for Industrial Relations III
Jacqueline Walker
Department of Commerce

The BHP Company Prize in Accounting I
Katrina Logue

The Coopers and Lybrand Prize
Thuy Fong Wai

The Universities Credit Union Prize in Commercial Electronic Data Processing
Katrina Logue

The Corporate Affairs Commission Prize
Jennifer Hollow

The P D Henderson Memorial Prize
Sew Foon Annie Ng

The Tubemakers of Australia Ltd Prize
Katrina Logue

The Australian Society of Accountants Prizes
1st Year
Katrina Logue
Accounting IIA
Mark Hutchison
Accounting IIIA
Paul Dixon

The William Forsythe Prize in Auditing
Gregory Lourey

The Bain Company Prize in Business Finance
Kevin Young

The Price Waterhouse Prize in the Diploma in Taxation Studies
not awarded

The Institute of Chartered Accountants (Newcastle Branch) Prize in Financial Accounting
Kevin Young

The Commonwealth Bank Prize
Grace Law

Department of Law

The Newcastle Law Society Prize
Suzanne Murphy

The S D Lindgren Memorial Prize
John Lonergan

The Hunter Valley Law Society Prize
Gaylene Kennedy

Department of Management

The Universities Credit Union Prize in Information Systems
Thuy Fong Wai

The Louis and Marjorie Karpin Memorial Prize
Steven Gorton

The Konica Business Machines Prize in Marketing Concepts and Strategies
Swee Eng Chen

The John Storey Memorial Awards in:
Entrepreneurial Management Shared
Kebra Batman
Management of Information Shared
Keith Brown
Management and Organisational Development
David Stonehouse
Small Business Management
Steven Gorton

The Commonwealth Steel Shared
Company Limited Prize
Vincent Fester

The Institute of Chartered Accountants (Newcastle Branch) Prize
Peter Austin

The Margaret Pitcher Prize in Mathematics I
Kerri Hall

The Margaret Pitcher Prize in Mathematics II
not awarded

The Mathematics Prize in 2nd Year Mathematics
Anthony Murnain

The Mathematics Prize in 3rd Year Mathematics
Peter Austin

Digital Prize in Statistics and Computing Shared
Jason Flood
Kerri Hall
Peter Long
Gary Whybin

The Huldah Turner Prize for Mathematics
Bee Hin Susanna Boon
The Great Hall

The Great Hall was designed by Architects Ancher, Mortlock, Murray & Woolley, and was the winning entry in an architectural competition. The Auditorium seats 1,450 people and the stage can accommodate a full Symphony Orchestra. The stepped ceiling of the Auditorium rises to over 19 metres and is lined with Brush-Box timber from the New South Wales north coast. The acoustic screen at the rear of the stage uses similar boarding.

The Great Hall was officially opened on 20 November, 1973. The project cost $1.3 million, more than half of which was donated in response to the Lord Mayor's Great Hall Appeal.

The Conn electronic pipe organ was made in the United States of America, and is the only one of its type and size outside that country. A wide range of music, from religious to avant-garde is played on the organ.

The lecterns on the stage were made by the Sydney woodcraftsman Leon Sadubin from Australian Blackwood (Acacia melanoxylon).

Some of the University's works of art are on display in the foyer and environs of the Great Hall, others are located in the Auchmuty Library and academic buildings.

On the wall to the east of the stage is a stainless steel emblem of the University's Coat of Arms which was made by the Sydney designer Michael Santry. This was originally mounted above the entrance to the McMullin Building and was relocated in 1979.

The applique banners over the entrance doors to the Auditorium are by Newcastle artist Rae Richards. The banners facing into the Auditorium represent Arcadia on the left and on the right Academia. From the Foyer the banner over the right hand door is Bright Sun and over the left is Tree of Life.

The stained glass panels over the Convocation Doors at the main entrance into the Foyer were created by A. C. Handel and donated by the Joint Coal Board. They depict the Faculties of the University, and the Coat of Arms of the University and the City of Newcastle.

The large woven tapestry on the Foyer wall opposite the Convocation Doors, by Mary and Larry Beeston, is called Procession and is appropriately based on academic gowns worn at Graduation.

The bronze sculpture on a pedestal in the garden to the left of the main entrance to the Great Hall is by Marilyn McGrath, and is an abstract interpretation of growth from a single cell. It is entitled Nucellous.

To the right of the main entrance in the corner of the upper terrace stands a recently acquired work by the late Otto Steen. It is a large head in terracotta and was made available to the University by the artist's widow, Mrs Irene Steen.