

# THE UNIVERSITY OF NEW SOUTH WALES



## CONFERRING OF AWARDS

Kensington • Friday 25 June 1999 • 5.30 pm

50TH ANNIVERSARY CEREMONY  
OF CONFERRING OF HONORARY DOCTORATES  
AND PRESENTATION OF JUBILEE MEDALLIONS



# THE UNIVERSITY OF NEW SOUTH WALES



*Arms of*  
**THE UNIVERSITY OF  
NEW SOUTH WALES**

*Granted by the College  
of Heralds, London  
3 March 1952*

*In 1994 the University title was  
added to the Arms to create the  
University Symbol,  
shown above.*

## **HERALDIC DESCRIPTION OF ARMS**

Argent on a Cross Gules a Lion passant guardant between four Mulletts of eight points Or a Chief Sable charged with an open Book proper thereon the word SCIENTIA in letters also Sable.

The lion and the four stars of the Southern Cross on the Cross of St George have reference to the State of New South Wales which brought the University into being; the open book with SCIENTIA across its page reminds us of its original purpose. Beneath the shield is the motto "Manu et Mente", which is the motto of the Sydney Technical College, from which the University has developed. The motto is not an integral part of the Grant of Arms and could be changed at will; but it was the opinion of the University Council that the relationship with the parent institution should in some way be recorded.



**THE UNIVERSITY OF NEW SOUTH WALES**  
**CELEBRATES ITS 50th ANNIVERSARY**



**1949 - 1999**

This year UNSW celebrates 50 years of academic achievement. In that time we have grown from a handful of students on a barren patch of sand at Kensington into one of the top ranking universities in the Asia/Pacific region, renowned for innovation in teaching and research.

The outstanding achievements of the first fifty years are only the beginning of a limitless and global future as UNSW continues, through its vitality and growth, to attract talented staff and students from around the world.

The Jubilee celebrations will be marked by more than 20 major events grouped in three festivals including a program of lectures, tours and entertainment designed especially for graduates, a series of international lectures, conferences and symposia and UNSW Expo, an expanded version of the traditional Open Day showcasing the University's innovations and achievements in science, technology and the arts. A particular highlight will be the opening of The Scientia, UNSW's new ceremonial and communal heart, dedicated to all the staff and students who have made UNSW a world-class institution.

The 50<sup>th</sup> Anniversary celebrations also give us the opportunity to honour those who have contributed to the University's reputation. Today, in the second of three Ceremonies of Conferring of Awards and Presentation of Jubilee Medallions, we salute the achievements of six outstanding members of our community by awarding them Honorary Doctorates: Ralph Blacket, Joan Brassil, Murray Kemp, Gabrielle Kibble, Ronald Lu and Mark Taylor. We also recognise the outstanding contributions which 26 individual members of the University community have made to the life of UNSW by presenting to them Jubilee Medallions.

John Niland  
Vice-Chancellor

# ORDER OF PROCEEDINGS

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The Academic Procession proceeds to the dais,  
the Assembly standing

National Anthem: Advance Australia Fair

The Chancellor, the Hon. Sir Anthony Mason, AC, KBE, BA LLB *Syd.*,  
Hon.LLD *ANU, Syd., Melb., Monash and Griff.*, Hon.DCL *Oxon.*,  
extends a welcome to those present

Ms Crystal Condous, BCom MLib *UNSW*,  
Registrar and Deputy Principal

Professor John Niland, AO, BCom MCom *UNSW*, PhD *Ill.*, FASSA,  
Vice-Chancellor,  
presents the recipients of Jubilee Medallions and  
the candidates for Honorary Degrees

*O, Clap Your Hands* by Orlando Gibbons  
The Burgundian Consort directed by  
Associate Professor Patricia Brown

The Mace Bearer: Emeritus Professor Ted Thompson,  
MSc DipEd *Syd.*, PhD ScD *Camb.*

The Academic Procession retires, the Assembly standing

# **JUBILEE MEDALLIONS**

**Joseph Bass****Faculty Office, College of Fine Arts**

Joseph Bass has been associated with the College of Fine Arts and the University for 24 years. During this time he has provided dedicated service in a range of facilities, security, equipment and protocol related areas. His effective working style has been characterised by efficiency, attention to detail, good humour and obvious satisfaction with a job well done. Significantly, Joe Bass has amassed extensive and wide-ranging COFA corporate knowledge, and is often the first port of call for enquiries from new and experienced staff members alike.

**Marian Bate, MSc Syd., DipLib UNSW, AALIA****Principal Librarian, Library Strategic Planning and Policy Unit, UNSW**

Marian Bate's focus has always been on empowering the individual library user. With 22 years of service at UNSW, she is regarded as a significant leader in the sector by members of the library profession. Marian exhibits a personal openness to others' views, an extraordinary patience, and a strong vision for the library and information sector, always discerning important information trends well in advance of her peers. This ability has resulted in the remarkable positioning of the UNSW Library amongst research and academic libraries.

**Trish Burgess, GradCertMgtStud Canberra****Administration, University College, ADFA**

Trish Burgess joined the administration of the Faculty of Military Studies, UNSW, at the Royal Military College, Duntroon in 1977. She became secretary of the Department of Language and Literature, later the Department of English, in 1978. She has given dedicated service to the College over the years and in recent times has been Research and Further Education Officer, Assistant Manager Unisearch and participated in media liaison and public relations activities.

**Helen Cannella, BCom MCom UNSW**

**Faculty Office, Faculty of Medicine, UNSW**

A very dedicated and hardworking member of the University administrative staff for over 25 years, Helen Cannella has provided creative solutions to a multitude of problems in several faculties. With an extensive knowledge of the University, Helen Cannella has masterfully provided support from the Dean's Office to postgraduate students and academic researchers in the Faculty of Medicine. Her breadth of understanding of UNSW is truly remarkable and enables her to support a wide range of activities in the Faculty administration.

**Trevor Clulow, BA UNSW, MA Syd.**

**School of Psychology, Faculty of Life Sciences, UNSW**

Trevor Clulow is the long-serving senior administrative officer in the School of Psychology. His capacity to get things done in advance of most even knowing that they needed to be done, his tolerance and patience with generations of staff and students who seek him out for advice that they know will be accurate in detail and sensible in outcome, and his personal commitment and loyalty to the University and the School have all meant that he is an individual who personifies understated excellence.

**Don Craig, BSc Syd., MSc UNSW**

**School of Chemistry, Faculty of Science and Technology, UNSW**

Don Craig has been employed at UNSW since 1958, first as a teaching fellow in Mining Engineering and Applied Geology and from 1966 as a professional officer in the joint Chemistry/Physics Crystallography Unit. In this role he has maintained and operated X-ray diffraction facilities, solved structures of compounds, and instructed postgraduate students in solution by X-ray methods. In over 30 years he has made an enormous contribution to the School of Chemistry research effort, both in the determination of crystal structures and in general support.

**Edward Crawford, BE N.S.W.I.T.**

**School of Physiology & Pharmacology, Faculty of Medicine, UNSW**

Ted Crawford is the chief electronics and computing expert in the School of Physiology and Pharmacology. With a sharp intellect, boundless creativity and much dedication, Ted Crawford has supported the research enterprise of the School for over 20 years. He has designed sophisticated electronic and research equipment in addition to supporting academic staff through innovations in software design. Ted Crawford is an outstanding example of a 'quiet achiever' and the School and Faculty have been fortunate to have his dedicated service for many years.

**Gerry Ferhad**

**Faculty of Life Sciences Workshop, UNSW**

For 25 years Gerry Ferhad has made an exceptional contribution to the University well beyond the normal call of duty.' He operates the Faculty of Life Sciences' Mechanical, Electrical, Air Conditioning and Refrigeration workshop and has been invaluable to staff by designing and constructing new equipment for research and teaching. He goes out of his way to assist both honours and postgraduate students to complete their projects, has designed safety equipment that has prevented injury and trained many apprentices as well as designing equipment to generate income for the Faculty.

**Grace Higgins, MB BS Syd., MD UNSW**

**School of Pathology, Faculty of Medicine, UNSW**

Grace Higgins has significantly enhanced educational offerings of the School of Pathology for over 30 years. She has enthusiastically dedicated countless hours in her role as curator of the Museum of Human Disease. Unstinting in her commitment to advancing the School's teaching mission, Grace Higgins has also enhanced the interface of the Museum with the community outside the University. Through her work for the Museum, many Sydney residents including children have a better appreciation of the diversity of manifestations of human disease.

**Kelvin Hundt****School of Mechanical & Manufacturing Engineering, Faculty of Engineering, UNSW**

Kelvin Hundt has worked with the School of Mechanical and Manufacturing Engineering for more than forty years. As Officer-in-Charge of the Design Project Laboratory and later as Coordinator of Workshop Services, his leadership qualities, creative ability and high level of skills were essential to the development of a wide range of laboratory and workshop activities and teaching programs. His enthusiasm and voluntary work on the redevelopment of the School's Laboratory environment will be an invaluable legacy for students and staff for many years to come.

**Syd Lovibond, BA *Melb.*, MA PhD DipSocSc *Adel.*, FASSA****School of Psychology, Faculty of Life Sciences, UNSW**

From his arrival at UNSW in the early 1970s until his retirement in the mid-1980s, Syd Lovibond was the driving force in developing the School of Psychology to become one of the best in the country and to be widely recognised internationally. He selected and developed staff and positioned the School within the University and within Australian and international psychology. Although he has been retired for 15 years, Syd Lovibond is still a major influence on and a major advocate for the School and the University.

**Charles McMonnies, ASTC, MSc *UNSW*, FAAO**

Charles McMonnies is a private practice optometrist specialising in contact lenses and children's vision, having completed his undergraduate and postgraduate degrees at UNSW. He has provided long and dedicated service to the School of Optometry, as a Visiting Lecturer and Clinician, Adjunct Professor, member of the Optometry Building Fundraising Committee and has served as the presiding member of the Visiting Committee to the School. He has been a particularly active member of the UNSW Alumni Association and is currently the Vice-President.

**Rolf Mische****School of Mechanical & Manufacturing Engineering  
Faculty of Engineering, UNSW**

Rolf Mische has been an integral part of the School of Mechanical and Manufacturing Engineering for nearly forty years. As Laboratory Services Coordinator, he has generously shared his extensive knowledge and skill with staff and students and his management and technical capabilities have been vital to the success of the Sunswift solar car project. Rolfe Mische is an outstanding and dedicated member of the University community and has provided much appreciated support and inspiration for countless students over the years.

**Moya Pedemont**

Moya Pedemont recently retired as the longest serving member of the administrative staff in the Faculty of Medicine. With her impressive knowledge of undergraduate medical course affairs and wisdom accumulated over the years, Moya Pedemont shepherded thousands of students through many aspects of the course with skill and commitment. For many years she single-handedly administered the placement of the Faculty's students undertaking electives overseas and of overseas students undertaking clerkships in the Faculty.

**Viera Piegerova****Electron Microscope Unit, Faculty of Science and Technology, UNSW**

For more than 29 years Viera Piegerova has provided dedicated and skilled service to the University. She commenced work as a laboratory assistant and now works as a Senior Technical Officer in the Central Electron Microscope Unit. She has played a pivotal role in the development of this Unit and worked with students and staff from a wide range of areas, assisting them with their microscopy. She is described as someone who is spectacularly successful in ensuring that the results from experiments look good and make sense.

**Slava Prokopovich, ASTC, BSc MSc UNSW**

Slava Prokopovich recently retired after serving the University for 39 years as an academic in the School of Materials Science and Engineering. Over this period he saw the School grow from its inception to its present research eminence. He developed an exceptional rapport with many generations of students and his contribution to the development of ceramics at UNSW and in Australia, in the educational and industry contexts, has been of immense value.

**Bernhard Ralph, BSc Tas., PhD L'pool, Hon.DSc Kasetsart, FRACI, FTSE**

Bernhard Ralph was one of the academic pioneers at the University, appointed in 1950 to the then NSW University of Technology to develop biochemical and microbiological education. In 1951 he became Head of a new Department of Biological Sciences, was appointed to a Foundation Chair in Biochemistry in 1959 and Dean of Science in 1963. He headed a new Department of Biotechnology and Biochemical Engineering from 1966, the first of its kind in Australia and was Foundation Dean of the Faculty of Biological Sciences from 1968.

**Fritz Henry Reuter, PhD Berlin**

Fritz Reuter is truly one of the founding members of UNSW, moving to Kensington with the University from Sydney Technical College. In 1952 he became the Foundation Head of the Department of Food Technology, remaining in the post until 1970. During this period the Department became recognised as the pre-eminent group offering Food Science education in Australia. For 30 years he was Editor of the principal journal in Food Science in Australia and made major national and international contributions in food regulation and education.

**Irene Reuter**

Irene Reuter has been closely involved with the University since its very beginning at Ultimo and has made a major and sustained contribution to its community. She carried out a highly focussed pastoral role with young students during Fritz Reuter's term as Head of the Department of Food Technology. She was a founding member of the U Committee and proposed the idea of a Book Fair to raise funds for the University. This remains the U Committee's most successful fundraising activity.

**Tony Robinson, BSurv MBA PhD UNSW, RegSurv NSW, MISAust, MAIC Faculty of Engineering, UNSW**

Tony Robinson is a distinguished UNSW alumnus who has made an outstanding contribution to the life of the University over more than thirty years. Commencing as a lecturer in the School of Civil Engineering in 1964, he has gone on to become Associate Dean (International) in the Faculty of Engineering, Associate Director, International Development in the International Office, a Governor of the Alumni Association and is the UNSW Director on the Board of the Australian Maritime Cooperative Research Centre.

**Ronald Rosen, BSc MSc N.Z., PhD UNSW**

Ronald Rosen joined UNSW in 1961 in the new position of Radiation Protection Officer, the first post of its kind in Australasia. In this position he developed and implemented a balanced and comprehensive radiation protection program which incorporated both radiating apparatus and radioactive sources. He took a key role in the development of safety at UNSW, being the first Head of the Safety Unit and a foundation member of the Centre for Safety Science. Ronald Rosen played a vital role in positioning UNSW as one of the most respected academic institutions in Australian safety.

## **David Russell**

### **Graduate School of Biomedical Engineering, Faculty of Engineering, UNSW**

David Russell has been a dedicated and highly skilled Technical Officer with the University for more than 25 years, and with the Graduate School of Biomedical Engineering for 14 years. He has been an enthusiastic and resourceful member of staff, contributing his energy and talents to solving the many and complex design issues of biomedical research projects. During his time at the University, he has unstintingly given the highest levels of skill, service and commitment.

## **Ian Somervaille, BE PhD UNSW, ASTC**

### **Honorary Visiting Fellow, School of Civil and Environmental Engineering, UNSW**

Ian Somervaille is one of UNSW's academic pioneers, commencing employment in civil engineering at the NSW University of Technology in 1954. He provided dedicated service to the University for over 40 years, particularly through his involvement with the Staff Association. Ian Somervaille became Secretary of the Staff Association in 1961, maintained an active role in it throughout his employment, and continues to represent the interests of staff in his retirement. In 1997 The Ian Somervaille Scholarships were established in recognition of his long and dedicated service to the University and the Staff Association.

## **Hilda Stender**

### **School of Chemistry, Faculty of Science and Technology, UNSW**

Hilda Stender commenced work at UNSW as a technical officer in 1971 and was promoted to Senior Technical Officer in 1984. She has spent 28 years with the University's Nuclear Magnetic Resonance Facility, seeing it evolve from a single instrument to the present day five high field spectrometers. She has instructed countless numbers of research students and more than a few staff in the operation of Nuclear Magnetic Resonance spectrometers, and over the years has played a central role in the development of the NMR Facility.

**Gallia Therin, ANZIMLT**

**School of Community Medicine, Faculty of Medicine, UNSW**

For a quarter of a century, Gallia Therin has provided wise counsel and understanding to students, general and academic staff alike in the School of Community Medicine. Gallia Therin has an extraordinary insight into many aspects of the School and Faculty of Medicine's work. Always professional and empathetic, she has provided a superior example of leadership for administrative staff across the entire Faculty. The School's many international students in particular are invariably enthusiastic in their appreciation of her care and commitment which frequently go beyond the call of duty.

**Ken Vost, BSc *Glas.*, MSc PhD UNSW**

From 1965 to 1983 Ken Vost worked in the Department of Physics at UNSW's Broken Hill Campus. In conjunction with a small number of colleagues he taught at all levels and areas of physics and provided administrative support to many generations of students. On relocating to Kensington he continued this role and in addition, provided an immense advisory and administrative contribution as Executive Assistant to the Head of School. He brought a cheerful manner and enthusiasm to this position and was known for his efficiency and fairness.

# **HONORARY DOCTORATES**



DOCTOR OF MEDICINE *honoris causa*

**Ralph Beattie Blacket, AO,**  
MD BS *Syd.*, FRCP, FRACP

Ralph Blacket was Foundation Chair of Medicine at the University of New South Wales.

He established the first formal cardiac catheterisation laboratory in Australia. His unit undertook pioneering diagnostic work in relation to congenital and acquired heart disease, which led to the development of the first 'closed' heart surgery, and eventually to 'open' heart surgery, in Australia.

Despite his ever-increasing administrative responsibilities he maintained an active personal interest in research. He built an expanded department where he was able to support and guide the research activities of those he recruited to the department.

He was among the first to recognise the important contribution of dietary fat to the rising incidence of coronary heart disease and, as a response to that, established the first Diet Heart study in Australia which played an important role in gaining acceptance of the relevance of diet to cardiovascular risk.



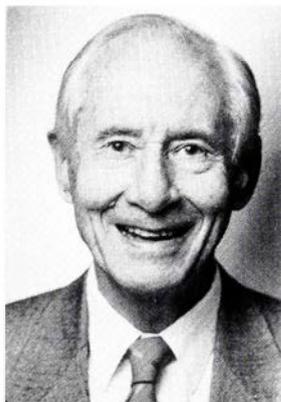
DOCTOR OF LETTERS *honoris causa*

**Joan Brassil**, DipT *Syd. Teachers' Coll.*,  
GradDip *UNSW*, DCA *W'gong*.

Joan Brassil is venerated as one of Australia's most eminent senior women artists, as a mentor for generations of young artists, particularly those striving to use advanced technologies in their work, and as an inspiring arts educator.

Joan Brassil's major contribution to the Australian community and the culture of this country has been as a pioneer in the innovative deployment of new technologies and science in her art practice. By means of an examination of invisible energies she poses the profound question: Can it be that the everlasting is ever-changing? Her poetic art works are as much an exploration of the transitory as a celebration of the human spirit and the problematics of our place within natural phenomena.

Joan Brassil has been an inspiration, role model and mentor for her peers, art students, young artists and, more particularly, women artists.



DOCTOR OF SCIENCE *honoris causa*

**Murray Chilvers Kemp**, BCom MA *Melb.*,  
PhD *Johns H.*, Hon.DPolSc *Kiel*,  
Hon.DSocSc *Laval (Quebec)*

Murray Kemp is one of the small band of theoretical economists who formalised the pure theory of international trade through the 1950s and 60s. His work has had a profound impact on the critically important area of economic research which before this was somewhat complacently preoccupied with macroeconomic concerns. It was through trade theory that microeconomic theory found its way out of the textbooks again. International trade theory has constituted his abiding interest, even passion, ever since.

Murray Kemp has left his imprint on almost every aspect of economic literature. He has played three major roles in his contribution to trade theory: the mathematisation of standard theory; the relaxation of the conditions which were thought necessary to underpin the trade theory of the 50s; and work on the gains from trade and compensation.

No researcher in these crucial areas works without knowledge and acknowledgment of Murray Kemp's work.



DOCTOR OF SCIENCE *honoris causa*

**Gabrielle Kibble**, AO, BA DipTCP Syd.,  
FRAPI

Gabrielle Kibble has had enormous influence over urban planning in New South Wales. Her work will continue to shape the future of our cities well into the next century.

As Director of Planning and Director of Housing, she was responsible for two of the pivotal state departments charged with the future of the state's development. She had to grapple with rapid change in both the discipline and profession and has undeniably responded to these enormous challenges with positive, creative and innovative solutions. She has been at the forefront of Australian planning during this era.

Gabrielle Kibble has provided a strong role model for women. Her success was direct evidence that women can rise to very high positions in the public sector.

She is an Adjunct Professor in the Faculty of the Built Environment and brings to this role a wealth of experience and a depth of understanding of the complex interplay of politics, policy and practice that characterise contemporary planning.



DOCTOR OF SCIENCE *honoris causa*

**Ronald Lu**, BArch UNSW, MArch(AS) M.I.T.,  
FRAIA, RIBA, HKIA, SIA, ARCUK (UK),  
NCARB Certified (USA)

Ronald Lu has been described as an architectural ambassador for his outstanding achievements in architecture and his intellectual commitment to architecture reflecting a nation's culture and heritage.

In the three decades that he has been in practice, Ronald Lu has been involved with projects encompassing all types of buildings and design, from interior design and townhouses to multistorey office buildings and large shopping centres. For his civil and institutional buildings, he is especially careful to achieve human scale, a user-friendly ambience and a balanced, multi-cultural international attitude. Through his projects in China, for instance, he introduced design that integrates Western technology with traditional Chinese culture.

In 1987 he was approached by the Chinese government to design the Chinese Embassy in Canberra. It is considered to be one of Canberra's showpieces and Ronald Lu regards it as one of his most satisfying achievements.



DOCTOR OF SCIENCE *honoris causa*

**Mark Anthony Taylor**, BSurv *UNSW*

Mark Taylor is the 1999 Australian of the Year. Through his leadership of the Australian Cricket Team, his outstanding sportsmanship and his formidable batting, he will remain a role model for young and old Australian alike. He embodies the attributes of the fair dinkum Aussie: casual, friendly, yet not to be underestimated.

He was a friendly foe and an unflappable Captain who brought a new spirit of sportsmanship and respect into the Australian XI.

When Mark Taylor announced his retirement from test cricket, he left the way he arrived, quietly and humbly. Not only were his own achievements outstanding but all Australians respected his dignity, fair play and even temperament on and off the field.

He is the perfect ambassador for Australia and for sport.

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