THE UNIVERSITY OF NEWCASTLE
New South Wales

CONFERRING OF DEGREES

FRIDAY, 17th MARCH, 1972
THE UNIVERSITY OF NEWCASTLE
New South Wales

FACULTY OF
ARTS

10.30 A.M.
ORDER OF PROCEEDINGS

The Procession will proceed to the dais, the Congregation standing.

*God Save the Queen.*

The Chancellor.

The Acting Dean of the Faculty, Professor K. R. Dutton, will present to the Chancellor candidates for admission to degrees in the Faculty of Arts.

The Acting Dean will present to the Chancellor the names of candidates for the award of the Diploma in Education.

Professor J. J. Auchmuty, C.B.E., F.A.H.A., Vice-Chancellor and Principal, will deliver the Occasional Address.

The Procession will retire, the Congregation standing.

Morning Tea will be served in the Supper Room.

*Organist:* Rev. Peter Brock, S.T.L.

*(Organ by Courtesy of W. H. Paling & Co. Ltd.)*

CONFERRING OF DEGREES

FACULTY OF ARTS

Presented by the Acting Dean of the Faculty of Arts, Professor K. R. Dutton

Doctor of Philosophy

Department of German

Marlene Joan Norst, M.A., Dip.Ed.(Syd.)

*Thesis:* “Julius Duboc and Robert Waldmuller”

Department of Psychology

John Arthur Davidson, B.Sc., B.A.(Q'ld.)

*Thesis:* “Geometrical Models for the Representation of Preference Data”

John Lindsay Seggie, B.A.

*Thesis:* “An Investigation of Formal Operational Thought”

Master of Arts

Department of Classics


*Thesis:* “Concept Analysis and Character Study in the Opera Historica of the Venerable Bede with Particular Reference to his Account of Early Papal Policy in Britain”

Department of English

Judith May Colman, B.A.


Zeny Giles, B.A., Dip.Ed.(Syd.)

*Thesis:* “The Concept of Eternity in the Poetry of Emily Dickinson”
Bachelor of Arts (Continued)

Barbara Norma Gow (Psychology — Honours Class II, Division I)
Carolyn Beth Hanley (History — Honours Class II, Division I)
Annette Charle Hughes (Latin — Honours Class II, Division I)
Kerry Robert Hughes (Latin — Honours Class II, Division I)
Roslyn Kay Kelly (Psychology — Honours Class II, Division I)
Marian Margaret Lawson (Psychology — Honours Class II, Division I)
Margaret Christine Nickolas (Geography — Honours Class II, Division I)
Aldis Svirskis (English — Honours Class II, Division I)
(Philosophy — Honours Class II, Division II)
Margaret Julia Wessell (German — Honours Class II, Division I)
Lee Frances Bromfield (Geography — Honours Class II, Division II)
Philip Algy Butkus (Psychology — Honours Class II, Division II)
Susanne Critchley (English — Honours Class II, Division II)
Gary Kenneth Flynn (Psychology — Honours Class II, Division II)
David Wayne Godfrey (English — Honours Class II, Division II)
Adrienne Ellen Pears (Economics — Honours Class II, Division II)
Paul William Richardson (English — Honours Class II, Division II)
Brian Kenneth Wilks (History — Honours Class II, Division II)
Jack Lyndon Lewis Newell (Education — Honours Class III)

Pauline Abern
William Norman Adam
Derek Adams
Ronald Stanley Allen
Julie Anne Allomes
Joan Elizabeth Anson
Dennis Gerald Barnes
Valerie Ann Barnes
Selma Catherine Barry
John Richard Bartlett
Peter Francis Best
Andrea Dorothy Blackett
Marcy Anne Bond
Christine Elizabeth Bowen
Kevin Andrew Brisbane
Dennis Arthur Peter Britton
Victoria Vaughan Bromhead
Garreth James Buchanan
Helen Margaret Burns
Bronwyn Anne Burriss
Maureen Imelda Casey
Pamela Joan Chandler
Cathy Lloyd Cheetham
Jennifer Joy Clement
Neville David Clement
Lindon Lyons Colless
Lorraine Beth Colman
Phillip Thomas Corbett
Maxwell Bertram Cox
Howard Bruce Cribb
Julie Maree Crofts
Maxwell Thomas Croker
Catherine Cussan
Helen Lorraine Danienko
Murray Llewellyn Dawes
Walter Maxwell Dawson
Trudy Anne Derwin
Susan May Dodd
Bachelor of Arts (Continued)

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ian Alexander Douglas</td>
<td>Larry Myles Keating</td>
</tr>
<tr>
<td>Gayle Marie Drury</td>
<td>Mary-Anne Kilp</td>
</tr>
<tr>
<td>Bryan Francis Dunn</td>
<td>Denis Francis King</td>
</tr>
<tr>
<td>Peter Raymond Edwards</td>
<td>Margaret Kirkup</td>
</tr>
<tr>
<td>Gai Elkington</td>
<td>Anna-Maria Kizeweter</td>
</tr>
<tr>
<td>Vicki Maree Elliott</td>
<td>Erich Kreutzer</td>
</tr>
<tr>
<td>Roslyn Joan Ellis</td>
<td>Juliana Lane</td>
</tr>
<tr>
<td>Christopher Simon Francis Enright</td>
<td>Catherine Clare Leary</td>
</tr>
<tr>
<td>LL.B.</td>
<td>James Phillip Leary</td>
</tr>
<tr>
<td>Michael John Fauchon</td>
<td>John Harold Leishman</td>
</tr>
<tr>
<td>Betty Patricia Fleming</td>
<td>Helen Ann Leitch</td>
</tr>
<tr>
<td>Robert Arthur Freeman</td>
<td>Joanna Carey Lindeman</td>
</tr>
<tr>
<td>Sandra Fren</td>
<td>Carolyn Lee Lingard</td>
</tr>
<tr>
<td>Carl Norman Fulton</td>
<td>Jan Maria McAlpin</td>
</tr>
<tr>
<td>Lynelle Margaret Fulton</td>
<td>Vernon Robert McAlpin</td>
</tr>
<tr>
<td>Go, Ngo Hong Gregory</td>
<td>Marie-Thereese McDermott</td>
</tr>
<tr>
<td>Edna Hazel Goodwin</td>
<td>Carolyn McEwan</td>
</tr>
<tr>
<td>Enid May Goodwin</td>
<td>Suzanne Jennifer McKim</td>
</tr>
<tr>
<td>Suellen Gray</td>
<td>Robyn Anne McQuarrie</td>
</tr>
<tr>
<td>Meril Claire Griffin</td>
<td>Diana Joyce Madden</td>
</tr>
<tr>
<td>Lianne Milner Hafey</td>
<td>Susan Lorraine Maher</td>
</tr>
<tr>
<td>Linda Patricia Hamilton</td>
<td>Edmund Irving Manning</td>
</tr>
<tr>
<td>Robert Barton Hansford</td>
<td>Heather Mary Meldrum</td>
</tr>
<tr>
<td>Sally Irene Harris</td>
<td>Vicki Ann Mewburn</td>
</tr>
<tr>
<td>Barbara Sue Harrison</td>
<td>Susanne Christine Meyers</td>
</tr>
<tr>
<td>Bernice Ellen Hartman</td>
<td>Helen Miletic</td>
</tr>
<tr>
<td>Grant Hatch</td>
<td>Lynnette Robin Miller</td>
</tr>
<tr>
<td>Susan Gai Heather</td>
<td>Penelope Brand Miller</td>
</tr>
<tr>
<td>Jill Ann Helps</td>
<td>Paul Wallace Moore</td>
</tr>
<tr>
<td>Judith Anne Hindmarsh</td>
<td>Peter Alan Moore</td>
</tr>
<tr>
<td>Jill Huby</td>
<td>Elizabeth Dorothy Morrison</td>
</tr>
<tr>
<td>James David Imrie</td>
<td>Lana Moscovis</td>
</tr>
<tr>
<td>Marilyn Una Jackson</td>
<td>Margaret Elizabeth Munro</td>
</tr>
<tr>
<td>Helen Jeanette James</td>
<td>Jan Murray</td>
</tr>
<tr>
<td>Wayne Dallas Jeffrey</td>
<td>Peter Murray</td>
</tr>
<tr>
<td>Kim James Johns</td>
<td>Michael Nelson</td>
</tr>
<tr>
<td>Yvonne Joy Johnson</td>
<td>Kylie Joy Newman</td>
</tr>
<tr>
<td>Steven Frederick Jones</td>
<td>Paula Jean Nichols</td>
</tr>
<tr>
<td>Maureen Cecilia Jurd</td>
<td>Jennifer O'Donoghue</td>
</tr>
</tbody>
</table>

Bachelor of Arts (Continued)

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paul Ashley O'Toole</td>
<td>John Joseph Skehan</td>
</tr>
<tr>
<td>Pamela Jennifer Pallett</td>
<td>Peter Douglas Spencer</td>
</tr>
<tr>
<td>Susan Mary Paris</td>
<td>Allan Paul Spicer</td>
</tr>
<tr>
<td>John Cunningham Parkinson</td>
<td>Lorraine Patricia Stallard</td>
</tr>
<tr>
<td>Cheryl Paton</td>
<td>Carolyn Laura Symes</td>
</tr>
<tr>
<td>Anthony Frank Paynter</td>
<td>Tang, Sau Tak Jennie</td>
</tr>
<tr>
<td>Leslie Irene Plumble</td>
<td>John Graham Thomas</td>
</tr>
<tr>
<td>Philip John Irvine Priest</td>
<td>Judith Irene Thomas</td>
</tr>
<tr>
<td>Stephanie Jan Reay</td>
<td>Stuart Charles Burton Thompson</td>
</tr>
<tr>
<td>Michael James Rees</td>
<td>Dennis John Thurlow</td>
</tr>
<tr>
<td>Peter Gerard Rees</td>
<td>Robert Milton Toll</td>
</tr>
<tr>
<td>Lesley Kaye Reid</td>
<td>Kenneth Arthur Tregloan</td>
</tr>
<tr>
<td>Wayne Maxwell Reynolds</td>
<td>Wendy Frances Tripp</td>
</tr>
<tr>
<td>Ann Louise Richardson</td>
<td>Elizabeth van Santen</td>
</tr>
<tr>
<td>Marie Noelene Richardson</td>
<td>Trevor Clifton Waring</td>
</tr>
<tr>
<td>Kristine Lynette Riding</td>
<td>Robert Weir</td>
</tr>
<tr>
<td>Brenda Mary Riley</td>
<td>Jayne Whiteley</td>
</tr>
<tr>
<td>Judith Ann Ruff</td>
<td>Trevor Noel Wilson</td>
</tr>
<tr>
<td>Barbara Elizabeth Sargeant</td>
<td>Judith Mary Wood</td>
</tr>
<tr>
<td>Robert John Sargent</td>
<td>Anne Maxine Wright</td>
</tr>
<tr>
<td>Otto Karl Scevak</td>
<td>Terry Bruce Yardy</td>
</tr>
<tr>
<td>Thomas Eric Schmied</td>
<td>Charlotte Clark Young</td>
</tr>
<tr>
<td>Vicki Ann Shearston</td>
<td>Phillip John Young</td>
</tr>
<tr>
<td>Terence George Sheerum</td>
<td>Zanariah binte Abdul Rahaman</td>
</tr>
<tr>
<td>Alan Rodney Simpson</td>
<td></td>
</tr>
</tbody>
</table>
AWARD OF DIPLOMAS
FACULTY OF ARTS

Diploma in Education

Joy Elizabeth Amour, B.A.
Barry John Armstrong, B.A.
Ibrahim Khalil Attalla,
B.Sc. (Agrl.) Cairo
Janice Marcia Barker, B.A.
Robert Geoffrey Barker, B.A.
Francine Margaret Barnett, B.A.
Robyn Diane Bensley, B.A.
Renate Hermine Anna Bickley, B.A.
Lynette Mary Blackhall, B.Sc.
Ross Desmond Boyd, B.A.
Alan Edward Brady, B.A.
Christine Joy Bridge, B.A.
Garry Ross Brown, B.A.
Susan Elizabeth Caskey, B.A.
Colleen Frances Clarke, B.A.
Patricia Anne Collier, B.Sc.
Julienne Gay Cooper, B.Sc.
Sharyn Ellen Craig, B.A.
Anne Gerardine Curran, B.A.
Mervyn William Curran, B.Sc.
Julianne Scott Daisley, B.A.
Valerie Ann Dibben, B.A.
Veronica Luba Djakiew, B.A.
Peter Raymond Dodd, B.Com.
Christine Roma Donohoe, B.A.
Peter James Donohoe, B.Sc.
Gregory Walter Douglas, B.A.
Kerrie Lynne Duckworth, B.A.
John Dugas, B.A.
Leoni Eade, B.Sc.
Robyn Kay Floyd, B.A.(Syd.)
Catherine Therese Fogarty, B.A.
Brian John Gilligan, B.A.
Joan Maree Gollan, B.A.
James Francis Graham, B.Com.
Vicki Grecki, B.A.
Judith Ann Gronold, B.A.
Colin Charles Hamilton,
B.Sc.(Tech.)
Christine Margaret Hardy, B.A.
Bona Elizabeth Harvey, B.A.
Patricia Anne Hatherly, B.A.
Marie Frances Hill, B.A.
Janice Anne Hillier, B.A.
Wayne Arthur Holland, B.Sc.
Dianne Hughes, B.A.
Roslyn Joy Jackson, B.A.
Ludmila Jelwachow, B.A.
Margaret Ann Jones, B.A.
Yiannoula Karanges, B.A.
Mary Lynette Karpiel, B.A.
David John Knight, B.Sc.
Vincentia Josephine Knight, B.A.
Janet Awad Koussa, B.A.(Cairo)
Darrell Robert Lang, B.A.
Lee Tsing Yuan, B.A.(Lond.)
Kerri Leigh Legovich, B.A.
Marjory Gale Lewins, B.A.
Olga Livanos, B.A.
Barbara Anne Logan, B.Sc.
William Andrew Lord, B.Sc.(Melb.)
Barbara Anne McBride, B.A.
Judith Ann McClure, B.A.
Timothy Bernard McGrane, B.A.
Imants Magrie, B.A.
Sue Melville, B.A.
Valerie Joy Noake, B.A.
THE UNIVERSITY OF NEWCASTLE
New South Wales

FACULTIES
OF
APPLIED SCIENCE, ARCHITECTURE, ECONOMICS AND COMMERC:E, ENGINEERING, MATHEMATICS AND SCIENCE

2.30 P.M.
ORDER OF PROCEEDINGS

The Procession will proceed to the dais, the Congregation standing.

*God Save the Queen.*

The Chancellor.

The Dean of the Faculty, Professor E. O. Hall, will present to the Chancellor candidates for admission to degrees in the Faculty of Applied Science.

The Dean of the Faculty, Professor F. Romberg, will present to the Chancellor candidates for admission to degrees in the Faculty of Architecture.

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

The Dean of the Faculty, Professor F. M. Henderson, will present to the Chancellor candidates for admission to degrees in the Faculty of Engineering.

The Dean of the Faculty, Professor R. G. Keats, will present to the Chancellor candidates for admission to degrees in the Faculty of Mathematics.

The Dean of the Faculty, Professor W. F. J. Pickering, will present to the Chancellor candidates for admission to degrees in the Faculty of Science.

The Dean of the Faculty, Professor F. M. Henderson, will present to the Chancellor the names of candidates for the award of the Diploma in Industrial Engineering.

Sir Phillip Baxter, K.B.E., C.M.G., D.Sc., F.A.A., will deliver the Occasional Address.

The Procession will retire, the Congregation standing.

Afternoon Tea will be served in the Supper Room.

*Organist:* Rev. Peter Brock, S.T.L.

(CONFERRING OF DEGREES

FACULTY OF APPLIED SCIENCE

Presented by the Dean of the Faculty of Applied Science, Professor E. O. Hall

Master of Engineering

Department of Metallurgy

John Marshall Burgess, B.E.


Master of Science

Department of Metallurgy

Barry Ian Dillon, B.Sc.(N.S.W.)

*Thesis:* “The Thermal Stabilization of Austenite in Steel”

Bachelor of Metallurgy

Leslie Walter Hutchinson (Honours Class II, Division I)

Neil Robertson Smith (Honours Class III)

Bachelor of Science (Metallurgy)

Edgar Martin Burnard

Christopher Lance Carey

Paul Raymond Field

Michael Francis Hutchens

Stephen Arthur Lloyd

William Paul Martin

John Philip Mullard

Fraser Ritchie

Richard Darryl Strange

Bachelor of Science (Technology)

Department of Industrial Chemistry

Henry Marian Goczol

John Walter Griffiths
FACULTY OF ARCHITECTURE
Presented by the Dean of the Faculty of Architecture, Professor F. Romberg

Master of Architecture
Ross Moxey Deamer, A.S.T.C.(Arch.)
Thesis: "Houses Erected on Original Land Grants in the Lower Hunter, Paterson and Williams River Valleys between 1800 — 1850"

Bachelor of Architecture
Peter William Walter Hedley (Honours Class II)
David John Stafford (Honours Class II)
Henryk Edward Chojenta
Fong, Kwai Hing
Ip, Ping Chi Tony
Lee, Kian Siew
Liu, Kah Teck
Low, Ing Ming
Bruce Alan Lowe
Charles Edmund Martin
David Patrick Mather

FACULTY OF ECONOMICS AND COMMERCE
Presented by the Dean of the Faculty of Economics and Commerce, Professor B. L. Johns

Bachelor of Commerce
Owen Scott Armstrong (Commerce — Honours Class II, Division I)
Graham Mitchell (Commerce — Honours Class II, Division I)
Mohd Razali bin Abdul Rahman (Commerce — Honours Class II, Division I)
Lu Cheng Lueng James (Economics — Honours Class III)
Siti Maimun binte Kamso (Economics — Honours Class III)

Mohamed Nor bin Abdul Hamid
Gregory John Anderson
Ghazali bin Awang
Geoffrey Alan Bell
Leslie Allan Brien
David Geoffrey Caldwell
Vincent Anton Casey
Chua Seong Aik
Paul Anthony Danks, B.Sc.,Dip.Ed. (N.S.W.)
Grahame Robert Dowling
Michael Colin Dwyer
Glyndon William Fox
Allan John Goodwin
Hasan bin Husin
Stuart James Hayward
Katalin Heiner
Thea Joan Hopson
Huang Padona Hiu Fong
Mohammed bin Haji Hussain
John David Jodvalkis
Gary Robert Jones
Kerry Ross Jones
Khor Swee Wah Rosie
Lai Kin Lam
Saleha Lajim
David James Lunney
Kevin Leslie Lyall
Paul Kinloch McCormack
Euan Gordon Melville
Kevin Maxwell Nowland
Marion Ruth Power
Brian Richard Rowell
Michael Damien Slater
Ihor Stankewycz
William Steward Taylor
Nguyen-Thi Thanh-Nu
Ting Hwong Ling
Tsia Loi Kah
Laura Joan Williams
FACULTY OF ENGINEERING

Presented by the Dean of the Faculty of Engineering, Professor F. M. Henderson

Doctor of Philosophy

Department of Chemical Engineering

Keith Lyne Smith, B.E.(Syd.), M.Sc.(N.S.W.)
Thesis: "Mass Transfer with Chemical Reaction in Agitated Vessels"

Terry Fitzgerald Wall, F.R.M.I.T.(Chem.Eng.)
Thesis: "The Measurement and Prediction of Thermal Radiation from the Flame Zone of Industrial Tangentially Fired Pulverised Coal Furnaces"

Department of Civil Engineering

Robert Gerard, B.E., A.S.T.C.
Thesis: "Turbulent Flow in Noncircular Conduits"

John Patrick Moriarty, B.E., M.Eng.Sc.(Melb.)
Thesis: "A Structural Model of Stabilized Clay Soils"

Master of Engineering

Department of Chemical Engineering

William John Preston, B.Sc.(Tech.)(Manc.)
Thesis: "Studies on the Transport of Solids in Near-Horizontal Fluidised Beds"

Department of Civil Engineering

Edward Hamilton Fletcher, B.Sc.(Tech.)
Thesis: "Displacement Patterns within Granular Masses"

Master of Engineering Science

Department of Chemical Engineering

Garry James Chadban, B.Sc.(N.S.W.)
William Patrick Shannon, B.Sc.(N.S.W.)

Master of Engineering Science (Continued)

Department of Civil Engineering
Peter James Cooper, B.E.
Peter Phillis, B.Sc.(Eng.)

Department of Electrical Engineering
Tam, Kai-Shing, B.Sc.(Eng.)

Department of Mechanical Engineering
Anwar Uddin Ahmed, B.E.(Q'ld.)
Barry John Hill, B.Sc.(Eng.)
Gary Denis McCarthy, B.E.
Nurrochmat Sawolo, B.E.(Tas.)

Bachelor of Engineering/Bachelor of Science

Department of Electrical Engineering
Peter James Wortley
(Honours Class II, Division I in Electrical Engineering)
Bruce Mervyn Devir
James Wilfred O'Sullivan

Bachelor of Engineering

Department of Chemical Engineering
Geoffrey Ross Morley (Honours Class II, Division II)
Raymond Edgar Mulley

Department of Civil Engineering
Gary William Nichols (Honours Class I)

Bachelor of Engineering Science

Department of Chemical Engineering

Garry James Chadban (Honours Class II, Division II)
William Patrick Shannon (Honours Class II, Division II)

16

17
Bachelor of Engineering (Continued)

Department of Electrical Engineering

Foo, Say Wei (Honours Class I and University Medal)
Ho, Jin Yong (Honours Class I)
Kwong, Chun-Keung Ken (Honours Class I)
Colin John Barlow (Honours Class II, Division I)
Douglas Lynch (Honours Class II, Division I)
Reginald Christopher Pogonoski (Honours Class II, Division I)
Dugald McLeod Campbell
Bodo Checinski
Kenneth Raymond Virtue
Michael Gerard Winborne

Department of Mechanical Engineering

Industrial Engineering

Ho, Gien Tou (Honours Class I and University Medal)
Chia, Whye Liang Anthony (Honours Class I)
Lim, Chong Hin (Honours Class II, Division I)
Mani, Dharma Rajan (Honours Class II, Division I)
Poon, Boon Ping Bernard (Honours Class II, Division I)
Tay, Buan Huat (Honours Class II, Division I)

Mechanical Engineering

Russell John Coleman (Honours Class I)
Ng, Chong Thong (Honours Class II, Division I)
Brian James Grennan (Honours Class II, Division II)
Chng, Eng Cheng

Bachelor of Science (Engineering) (Continued)

Department of Chemical Engineering

John Russell Cox
John Phillipson
Patrick John Wallace
Francis Joseph Yates

Department of Civil Engineering

Richard Howard Lane
FACULTY OF MATHEMATICS

Presented by the Dean of the Faculty of Mathematics, Professor R. G. Keats

Doctor of Philosophy

Brailey Sims, B.Sc.


Bachelor of Mathematics

Robert Oswald Blackwell (Honours Class I)
Timothy James Dalby (Honours Class I)
Bruce Douglas Morrison (Honours Class I)
Carolyn Anne Payne (Honours Class I)
Michael John Bell (Honours Class II, Division I)
Joan Ann Cooper (Honours Class II, Division I)
Laimonis Kavalieris (Honours Class II, Division II)
Brian William Bowe
Edward Bradley
Allan John Darroch
Jill Marquet
Allison May Smith
Colin Bruce Stewart
Jessie Christine Thelander
Wee Kang Hiong

FACULTY OF SCIENCE

Presented by the Dean of the Faculty of Science, Professor W. F. J. Pickering

Doctor of Philosophy

Department of Chemistry
Margaret Ellen Bridson, M.Sc.(Auck.)

Thesis: “Studies in the Co-ordination Chemistry of some Transition Metals, Especially Cobalt and Copper”

Richard John Casey, B.Sc.

Thesis: “Surface Chemical Studies of the Higher Vanadium Oxides”

Sidney John Cole, M.Sc.(Melb.)

Thesis: “Ligand Binding in Metalloporphyrin Systems”

Terrence James Haig, B.Sc.

Thesis: “Approaches to the Synthesis of Xanthorrhoeol and Related Compounds”

Department of Geology
Ian Douglas Blayden, B.Sc.(N.S.W.)


Department of Physics
Frank Thomas Bagnall, B.Sc.(N.S.W.), M.Sc.(N.E.)


Master of Science

Department of Chemistry
Roger Graeme Gillard, B.Sc.


Kari Lehtonen, B.Sc.

Thesis: “Some Aspects of Chemistry in Fungicides”
Master of Science (Continued)

Department of Physics
Robert Barry Knott, B.Sc.
Thesis: "The Propagation of Pc1 Geomagnetic Micropulsations in a Thermal Magnetosphere"

Roland Lubin Paine, B.Sc.
Thesis: "Aspects of VLF Emissions The Quasi-Periodic VLF Emissions"

Department of Psychology
Helen Margaret Clark, B.Sc.
Thesis: "Aboriginal Assimilation in Two Communities"

Bachelor of Science
Elizabeth Anne Cousins
(Mathematics — Honours Class I and University Medal)
Anne Maria Vogelzang
(Mathematics — Honours Class I and University Medal)
George Paul Boshev (Chemistry — Honours Class I)
Edward Keith Campbell (Physics — Honours Class I)
David Ross Gray (Geology — Honours Class I)
John Francis McCann (Chemistry — Honours Class I)
Stafford William McKnight (Geology — Honours Class I)
Bronwyn Scott Thomas (Chemistry — Honours Class I)
David John Whitford (Geology — Honours Class I)
David William Bewley (Geology — Honours Class II, Division I)
Dudley Duncan Waters (Geology — Honours Class II, Division I)
Johannes Bonsing
Kenneth James Brown
Dale Andrew Carney
Raymond George Dawes
Michael Gordon Diemar
Vicki Ann Diemar
Grahame Dobinson
Richard William Donkin

Bachelor of Science (Continued)

Lynn Fraser
Bernard John Griffin
Vincent John Hall
Paul Geoffrey Harrison
Carolyn Heath
Anne Lyndall Henderson
Ann Jarvie
Susan Kidd
Karl Franklin McLaughlin
Gregory Thomas Meldrum
Paul Owen Melmeth
Paul Leendert Rodenhuis
Ellen Sheerin
Rona Basaria Siregar
Charles Louis Spontak
Denise Mary Strickleton
Barbara Weatherstone
Danny Russell Williams
Beverley Eileen Wilson

22

23
AWARD OF DIPLOMAS
FACULTY OF ENGINEERING

Diploma in Industrial Engineering
Roger David Allen, B.Sc.(Leeds)
Leigh Brian Daley, B.E.(N.S.W.)
Michael Vining Hobbs, B.Sc.
Colin Alexander McRae, B.Sc.(N.S.W.), A.S.T.C.
Robert Anthony Smith, B.E.
Nicolaas Gysbertus Weyland, K.V.M.-A.M.(Ams.)

PRIZES
Faculty of Applied Science

The Daniel Clark Award: Michael F. Hutchens
The Broken Hill Pty. Co. Ltd. Prize: Gregory N. Booth
The Australian Institute of Metals (Newcastle Branch) Prize: Michael F. Hutchens
The Australian Institute of Mining and Metallurgy Newcastle Women's Auxiliary Prize: Paul R. Field

Faculty of Architecture

Board of Architects of New South Wales Prize: David J. Stafford
James Hardie Prize in Architecture: David J. Stafford
The Royal Australian Institute of Architects (Newcastle Division) Prizes in:
- Year I or Stage 1: Carol A. Seymour
- Year II or Stages 2 and 3: Colin R. Filmer
- Year III or Stages 3 and 4: Alan J. Butler
- Year IV or Stage 5: Esa bin Mahamed
- Year V or Stage 6: David J. Stafford

Faculty of Arts

The Newcastle Morning Herald Prizes in:
- English I: Noel King
- English II: Carl Boyd
- English III: Phillip J. Stevenson
- English IV: Dianne M. Osland
- The Helmore Prize in French I: Peter R. Moss
- The Gertrude Helmore Prize: Philip J. Paterson
- The Ernest Helmore Prize: Stephen J. Wile
- The Geographical Society of N.S.W. Prize: Miroslaya Mladenovich
- The Sarah Wheeler Prizes in:
  - History I: Walter J. Ogle
  - History II: Brian R. Everingham
  - History III: Gary F. Quinlan
Faculty of Arts (Continued)

The Council of the City of Newcastle Prize:
1970: Anne T. Burgess
1971: James C. Docherty

The Philosophy I Staff Prize:
John L. Bennett

Faculty of Economics and Commerce

The Broken Hill Pty. Co. Ltd.
Prize in Accounting I:
Brian L. Penfold
Accounting IIA:
John C. Parkes

The William Forsythe Prize in Auditing:
Gilbert M. Watters

The Finance and Guarantee Co. Ltd.
Prize in Taxation:
Alexander R. MacNeill

The Northumberland Permanent Building and Loan Co. Prize in Legal Studies II:
David G. Caldwell

The Tubemakers of Australia Prize in Accounting:
Mohd Razali bin Abdul Rahman

Australian Society of Accountant’s
Prize in Accounting IIA:
David R. Forsythe
Accounting IIIA:
David G. Caldwell

The Commonwealth Bank’s
Prize in Accounting IIIB:
Mohd Razali bin Abdul Rahman

The I.C.L. Prize in Accounting Systems and Computer Applications:
William H. Fischer

The Australian Institute of Management’s
John Storey Memorial Award in Management Studies I:
William H. Fischer
Mark J. Tippett

C. J. Chandler Prize:
Paul W. Fulton

The Morison Prizes in:
Economics I:
Paul W. Fulton
Economics II:
John S. K. Gordon
Economics III:
Kathryn Lamb
Economics IV:
Morris R. Cotterill

Faculty of Economics and Commerce (Continued)

A. J. Day Memorial Prize (Economics):
Morris R. Cotterill
Adrienne Pears

Australian Finance Conference Prize in Monetary Economics:
Seong Aik Chuah

Australian Institute of Management’s John Storey Memorial Award in:
Industry Economics:
Mary-Lyn A. Tapscott
Labour Economics:
Mary-Lyn A. Tapscott

The Economics Society Prize:
Morris R. Cotterill

Shell Prize in Economics and Commerce:
Stanley E. D. Jolly

Faculty of Engineering

The Broken Hill Pty. Co. Ltd.
Prize in Engineering:
Dept. of Chemical Engineering:
Alan M. Searant
Dept. of Civil Engineering:
Robert N. Staniland
Dept. of Electrical Engineering:
Stephen J. Weatherstone
Dept. of Mechanical Engineering:
Peter G. Swiney

Institution of Engineers, Australia
Newcastle Division, Prize:
Ho, Gien Tou

The Australian Institute of Steel Construction Prize — Third Year:
Raymond J. Hinchev

The B.B.R. Australia Prize Ltd.:
Gary W. Nichols

The James Hardie Water Resources Engineering Prize:
Gary W. Nichols

The Morison Prizes in Engineering:
Junior:
Choon Lim
Senior:
Kee Huat Tan

W. E. Clegg Memorial Prize:
Ho, Gien Tou
Faculty of Mathematics

Mortimer Temple Prize in Mathematics I: Le Tan Khoa
The I.C.L. Prize in Numerical Mathematics: Le Tan Khoa
    Shared: Martin Taylor
Second Year Mathematics Prize: James M. Cross
Third Year Mathematics Prize: Peter R. Nickolas
The N.S.W. Association of University Women Graduates (Hunter Valley Branch) Prize in Mathematics: Christine J. Paine

Faculty of Science

The Broken Hill Pty. Co. Ltd. Prize in First Year Science: Nam W. Yeap
Royal Australian Chemical Institute Prize in Chemistry II: Russell R. Reeves
Courtaulds (Aust.) Ltd. Prize in Third Year Chemistry: Richard W. Donkin
C.S.R. Chemicals Prize in Chemistry IV: Bronwyn S. Thomas
Edward John Phillips Memorial Prize in Geology I: Stephen L. Hancock
John Fallins Prize in Geology II: Brian H. Blackshaw
Irene Vitnell Memorial Prize in Geology IIIB: Gregory T. Meldrum
Frank Stoddart Prize in Sedimentology: Gregory T. Meldrum
Apollo Commemorative Prizes:
    Physics II: Gregory N. Booth
    Physics III: Donald D. Richardson
Faculty of Arts (Continued)

The Council of the City of Newcastle Prize:
1970: Anne T. Burgess
1971: James C. Docherty
The Philosophy I Staff Prize:
John L. Bennett

Faculty of Economics and Commerce

The Broken Hill Pty. Co. Ltd.
Prize in Accounting I:
Accounting IIIB:
Brian L. Penfold
John C. Parkes
The William Forsythe Prize in Auditing:
Gilbert M. Watters
The Finance and Guarantee Co. Ltd.
Prize in Taxation:
Alexander R. MacNeill
The Northumberland Permanent Building and Loan Co. Prize in Legal Studies II:
David G. Caldwell
The Tubemakers of Australia Prize in Accounting:
Mohd Razali bin Abdul Rahman
Australian Society of Accountant's Prize in Accounting IIIA:
David R. Forsythe
David G. Caldwell
The Commonwealth Bank's Prize in Accounting IIIB:
Mohd Razali bin Abdul Rahman
The I.C.L. Prize in Accounting Systems and Computer Applications:
William H. Fischer
The Australian Institute of Management's John Storey Memorial Award in Management Studies I:
William H. Fischer
Mark J. Tippet
C. J. Chandler Prize:
Paul W. Fulton
The Morison Prizes in:
Economics I: Paul W. Fulton
Economics II: John S. K. Gordon
Economics III: Kathryn Lamb
Economics IV: Morris R. Cotterill

Faculty of Economics and Commerce (Continued)

A. J. Day Memorial Prize (Economics): Shared
Morris R. Cotterill
Adrienne Pears
Australian Finance Conference Prize in Monetary Economics:
Seong Aik Chuah
Australian Institute of Management's John Storey Memorial Award in:
Industry Economics: Mary-Lyn A. Tapscott
Labour Economics: Mary-Lyn A. Tapscott
The Economics Society Prize:
Morris R. Cotterill
Shell Prize in Economics and Commerce:
Stanley E. D. Jolly

Faculty of Engineering

The Broken Hill Pty. Co. Ltd.
Prize in Engineering:
Dept. of Chemical Engineering: Alan M. Searant
Dept. of Civil Engineering: Shared
Robert N. Staniland
Stephen J. Weatherstone
Dept. of Electrical Engineering:
Peter G. Swiney
Dept. of Mechanical Engineering:
Meng Ching Chew
Institution of Engineers, Australia Newcastle Division, Prize:
Ho, Gien Tou
The Australian Institute of Steel Construction Prize — Third Year:
Raymond J. Hincheay
The B.B.R. Australia Prize Ltd.:
Gary W. Nichols
The James Hardie Water Resources Engineering Prize:
Gary W. Nichols
The Morison Prizes in Engineering:
Junior: Choon Lim
Senior: Kee Huat Tan
W. E. Clegg Memorial Prize:
Ho, Gien Tou
Faculty of Mathematics

Mortimer Temple Prize in Mathematics I: Le Tan Khoa
The I.C.L. Prize in Numerical Mathematics: Le Tan Khoa
Second Year Mathematics Prize: James M. Cross
Third Year Mathematics Prize: Peter R. Nickolas
The N.S.W. Association of University Women Graduates (Hunter Valley Branch) Prize in Mathematics: Christine J. Paine

Faculty of Science

The Broken Hill Pty. Co. Ltd. Prize in First Year Science: Nam W. Yeap
Royal Australian Chemical Institute Prize in Chemistry II: Russell R. Reeves
Courtaulds (Aust.) Ltd. Prize in Third Year Chemistry: Richard W. Donkin
C.S.R. Chemicals Prize in Chemistry IV: Bronwyn S. Thomas
Edward John Phillips Memorial Prize in Geology I: Stephen L. Hancock
John Fallins Prize in Geology II: Brian H. Blackshaw
Irene Vitnell Memorial Prize in Geology IIIB: Gregory T. Meldrum
Frank Stoddart Prize in Sedimentology: Gregory T. Meldrum
Apollo Commemorative Prizes:
  Physics II: Gregory N. Booth
  Physics III: Donald D. Richardson