The University of Newcastle

Conferring of Awards

Saturday 12th May, 1990
10.00am

FACULTY OF EDUCATION
SCHOOL OF HEALTH

Saturday 12th May, 1990
2.30pm

SCHOOL OF HEALTH
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 University Choir: Conductor, Peter Brock.
The Congregation stands as the Procession enters the Hall.
The National Anthem sounded on the Organ and sung by the Congregation.
The Chancellor, The Honourable Justice Elizabeth Evatt, A.O.
The Vice-Chancellor, Professor K.J. Morgan, will present the candidate for admission to the honorary degree of Doctor of the University.
Professor C.C. Renwick, A.O., will deliver the Occasional Address.
The Dean, Dr. S.F. Bourke, will present the candidates for admission to degrees and the award of diplomas in the Faculty of Education.
The Head of the School, Ms J. Graham, will present candidates for admission to degrees and diplomas in the School of Health.
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.
The Procession will retire, followed by the Graduates, the Congregation standing.
Morning tea will be served in the Union building.
Organist: Michael Dudman
CHARLES CYRIL RENWICK, AO, MEc(Syd)

Presented for admission to the
Honorary Degree of Doctor of the University
by the Vice-Chancellor, Professor K.J. Morgan

Chancellor,

Charles Cyril Renwick has made contributions to the life of Australia, New South Wales, the Hunter and the University of Newcastle which are unique and could only have come from one who saw his chosen craft of Economics as the means to apply art and science to the improvement of society. This image of Economics, far removed from that of the Dismal Science, is proper for a man who is both a self-confessed incurable optimist and is blessed with an unending and insatiable passion for the arts. This combination, with his outstanding professional abilities, with a sense of absolute intellectual pitch and with a delight in elegant and precise use of language, ensured that Professor Cyril Renwick would achieve a career of distinction. That events enabled him to do so in the Hunter is a matter in which we can take much satisfaction.

Cyril Renwick was born on 17 May, 1920. He was educated at Gosford High School, obtaining the New South Wales Leaving Certificate in 1938 with first class honours and first place in the State in English. He proceeded to the University of Sydney. The excitement of encountering J.M. Keynes “General Theory” at school had provided both inspiration and intellectual challenge, more than sufficient to commit Cyril Renwick to a degree in Economics and what he has described as “a great thrilling adventure” began.

He was awarded first class honours in Economics and then completed a Master of Economics degree. After a necessary but brief period in the Army he was appointed in 1944 to the staff of the University of Sydney as a lecturer, where amongst his publications was a book of considerable influence, “The Economic Pattern” (1950). In 1953 he moved to become Associate Professor of Economics in the then New South Wales University of Technology, now known as the University of New South Wales. Having arrived at Ultimo, the Head of the Department of Economics asked the new Associate Professor to go to Newcastle, there to help establish the School of Economics and to teach Economics for the new Arts degree in the Newcastle University College.

The early months and years of the University College were a time of intense activity with teaching and design of academic courses, creation of all the activities essential to the well-being of the College, and furious debate on development of the College to the full University so ardently desired in the city and the region. The two initial professorial appointments, Cyril Renwick and James Auchmuty, then the Associate Professor of History, were both heavily involved in all aspects of these activities. Student affairs were not excluded — to Cyril Renwick must be attributed responsibility for the creation of OPUS in August 1954, the formation of the Film and Recorded Music Societies — the latter controlled with characteristic authority; and for contribution of sketches to the University Revue. He was a strong supporter of the College teams and Vice-President of the Rugby Club.

In academic matters, Cyril Renwick was an outstanding member of the University College. With a reputation as the best economist in the country, he brought a standard of scholarship and commitment to research which led to the formation of a group of enthusiastic students and colleagues. The prescription for the School of Economics in the Handbook of the University College bears a characteristic imprint.

“The demand for persons trained in the methods of economic analysis is considerable . . . The study of Economics gives an understanding of the workings of modern society and develops the habit of rigorous analysis . . . The curricula are designed . . . to make it possible for a specialist training in Economics to be combined with the study of Philosophy, History, English and Psychology and such essential subjects as Accounting, Statistics and Commercial Law.”

As a lecturer, Cyril Renwick was superb. He acquired a high reputation amongst Newcastle students as a teacher and as he has said “When I left undergraduate teaching, a large void opened in my life.”

Research too was part of those early years with publications from Renwick himself and his colleagues who included a young Teaching Fellow, B.J. Gordon figuring prominently in the College’s records.

But life was not easy, even in 1954. In the Tighes Hill College, then the location of the University College, space was at a premium with only twenty-nine offices for fifty-six staff. Space was found for an ingenious machine, MONIAC, which demonstrated the effects of economic variables by the flow of coloured water, a device enjoyed more by the engineers than the economists. Professor Renwick was privileged to share an office in the space provided for part-time technical teachers to sign on. His personal library of some 5000 books remained in boxes. Perhaps not surprisingly by the end of March in that first year he was asking to be relieved of duties and either allowed to return to Sydney or to resign.

It is the good fortune of the University, the City and the Region that he was allowed to do neither.

For in the following year, 1955, there occurred a sequence of events which were to have lasting significance. First there came in February the disastrous floods which destroyed life and property, submerged whole communities and devastated the economy to an extent without parallel until the earthquake in 1989. Those floods provided dramatic evidence of the need for knowledge and understanding of the region. It revealed the need for research to provide this knowledge and understanding. The idea
of the Hunter Valley Research Foundation was first publicly propounded by Professor Renwick at a meeting in Maitland Town Hall in 1955. The original idea of research into the water and other physical resources of the Valley was soon expanded to cover the total social, physical and economic resources of the Region. It was the first Research Foundation and remains pre-eminent in the study of regional science in Australia. Its creation, survival and success is the work of Cyril Renwick.

In 1955 he undertook the responsibility of Director of Research initially on a part-time basis and with this assumed responsibility for raising the necessary funding. Conventional wisdom suggested that for financial security the Foundation should be funded by interest on a capital sum. The scope of the work implied a scale of research which would have needed a huge capital sum, in the region of $2 million. Cyril Renwick rejected this approach. The alternative of a modest beginning which might subsequently burgeon was equally rejected. Both the scale of research and its scope were imperatives. And so he began research and fund raising as continuing activities of the Research Foundation. Without doubt the decision was correct: any other approach would not have allowed the Research Foundation to develop as it has.

The initial research programme inevitably concentrated on water resources and availability. But in addition to studies of rainfall, river flow and control they broadened to include studies of silt carried into Newcastle Harbour. A totally novel technique of radioisotope labelling identified patterns of siltation and opened the way to effective deepening of the harbour from 15 feet to 15 metres and to reclamation of Kooragang. The research itself grew to recognise the inter-relation of water, agriculture and minerals, as the three major natural resources of the Hunter. From this came the realisation that the economic base was larger than the river catchment and so the Hunter Region became identified. It is perhaps not entirely accidental that the Hunter Region, with the largest GNP of any region in Australia, with its rich endowment of resource, industry, trade and people, has proved the ideal location for the Research Foundation.

None of this development would have occurred without the success of Cyril Renwick in raising funds for the Foundation. He has some notoriety in pursuing his objectives in this regard, a reputation which with modesty he deprecates, noting merely that he devoted not much more that one day a week to this crucial task. Funds were found from the State Government, from Local Government and from private sponsors: no money from the Commonwealth found its way to the Research Foundation. The Sydney lunches of the Research Foundation became major events in this programme. The continuing concern was to ensure a strong and continuing commitment from the State, the Region and above all the individual sponsors to the work of the Foundation.

An important physical manifestation of the Foundation was the Research Centre itself. This was created in Maryville on what was a completely barren site — christened “Cyril’s circus at Mudville” by his academic colleagues. Today this is transformed, starting with vast amounts of fill for the foundation provided by B.H.P. and followed by a programme of planting which still continues. There has been created an ideal environment for the Foundation, its staff and its library.

The original intention had been to establish the Foundation within the University College. Unhappily, the attitude of the University of New South Wales was less perceptive than it should have been and formal links between the Foundation and the University of Newcastle have only appeared in recent years, with first Professor Carter as Chairman and now the shared appointment of Professor McShane and much joint research. Professor Renwick, having resigned from the University in 1960 to work fully for the Research Foundation, was increasingly in demand from the State of New South Wales, advising the Government on decentralisation (1963-65), advising the Premier on the Hunter Region (1977-86), as a member of the Newcastle Regional Development Committee (1960-72), of the Submarine Task Force (1985-86) and still as a member of the Local Government Grants Committee and Trustee of the Art Gallery of New South Wales. He served in many other capacities: notably as a Chairman of the N.S.W. Advisory Committee for the A.B.C. (1964-75), as a member of the Royal Commission into F.M. Broadcasting (1973-74): his involvement with radio continues in his capacity as Chairman of the Board of 2NUR-FM. He returned to the academic world as a Fellow of the Senate of the University of Sydney (1976-82) and then happily in succession as a member of the Councils of Newcastle College of Advanced Education (1979-81) and most recently a member of the Council of the University of Newcastle.

It is without surprise that we note he was appointed an Officer of the Order of Australia in 1983.

Cyril Renwick has contributed fully to the life of this State and especially to this Region. His achievements are rich and reflect his own view of life. Some years ago he suggested a suitable motto to be

Scientia non satis set

which he translates as

There is more to life than the physical things of this world.

His own career demonstrates the implications of such a thought.

It is my privilege to present for the award of the Degree of Doctor of the University

Charles Cyril Renwick, Officer of the Order of Australia, Master of Economics.
MORNING GRADUATION CEREMONY
SATURDAY 12 MAY
10.00AM

FACULTY OF EDUCATION
DIPLOMA IN EDUCATION
BACHELOR OF EDUCATIONAL STUDIES
MASTER OF EDUCATIONAL STUDIES
MASTER OF SPECIAL EDUCATION
DOCTOR OF PHILOSOPHY

SCHOOL OF HEALTH
ASSOCIATE DIPLOMA OF SOCIAL WELFARE
BACHELOR OF SOCIAL SCIENCE
(WELFARE STUDIES)

FACULTY OF EDUCATION
Presented by the Dean of the Faculty of Education, Dr. S.F. Bourke

DIPLOMA IN EDUCATION

John Harold Adcock
Wayne Robert Anderson
Kathryn Elaine Andrean
Brett Andrew
Maria Andriopoulos
Marianne Terese Ayre
Lyndell Joy Bailey
David John Barrett
Robert John Beardmore
John Christopher Berry
Darren Bruce Bird
Geraldine Anne Blanshard
Marita Ann Branley
Melissa Jane Brenton
Stephanie Lee Bretherton
Jacqueline Carol Britten
Lisa-Maree Browning
Denise Toni Buckley
Steven Cameron Burke
Peter Grant Butler
Janet Louise Butters
Annette Gai Callister
Jane Ellen Chidgey
Margaret Lillian Mary Corcoran
Timothy James Crisp
Susan Jean Curtis
Elaine Jean Davey
Daniela Della Grotta
Lisa Jane Dickinson
Kim Maree Dixon
Dale Francis Dobie
Belinda Jane Dodds
Bernadette Dorfling
Natalie Jane Downing
Natalie Sue Edwards
Narelle Lynne Flint
Anita Foley
Jennifer Anne Forester
Jamie Stephen Fotheringham
Bronwyn Goble
Jane Elizabeth Gressier
Robert John Hanks
Shane Joseph Hanley
Lance Gordon Hawkins
Monica Evelyn Hercock
Karlene Maree Holz
Jane Elizabeth Horsley
Jennifer Elizabeth Huett
Loretto Mary Hughes
Audrey-Anne Hyland
Janina Kik
Lam Hoi-Sang
Gavin John Lang
Belinda Lawson
Amanda Jane Leach
Sheryl Anne Livesley
Ian James Mackay
Michael Julian Maher
Lisa Maree McAuliffe
Jody Ann McElhone
Pamela Margaret McFadyen
Sharon Lee McFarlane
Gabrielle Anne McHugh
Elizabeth Anne McMahan
Julia Carol McNeill
Susan Janet Medd
Robyn Lesley Morgan
Brooklee Joyann Morris
Ross John Morrow
Jane Louise Mosman
Rosemary Ann Moyle
Alison Murphy
Colin Richard Noud
Mark Joseph O'Neil
Tony John Podolsak
Ann Marree Price
Maria-Teresa Reay
Angela Helen Rees
Terri-Anne Robertson
Kellie Maree Robinson
Reginald James Schmarr
Paul Joseph Scobie
Stephen Paul Seaborn
Amanda Jane Serrano

Michelle Laurice Shell
Christopher John Sinclair
Toni Lee Smith
Violetka Stojkovski
Anne Louise Sturt
Vanessa Louise Thorn
Julie Thornton
Julie Ann Townsend
Sally Elizabeth Trimmer
Jennifer Gai Walsh
Lee Weale
Anita Kaye Webster
James Arthur Whiting
Grant Williams
Jennifer Anne Williams
Catherine Anne Wills

BACHELOR OF EDUCATIONAL STUDIES

Peter Charles Beaton
Valda Astrid Blair
Jennifer Lynette Blake
Evan Scott Campbell
Baden John Colliss
Helen Gordon
Kerry Anne Harding
Hope Denise Hardy
Neville Bruce Hopper
Mary Lynette Karpiel

Luba Anne Koschenow
Janine Elizabeth Lavender
Morelle Joyce Makinson
Christopher James Marley
Jacqueline Ann McAtamney
Sharon Rochford
Marie Saraceno
Graham Richard Snell
Barbara Telfer
Owen Lindsay Williams

MASTER OF EDUCATIONAL STUDIES

Colleen Veronica Bracher
Merle Evelyn Bruce
Donald Edward Cohen
Michael John Coughlan
Frances Violet Cummings
Fay Lorraine Driver
Mark Fleming
Jacqueline Veronica Groom

Pamela Marie Hayes
Kenneth Bruce Helyard
Merryn Patricia Henry
Eric Donald Judd
Janet Newton Kelett
Darryl Leonard Kent
Gerard Joseph Mowbray
Glenda Gladys Riach

Monica Agnes Skehan
Anne Louise Spruce
Kenneth John Sutton
Merren Kaye Thomas

MASTER OF SPECIAL EDUCATION

Ian James Dempsey
Nerida Anne Nowland

DOCTOR OF PHILOSOPHY

Department of Education

John Maurice Schiller, B.A.(Adel.), M.Ed.(Alberta)
Thesis: The Primary School Principal: The Relationship Between Principal Interventions and Teacher Implementation of Computer Education

Neville John Schofield, B.Div.(Qld), M.Ed.Stud., M.Ed.
Thesis: Cognitive Processing in Map Reading: Abilities, Preferences and Training

Thesis: Safety Education for Primary School Children: Knowledge, Behaviour and Attitudes
SCHOOL OF HEALTH

Presented by the Head of the School, Ms. J. Graham

ASSOCIATE DIPLOMA OF SOCIAL WELFARE

Lynn Maree Barnett          Annissa Mathews
Carol Dawn Bissett          Karin McCalden
Robynne Black              Naomi Louise Mitchell
Jodie-Lee Anne Carleton    Susan Ng
Brynley Neil Coan          Vern Osborn
Dianne Lesley Drelincourt  Catherine Maree Owen
Lucinda Jane Dummer        Michael John Parker
Thomas Henry Easton        Helen Petrina Pettiford
David Kevin Everitt        Stephen Patrick Pilgrim
Fay Denise Exton           Wendy Margaret Raine
Deborah Anne Fraser        Shane Anthony Reed
Jacqueline Fraser          Virginia Alarcon Rupek
Leyanne Therese Frazer     Paul George Edwin Schott
Barbara Grivas             Karen Joyce Scott
Denise Hodgson             Yvonne Maree Serhan
Merilee Anne Hudson        Samuel John Daryl Smith
Gary Joseph Jolliffe       Mel Mary Stace
Sandra Mary Jones          June Lynette Wakefield
Christopher Peter Kelleher  Sally Anne West
Jacqueline King            Catherine Frances Woods
Carolyn Gay Lindsay        Mary Elizabeth Workman
Edith May Marsh

BACHELOR OF SOCIAL SCIENCE (WELFARE STUDIES)

Michelle Maree Bovell     Gayle Francis Tieman
Barbara Gail Forward      Doris Maureen Turner
James McMullen            Joji Vakacereivalu
Joyce Cherie Paul         Helen Eileen Wilkinson
Stanley Gordon Rippon     Lynette Iris Wilkinson
Helen Patricia Stein      Raymond John York

AFTERNOON GRADUATION CEREMONY
SATURDAY 12 MAY
2.30PM

SCHOOL OF HEALTH
DIPLOMA OF APPLIED SCIENCE (NURSING)
DIPLOMA OF ADMINISTRATION (NURSING)
BACHELOR OF HEALTH SCIENCES (NURSING)
ORDER OF PROCEEDINGS

Members of the University Conservatorium Choir:
Conductor, Michael Dudman, Dean of the Faculty of Music.

The Congregation stands as the Procession enters the Hall.

The National Anthem sounded on the Organ and sung by the Congregation.

The Chancellor, The Honourable Justice Elizabeth Evatt, A.O.
Dr. Owen James will deliver the Occasional Address.

The Head of the School, Ms J. Graham, will present candidates for admission to degrees and award of diplomas in the School of Health.

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.

The Procession will retire, followed by the Graduates, the Congregation standing.

Afternoon tea will be served in the Union building.

Organist: Michael Dudman

SCHOOL OF HEALTH

Presented by the Head of the School, Ms J. Graham

DIPLOMA OF APPLIED SCIENCE (NURSING)

Gregory Ian Anderson
Alison Maree Asbury
Jillian Louise Ashbridge
Beverley Joan Aust
Stacey Margaret Barton
Lisa Ann Bates
Jacqueline Anne Bedding
Simon John Beiers
Elena Ana Bennett
Sandra Gaye Bertram
Leanne Margaret Bird
Louise Helen Bishop
Deborah Marilyn Bonning
Michelle Ann Boshier
Trina Elizabeth Bowerman
Frances Leanne Bowtell
Stacey Louise Boyd
Cindy Anne Bradford
Leanne Bradford
Glenda Lee Brann
Fiona Jane Buckman
Rachael Elizabeth Budge
Katharine Bullen
Colleen Joy Burns
Jennifer Louise Burrows
Craig Robert Butler
Kathleen Caelli
Karen Lee Cairney
Theresa Mary Callaghan
Dean Cameron
Angela Therese Cappello
Natallie Anne Carr
Narelle Barbara Catford
Linda Lea Cawley
Chai Linda Lee Feng
Chan Mei Lin
Chan Shuk Wah
Chan Mei Yee
Chan Suk Kuen
Chan Tan Tan
Chan Vincent Kwok Yau
Jayanthi Glory Chandran
Chang Amelia Siu Fung
Chang Bo Kyung
Kathryn Anne Chapman
Francis Patrick Chaston
Cheng Wun Ling
Chow Charlene Yu
Chow Martha Siu Lan
Chung Kitty Yuen Yee
Debbie Ann Clark
Karen Gaye Cole
Veronika Angela Cowan
Patricia Wendy Crosby
Yvette Lynn Cross
Jennifer Anne Currey
Keryl Ann Dallinger
Leigh Frances Darcy
Jenny-Jane Darvall
Kerr An Davidson
Maria-Gorretti Davis
Lisa Colleen Delazzari
Cecilia Fiona Di Filippo
Susan Jane Donaghey
Sharron Maree Dormor
Wendy Jane Doyle
Julie Louise Tait
Tam Pui Ngor
Sharon Louise Taylor
Peter John Teekens
Jill Suzanne Thiessen
Robert Lee Thomson
Deborah Anne Tinlin
Mary-Anne Tongue
Sharon Trappel
Tsang Ching Yee
Kelly Jane Turner
Kim Jocelyn Usher
Melissa Jane Van Buuren
Vanessa Jo Wadds
Elizabeth Adell Walker
Kathleen Mary Walsh
Judith Anne Watson
Vicki Lee Weaver
Barbara Jeanette Wells
Leisa Jane Wells
Dana Elizabeth West
Noelene Joyce White
Louise Elizabeth Whyte
Susan Leigh Whyte
Christine Wiersma
Catherine Ann Wilcock
Jennifer Gai Willis
Wong Mary Siu Che
Wong Patricia Yuet Ngor
Victoria Christina Wray
Yau Heung Wan
Yeung Grace Sau Ping
Yeung Kit Fong
Yeung Pauline Pui Yin
Simon James Young
Anastasia Zissis

DIPLOMA OF ADMINISTRATION (NURSING)
Julianne Buckley
Judith Joy Cornish
Norma Bertha Hudson
Rosemary Anne O'Keefe
Eugene Raymund Quinn
Christine Margaret Sharkey
Kim Sue Gyu Hyun
Lee Hyun Eui
Lee Jean Jin
Ng Frances Esther Yuk Ying
Donna Maree Preston
Siu Frances Yuk Big
Nicole Still
Patrice Marian Sweeney
Robyn Elaine Wilkin
Valma Bremmell Wood

PRIZES

FACULTY OF ARCHITECTURE
The Board of Architects of NSW Prize
The N B Pitt - RAIA Newcastle Division Prize
The Neville Clouten Architectural Synthesis Prize
The RAIA Annual NSW Chapter Prize
The Sydney C Morton Prize
The Newcastle Gas Company Prize

FACULTY OF EDUCATION
The Psychology in Education Prize
The Institute of Educational Research Prize
The Margaret Auchmuty Prize
The Department of Education Staff Prize
The Minor Thesis in Educational Studies Prize

FACULTY OF ENGINEERING
The Engineering Fraternity Prize
The Australian Water and Wastewater Association (Newcastle Group) Prize
The Institution of Engineers Australia (Newcastle Division) Prize
The Australian Corrosion Association (Newcastle Branch) Prize
The Institution of Chemical Engineers (NSW Group) Prize
The Newcastle Chemical Engineering Group Prize
The BHP Company Prize in Chemical Engineering
The Spruson and Ferguson Prize in Chemical Engineering

Not Awarded

Michael Joseph Ostwald
Tan Chye Hin
Christopher Charles Tucker
Michael Joseph Ostwald
Chan Hou Thong
Neville John Schofield
John Maurice Schiller
Neville John Schofield
Susan Elizabeth Carter
Judith Catherine Smith
Neil Andrew Petherbridge
Darren Mark Bailey
Richard James Mazzaferrri
Katherine Anne Holmes
Tracey Ann Day
Peter Douglas Dennis
Paul Anthony Jakes
John Lenis Lerch
Department of Civil Engineering and Surveying
The Australian Photogrammetric Society Prize
Darren James Lewis
The Association of Consulting Surveyors NSW Prize in Land Studies
Darren James Lewis
The Board of Surveyors Medal
Darren James Lewis
The Institution of Surveyors Australia Hunter-Manning Group Prize in Surveying
Adam Victor Smith
The Tony Herzog Award
Peter Gordon Ward
The Hunter District Water Board Gold Medallion
Peter Gordon Ward
The James Hardie Water Resources Engineering Prize
Peter Gordon Ward
The ACSE Prize in Structural Engineering
Peter Gordon Ward
The BHP Company Prize in Civil Engineering
David Robert Sparkes
The Hot-Dip Galvanising Prize
Timothy Ives Harrold
The Spruson and Ferguson Prize in Civil Engineering
Peter Gordon Ward
The Metal Building Products Manufacturers’ Association Prize
Peter Borelli
Navdeep Singh Brah
Anthony Robert Dockrill
Andrew Thomas Jones
Peter Gordon Ward
Damien Richard Zammit
The Astley Pulver Prize for Second Year Surveyors
Trent Matthew Seale

Department of Civil Engineering and Surveying
The Australian Photogrammetric Society Prize
Darren James Lewis
The Association of Consulting Surveyors NSW Prize in Land Studies
Darren James Lewis
The Board of Surveyors Medal
Darren James Lewis
The Institution of Surveyors Australia Hunter-Manning Group Prize in Surveying
Adam Victor Smith
The Tony Herzog Award
Peter Gordon Ward
The Hunter District Water Board Gold Medallion
Peter Gordon Ward
The James Hardie Water Resources Engineering Prize
Peter Gordon Ward
The ACSE Prize in Structural Engineering
Peter Gordon Ward
The BHP Company Prize in Civil Engineering
David Robert Sparkes
The Hot-Dip Galvanising Prize
Timothy Ives Harrold
The Spruson and Ferguson Prize in Civil Engineering
Peter Gordon Ward
The Metal Building Products Manufacturers’ Association Prize
Peter Borelli
Navdeep Singh Brah
Anthony Robert Dockrill
Andrew Thomas Jones
Peter Gordon Ward
Damien Richard Zammit
The Astley Pulver Prize for Second Year Surveyors
Trent Matthew Seale

Department of Mechanical Engineering
The Ernest J Egan Prize
Christopher John Brucki
The Les Gibbs Prize for Creative Design
Matthew Eric Bechly
Gary Raymond Whybin
The Morison Prizes in Mechanical Engineering
Shared
Junior Prize
Paul Raymond Ebert
Senior Prize
Russell James Davies
The W E Clegg Memorial Prize
Russell James Davies
The BHP Company Prize in Mechanical Engineering
Stuart Bruce Lee
The Spruson and Ferguson Prize in Industrial Engineering or Mechanical Engineering
Not Awarded

FACULTY OF ECONOMICS AND COMMERCE
The Shell Prize in Economics and Commerce
Donald Lambert Watson
The CJ Chandler Memorial Prize
Helen Louise Symonds

Department of Economics
The Morison Prizes in Economics:
1st Year
Sally Ann Cowling
Maxwell John Shirley
Jeffrey Robert Mepham
2nd Year
Joann Yvonne Condon
Tamara Lea Keniry
3rd Year
Ross Anthony Barry
Annette Elizabeth Beacher
4th Year
Wylie Douglas Bradford
Anthony Garnett Webber
The Universities Credit Union Prize in Quantitative Methods
Shared
Paula Elizabeth Jarvie
The AJ Day Memorial Prize
Quentin John Croft
The Australian Finance Conference Prize
Paula Elizabeth Jarvie
The Economics Society Prize
Shared
Wylie Douglas Bradford
Anthony Garnett Webber
The Hunter Valley Social Science Teachers’ Association Prize
Annette Elizabeth Beacher
The VW Turnbull Prize in International Economics
Ross Anthony Barry
The Industrial Relations Society of New South Wales Prize for Industrial Relations II Suzanne Kay Murphy
The Newcastle Branch of the Industrial Relations Society Prize for Industrial Relations III Mark Francis Herrett

Department of Commerce
The BHP Company Prize in Accounting I Maxwell John Shirley
The Coopers and Lybrand Prize Gaylene Dawn Kennedy
The Universities Credit Union Prize in Commercial Electronic Data Processing Yu Ming Yap
The Corporate Affairs Commission Prize Shared
The PD Henderson Memorial Prize Malcolm Luke St Hill
The Tubemakers of Australia Ltd Prize Gaylene Dawn Kennedy
The Australian Society of Accountants Prizes:
  1st Year Accounting IIA Stuart Barry Bailey
  Accounting IIIA Grant Andrew Richardson
  The William Forsythe Prize in Auditing Paul Andrew Tattersall
The Bain Company Prize in Business Finance Lisa Jane Phillips
The Price Waterhouse Prize in the Diploma in Taxation Studies Peter John Bowles
The Institute of Chartered Accountants (Newcastle Branch) Prize in Financial Accounting Not Awarded
The Commonwealth Bank Prize Malcolm Luke St Hill
RA Derkenne Prize in Commerce Grant Andrew Richardson

Department of Law
The Newcastle Law Society Prize Nicolas John Foster
The SD Lindgren Memorial Prize Not Awarded
The Hunter Valley Law Society Prize Katrina Louise Logue

Department of Management
The Universities Credit Union Prize in Information Systems Richard Andrew Newell
The Louis and Marjorie Karpin Memorial Prize Swee Eng Chen

Department of Statistics
The Statistical Society of Australia Prize in Statistics IV Stephen Ryan

FACULTY OF SCIENCE AND MATHEMATICS

Department of Mathematics
The Margaret Pitcher Prize in Mathematics I Teresa Gay Bates
The Margaret Pitcher Prize in Mathematics II Kerri Anne Hall
The Mathematics Prize in 2nd Year Mathematics Richard James Mazzaferrri
The Mathematics Prize in 3rd Year Mathematics Anthony Colin Murman
Digital Prize in Statistics and Computing Peter Maxwell Bower
The Huldah Turner Prize for Mathematics Prue Elizabeth Salter
The Mortimer Temple Prize Teresa Gay Bates
The Ivan Lincoln Rose Prize Anthony Colin Murman

Department of Statistics
The Statistical Society of Australia Prize in Statistics IV Stephen Ryan

FACULTY OF MEDICINE

The Australian Medical Association Prize Penelope Ann Roe
The CIBA-Geigy Prize Steven James Chadban

FACULTY OF SCIENCE AND MATHEMATICS

Department of Biological Sciences
The Barry Boettcher Prize in Biology I Leigh Michael Bennie
The Peter Hendry Prize in Biochemistry Benjamin John Curry
The Don Angus Memorial Prize Melissa Nobbs

Department of Chemistry
The Donald Peterson Prize Martin Andrew Ebert
The Royal Australian Chemical Institute Prize in Chemistry IIIA
Anne Bayada

The RACI Prize in Chemistry IV
Bronwyn Louise Elliott

Department of Chemistry Staff Prize
Ralph Noel Brown

Department of Geology

The CRA Exploration Mapping Prize
Todd Steven Hutchings

The Edward John Phillips Memorial Prize
Roslyn Pamela O'Sullivan

The Frank Stoddart Prize
Raymond Francis Ramage

The John Fallins Memorial Prize
Rodney Ronald Wetzel

The Irene Vitnell Memorial Prize
Raymond Francis Ramage

The William Vitnell Memorial Prize
Raymond Francis Ramage

The Western Mining Corporation Prize
Not Awarded

The Beryl Nasher Prize in Geology I
Roslyn Pamela O'Sullivan

The Beryl Nasher Prize in Geology IIA
Richard John Gibson

Department of Physics

The Apollo Commemorative Prizes in:
Physics II
Shane Gregory Smith

Physics III or IV
Stephen John Howlett

The Australian Institute of Physics Prize in Physics IV
Robert George Emery

The George Arkla Harle Memorial Prize
Robert George Emery

Department of Psychology

The Australian Psychological Society Prize
Richard Geoffrey Flanagan

The Ivinsiskis Memorial Award
Pia Anita Salmelainen

The WH Ward Prize in Psychology
Dean Andrew Sherringham

Institute of Aviation Studies

The Chris Smith Memorial Prize
Mark Geoffrey Thibault

The Ernst & Whinney Prize in Aviation
Donna Lee Porter

The McDonnell Douglas Trophy
John Matthew Maguire

The SHL Aviation Psychology Prize
David Rhys Donnelly

The Boeing Prize for Excellence in Aviation
John Farquhar MacMaster

Shared

Shared

Shared

FACULTY OF ARTS

Department of Classics

The Douglas Ashworth Memorial Prize
Tracey Lee Haydon

The Andrew Dahl Memorial Prize
Not Awarded

The Bart Roos Memorial Prize
Vicki Gail McKenzie

The Classical Civilisation Staff Prize
Paul Francis Wilson

The James King Memorial Prize
Lamprini-Nitsa Panagopoulos

The Ann Lowry Memorial Prize
Michael William Sternbeck

The Hunter District Classical Association Prize
Eleanor Mary Hanks

Department of English

The Newcastle Herald Prizes:
1st Year

2nd Year

3rd Year

4th Year

Department of Geology

The PG Irwin Prize
Mark James Mitchell

The WF Geyl Prize
Robert Linton Cooper

Department of History

The Sarah Wheeler History Prizes:
1st Year

2nd Year

3rd Year

The Geoffrey Alan Cranfield Memorial Prize
Anne Sheree Dunne

The Vicki Jordan Memorial Prize
Craig Norman Williams

The Ruth Higgins Prize
Raymond Dallas Cummings

The Alex Dowling Prize in Labour History
Hamish Hutchinson

Not Awarded

Not Awarded

Paul Bryant Mantle

Department of Linguistics

The J & E Fenwick Prize
Rhonda Joy Reynolds

The Ray Cattell Prize
Not Awarded
Department of Modern Languages

French
The Helmore Prize in French IAA
Erica Anne Rowley
The Gertrude Helmore Prize in French IIA
Penelope Jane Curran
The Ernest Helmore Prize in French IIIA
Cornelia Elizabeth Dijke
The Norman Million Prize in French
Not Awarded
The Michelin Price Prizes:
- French IS: Vicki Drewe
- French IIS: Kerry Anne Mills
- French IIIS: Jennifer Anne Flanagan

German
The Goethe Prize in German Studies
Craig Douglas Shaw
Andrea Elisabeth Pulati
The German Community Prize
Theresa Anne Roberts
The Germania Club/Goethe Institute Prize
Dirk Gerard Brugman

Japanese
The Australian Japan Society in Newcastle Prize
Suzanne Zeltins
The Newcastle/Ube Prize
Diana Kirsten Mainprize

Department of Philosophy
The Philosophy I Staff Prize
Jamie Scott Evans
The Association of Graduates of the University of Newcastle Prize
Rosemary Lea Lovell
The Sir Edward Parry Memorial Prize in Religious Studies
Anne-Louise Channon

ART
Signor A. Dattilo Rubbo Prize
Highest Grade Point Average Amongst Graduates of Bachelor of Arts (Visual Arts) Course
John Paul Cliff
Quota — Jean Wright Memorial Award
Encouragement Award for Achievement in the Graduate Diploma in Art Course
Margot Louise Dugan
The Hunter Region Sculpture Prize
Rachael Samuels Memorial Award
Most Promising Student in Sculpture
Jacqueline Kay Henderson

A.F. Bambach Pty Ltd Prize
Best Final Year Fibre/Art Student across all Art courses
Philippe Ribbons
University of Newcastle Certificate for Associate Diploma in Creative Arts and Crafts
Alan John Fields
Highest Grade in final Assessment
Lindy Jane Bovill

ART EDUCATION
University of Newcastle Certificate for Bachelor of Education (Art)
Outstanding Final Year Student
Lisa Ann Gibson
Fordel Prize
Best Student in Final Year, Jewellery or Silversmith or Goldsmithing
Not Awarded

COMMUNICATION STUDIES
Melinda Moore Memorial Award
Awarded to the Student who has Contributed Most to the Bachelor of Arts (Communication Studies) course
Mark Matthew Crosdale
Westpac Prize for Research in the Bachelor of Arts (Communication Studies) course
Outstanding student in the Research strand of the Bachelor of Arts (Communication Studies) course
Kellie Louise Bisset
Cogan Associates Pty Limited Prize
Outstanding Public Relations student in the Bachelor of Arts (Communication Studies) course
Adriana Jennifer Mauric
Hunter Chapter of the NSW Society of Business Communications Prize
Highest Grade Point Average over three years of the Bachelor of Arts (Communication Studies) course
Kellie Louise Bisset
COMPUTING STUDIES
Word Express Computers (Newcastle)
Prize for Outstanding Final Year Student in the Associate Diploma in Computing Studies course
Michael Gerard Hickey
Ernst and Whinney Prize for Outstanding Performance in Business Applications in the Associate Diploma in Computing Studies course
Magennis James Weate
Athol James Smith
Shaun Michael Keegan
Stephen Alexander Watts

DRAMA
George Hutchinson Memorial Prize for Drama. Outstanding Final Year Student in Drama
Noel Patrick Smith

EDUCATION
J.W. Staines Prize for Diploma in Education (Secondary). Outstanding Final Year Student
Elizabeth Ann Sutherland
University of Newcastle Certificate for Bachelor of Education (Primary). Outstanding Final Year Student
Eric John Gerard Law
University of Newcastle Certificate for Diploma in Teaching (Primary). Awarded to Highest Grade Point Average
Andrew Warren Brown
University of Newcastle Certificate for Bachelor of Education (Early Childhood). Outstanding Final Year Student
Ruth Peters
University of Newcastle Certificate for Diploma in Teaching (Early Childhood). Awarded on Highest Grade Point Average
Elizabeth Mary Byrnes
Ellen Rose Memorial Award
The Mature-Age Student who has shown Outstanding Citizenship and Leadership in the area of Early Childhood
Lindy Rae Robson

ENGLISH
Huldah Turner Prize for English Outstanding Final Year Student
Sue-Ann Tassell

HOME ECONOMICS
Mabel Grady Memorial Prize
First Across all Subjects in Bachelor of Education (External) degree
Eva Irene Gibson
Hunter Home Economics Teachers Association Prize, First Across all Subjects in Bachelor of Education degree
Catherine Charmain Morton
D. Burton Prize, First Across all Subjects in Diploma of Teaching
Shirley Irene Dalton
University of Newcastle Prize for Home Economics, First in Family and Consumer Studies, Bachelor of Education degree
Catherine Charmain Morton
Frances Baker Prize, First in Home Science, Bachelor of Education degree
Karen Collinson
Leila Whittle Prize, First in Textiles, Bachelor of Education degree
Eva Irene Gibson
Pauline Clark Prize, First in Food Science, Bachelor of Education degree
Leza Maree Cooper

INDUSTRIAL ARTS
Institute of Industrial Arts (Newcastle Branch) Prize, Industrial Arts Course Year I. General Proficiency
Peter Raymond Huish
Institute of Industrial Arts (Newcastle Branch) Prize, Industrial Arts Course Year II, General Proficiency
Geoffrey Raymond Thick
Institute of Industrial Arts (Newcastle Branch) Prize, Industrial Arts Course Year III, General Proficiency
Graham Richard Cassells
Institute of Industrial Arts Prize, Industrial Arts Course Year IV, General Proficiency
Stephen Robert Jones
Institute of Metals and Materials Australasian Prize, Most Outstanding Materials Science Project by a Year IV Student in Bachelor of Education (Industrial Arts) course
Richard Earl Dibley

MATHEMATICS
Colin C. Doyle Memorial Prize Outstanding Final Year Student
Christopher Anthony Piscopo
MUSIC
The Keith Noske Memorial Prize
(Conservatorium of Music) Elizabeth McKeon
University of Newcastle Certificate of Merit for Music, Outstanding Final Year Student Janet Louise Hatfield

NURSING STUDIES
College of Nursing Australia (Hunter Regional Group) Prize, Outstanding Final Year Student in Diploma in Administration (Nursing) Judith Joy Cornish
University of Newcastle Prize for Academic Excellence in the Vocational Discipline of Nursing, Highest Grade Point Average in Diploma in Applied Science (Nursing) course Victoria Christina Wray
Lisa Farina Memorial Prize in Nursing The Highest Mark for the Theory of Nursing Practice Jennifer Louise Burrows

PHYSICAL EDUCATION
The H. W. Gillard Prize for Physical Education, Outstanding Final Year Student John Michael Tobin

POLICE STUDIES
Newcastle Police District Prize, Best Grade Point Average Over Four Years of Course William Leslie Pattison
Police Association of N.S.W. Award Best Research Project William Leslie Pattison

RADIOGRAPHY
Australasian Institute of Radiography N.S.W., Newcastle and District Sub-Branch Prize, Third Year Radiography (prize donated by Hanimex) John Andrew Thomas
Kathy Fitzgerald Memorial Prize Best Grade Point Average over Three Years of Radiography Course John Andrew Thomas

SCIENCE
University of Newcastle Certificate for Diploma of Teaching (Science), First in Final Year Kim Maree Hill
University of Newcastle Certificate for Bachelor of Education (Science) First in Final Year Linda Irene Henderson

SOCIAL SCIENCES
University of Newcastle Certificate for Social Sciences, First in Final Year — Bachelor of Education (Social Sciences) Stuart Bruce Webster
Westpac Bank Prize, Outstanding Final Year Student in the strand of Commerce — Bachelor of Education (Social Sciences) Stuart Bruce Webster

SOCIAL WELFARE
Australian Institute of Welfare Officers Prize, Best Contribution to Welfare by a Final Year Student Carol Dawn Binett Gary Joseph Jolliffe
University of Newcastle Certificate Best Final Field Practice Performance in Assoc.Dip.Soc. Welf. Michael John Parker
University of Newcastle Department of Social Health and Community Studies Prize, Highest Academic Achievement in Bachelor of Social Science (Welfare Studies) Lynette Iris Wilkinson
University of Newcastle Department of Social Health and Community Studies Prize, Best Contribution to Field Work Practice in Bachelor of Social Science (Welfare Studies) Gayle Francis Tieman

SPECIAL EDUCATION
Firstchance Prize for Special Education Outstanding Final Year Student Cassandra Clare Farrell
TECHNICAL AND FURTHER EDUCATION

University of Newcastle Certificate for Diploma in Teaching (TAFE)
Best Grade Point Average
Brenda Lee Baker

University of Newcastle Certificate for Graduate Diploma in Education (TAFE)
Best Grade Point Average Shared
Carole Margaret Obre Graeme Fullick

University of Newcastle Certificate for Bachelor of Education (TAFE)
Best Grade Point Average
Kathryn Maree Mead

SPECIAL AWARDS
The Business and Professional Women's Club of Newcastle Prize
Outstanding Final Year Woman Student with regard to Citizenship, Scholarship and Leadership
To be nominated

Plant and Wildlife Illustration Scholarship (Donated by National Parks and Wildlife Service and Patrons)
Lyndall Keller

William Fletcher Trust Grants for the Development and Advancement of Young Artists
John Turier Heather Rhodes

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 by the community in response to an Appeal launched by the then Lord Mayor, Alderman Frank Purdue.

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 tapestry on the east wall, running between the entry doors, is entitled "The Hunter Tapestry" and was designed and created by Mary and Larry Beeston. It was commissioned by the Friends of the University to commemorate the bicentennial. Its theme is the Hunter Valley and the events which have shaped it over the millennia, including its volcanic origin, the ice age, the inundation by the sea, the arrival of flora and fauna, the coming of man, the coming of the Europeans and what man has done to the valley.

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.