



WARRANE COLLEGE  
THE UNIVERSITY OF NEW SOUTH WALES



2009  
ANNUAL REPORT

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## I. REVIEW OF THE YEAR

### STATEMENT FROM THE MASTER

The year 2009 marked the completion of a decade-long refurbishing of the College from top to bottom at a cost of more than ten times the original capital cost of the whole building! For this we must once again thank the donors for their generosity, as the building costs are kept separate from the operating income, most of which comes from student fees.

Various parts of the College had to be closed from time to time so that the College could keep operating continually despite the disruptions. The residents over the last ten years have been remarkably patient, given the amount of noise and the number of workmen on the premises.

To mark the end of this major reconstruction phase in the history of the College, the Governor of New South Wales, Her Excellency Professor Marie Bashir AC CVO, kindly consented to re-open the College on 2 September 2009 with a special, suitably engraved, marble stone. The original foundation stone, on display in the foyer, had been laid almost forty years ago by one of Professor Bashir's predecessors as Governor of New South Wales, His Excellency Sir Roden Cutler VC KCMG KCVO CBE. Present on both occasions was the Foundation Master of Warrane, (now Rev.) Dr Joseph Martins PhD (Harvard) PhD (PUSC Rome).

Professor Bashir, accompanied by her husband, Sir Nicholas Shehadie AC Kt cr OBE, delivered the Warrane Lecture on 2 September 2009. This marked the beginning of the formal celebrations to mark the 40th anniversary of the commencement of Warrane. Sir Nicholas had previously visited Warrane when he was Lord Mayor of the City of Sydney.

We now have in place an ambitious plan to refurbish the College Chapel: already some spontaneous donations have come in from generous benefactors who value the role of the Chapel in the life of the College.



## PURPOSE AND GOALS

Residential colleges form a basic part of many Australian universities. They provide students with a home where scholarship can be fostered and the broader aims of university life can become a reality. Warrane College, as an affiliated residential college for men at the University of New South Wales, exists to serve these ends.

Although Warrane is a university residential college, we are not primarily a residence. University colleges are far more than bed and breakfast facilities on campus. We are here to help in the formation of young men to be leaders in the community: good professionals, good citizens, good husbands, good fathers.

The environment of the College encourages friendship and the development of character. It is open to students of all nationalities and faiths, both undergraduate and postgraduate. In 2009 there were students, from first year to research degree, from across Australia (rural areas and interstate, as well as outer metropolitan) and many different countries (Europe, Asia, the Pacific and America).

One of the first impressions made on visitors to Warrane is that it is clean, tidy and tastefully decorated. One of the main aims of the College is to provide a family-like environment in which each resident knows that he is appreciated for who he is. As well as academic tutors for the main fields of study, there are also resident tutors on each floor who foster the personal development of residents and help to ensure that study conditions are maintained.

The general pastoral care of Warrane has been entrusted to Opus Dei, a personal prelature of the Catholic Church.

## LINKS WITH UNSW

The College also cooperated with the Faculty of Engineering by supporting that Faculty's Rural Scholarships Program. In fact, in 2009 Warrane established two "Warrane College Engineering Residential Scholarships" in partnership with that Faculty of UNSW.

The Warrane recipient of the BHP Billiton Mitsubishi Alliance (BMA) Rural Scholarship in Mining Engineering in 2009 was Paul Carmichael. Lachlan Daly was awarded a Faculty of Engineering 2009 Co-op Scholarship in Computer Science. Ben Ting, an engineering student, was invited to morning tea with the Vice-Chancellor, Professor

Hilmer, in Ben's capacity as President of the Warrane College Students' Activities Committee for 2009.

Another scholarship winner is the Warrane College Director of Studies, Dr Mark Schembri, who has won a General Sir John Monash Higher Education Award to study at Harvard in 2010 and 2011.

A number of UNSW academics were invited to various functions at the College and others attended as Wednesday night guests. Some senior academics from the University were special guests at College Faculty Nights. The College continued its tradition of sending Christmas puddings, kindly supplied by the Household Administration, to senior staff of the University.

The College was represented at regular meetings of the Heads of UNSW Colleges. These meetings discuss issues of common concern and ways of cooperation among the Colleges and between the Colleges and the University.

## OCCASIONAL SPEAKERS

### Inaugural Dinner – Semester 1

11 March 2009: Mr Wayne Erickson JP DipLegSt (UNE) DipPhysEd (ACPE) FAIM, Principal, St Andrew's College, the University of Sydney

### College Scholars' Presentation Evening:

29 April 2009: Professor Les Field BSc PhD DSc (Sydney) FRACI FAA, Deputy Vice-Chancellor (Re-search), UNSW

### Inaugural Dinner – Semester 2

22 July 2009: Professor Alec Tzannes BSc (Arch) BArch (Sydney) MSC (Arch & Urb Des) (Columbia), Dean Faculty of the Built Environment, UNSW

### Warrane Lecture 2009:

2 September 2009: Her Excellency Professor Marie Bashir AC CVO DStJMB BS HonMD (Sydney) Hon DSc (UNSW & Wollongong) DUniv (ACU & SCU) FRANZCP, Governor of New South Wales: "The Legacy of Lachlan Macquarie, 5th Governor of New South Wales: an early contribution to the maturation of Australia"

## VALEDICTS' DINNER

14 October 2009: A valedict is a student of at least two years' standing who is finishing a degree. To mark the occasion they are presented with an engraved plaque which contains the Warrane shield, their name and course and the names of the Chairman of the College Council and the Master. A tribute to them is given by a fellow resident. The awards were made after formal dinner on 14 October. The names of the 2009 valedicts follow:

- Joseph Howard *Bachelor of Science*
- Sebastian James *Bachelor of Arts and Science*
- Andrew Subramaniam *Bachelor of Engineering*
- Damien Tsueng *Bachelor of Commerce*
- Albertus Whitney *Bachelor of Commerce*
- Nicholas Heng Loong Wong *Bachelor of Engineering*
- Tony Yoon *Bachelor of Fine Arts*
- Jude Zelime *Bachelor of Architecture*

## WARRANE COLLEGE LIFETIME ACHIEVEMENT AWARD:

The award for 2009 was made to Mr Les Wielinga, (Warrane 1972 – 1975), formerly Head of the NSW RTA, and later Sydney Metro, and now Director-General New South Wales Department of Transport and Infrastructure.

## WARRANE ASSOCIATION:

Warrane (Alumni) Association commenced a series of monthly lunches in the Sydney CBD in 2009. These are held in the basement of Portico Books in the City, and they are a means for alumni and friends to get together over lunch and to interact with a prominent guest from the Sydney business and professional community. The guests in 2009 included:

- April: Iggy Pintado, CEO & Co-Founder, ConnectGen.
- May: Paul Fleming, Director, Fleming Group of Companies.
- June: Stuart Sheary, Associate Adviser, Barry Mendel Frank & Co.
- August: James Chapman, Olympic Oarsman and former National Rowing Champion.

September: Michael Crouch AO, Executive Chairman & Owner, Zip Industries (Aust) Pty Ltd.

October: Alan Cameron AM, Deputy Chancellor, The University of Sydney.

Former Warrane residents also interact with the College and the professional development of its current residents by arranging industrial training places and mentoring residents for professional practice.

## SUBMISSIONS TO PUBLIC ENQUIRIES AND GOVERNMENT BODIES IN 2009:

- Strengthening the Australian Qualifications Framework: A Response to the Ministerial Council on Employment, Education and Youth Affairs.
- Setting and Monitoring Academic Standards for Australian Higher Education: Comments to the Australian Universities Quality Agency.
- Clinical Trials Protocols, The University of Hong Kong Clinical Trials Centre.

## OCCASIONAL VISITORS TO THE COLLEGE IN 2009:

5-10 May 2009: Visit of Seat of Wisdom (Sedes Sapientiae) Icon to UNSW and placed in the Warrane College Chapel

6 May 2009: Most Rev Dr Philip Wilson, Archbishop of Adelaide; President of the Australian Ca-tholic Bishops Conference

10 May 2009: Most Rev Dr Luc Matthys, Bishop of Armidale

29 July 2009: Professor Ron Newman, President, Raffles University, Singapore

29 July 2009: Dr Jeffery M Dambacher, CSIRO Mathematical & Information Sciences, Hobart

25 August 2009: Mr Daryn Moore, Partner – International Tax, Ernst & Young, Sydney

2 September 2009: Hon. John Aquilina. MLA for Riverstone, Leader, Legislative Assembly, NSW

**2 September 2009:** Her Honour Cecily Backhouse, Judge, District Court of NSW, Sydney

**2 September 2009:** Prof. Stephen Gatt OAM, Head of Anaesthetics, PoW Hospital, Randwick

**2 September 2009:** Sir Nicholas Shehadie, former Lord Mayor of Sydney, former Wallaby Captain

**2 September 2009:** Mr Andrew Tink, former MLA for Epping & Speaker, Legislative Assembly

**5 September 2009:** Rev Dr Roderick Vonhogen, Founder of Star Quest Production Network, The Netherlands

**8 September 2009:** Dr Jennifer Alexander, President & CEO, Royal Australasian College of Physicians, & Member, UNSW Council

**16 September 2009:** Dr Alastair McEwan, Lecturer in Electrical Engineering, The University of Sydney

**25 October 2009:** H.E. Sr Gerardo Bugallo, Consul-General for Spain

## 2. ACADEMIC ACTIVITIES

### TUTORIALS

Academic tutorials, designed to supplement and complement the lectures and tutorials of the University were provided to Warrane residents enrolled in the following Faculties:

- Commerce
- Engineering
- Medicine
- Law
- Arts
- Science

### COURSE IN LEADERSHIP AND MENTORING

This course was run over twelve weeks, with six in each semester. Although primarily developed for the benefit of senior Warrane residents, there has been external demand for participation in the course, so that the program has been repeated by Professor Shannon at other venues (though Warrane is the registered institutional member of the College of Teachers at the University of London Institute of Education with the course accredited in Warrane's name). The accompanying book, *The Generic Skills of Teacher Education*, was updated by the Master after spending parts of June and July at the Harvard Graduate School of Education, participating in a program entitled "Mind, Brain and Education".

### THE FOLLOWING PARTICIPANTS COMPLETED ALL THE REQUIREMENTS FOR AN AWARD IN 2009:

Buschiero, Luciano	Diploma of Educational Studies	External
Daintree, David	Diploma of Educational Studies	External
Cleary, Bejay	Diploma of Educational Studies	Warrane Resident
Davidson, Andrew	Certificate of Educational Studies	External
Game-Lopata, Jenny	Diploma of Educational Studies	External
Marian Foster	Diploma of Educational Studies	External

Holohan, Luke	Diploma of Educational Studies	External
Islam, Amitavo	Diploma of Educational Studies	External
Kolar, Angela Jenny	Diploma of Educational Studies	External
Lee, Ann	Diploma of Educational Studies	Warrane Resident
Mcinerney, Stephen	Diploma of Educational Studies	External
Rigg, James Lawrence	Diploma of Educational Studies	External
Rizzo, Susanna	Diploma of Educational Studies	External
Samaan, Andrew	Diploma of Educational Studies	Warrane Resident
Saunders, Scott	Diploma of Educational Studies	External
Subramaniam, Andrew	Diploma of Educational Studies	Warrane Resident
Ting, Ben	Diploma of Educational Studies	Warrane Resident
Tong, Luca Hey Fung	Diploma of Educational Studies	Warrane Resident
Wong, Heng Meng Jeremy	Diploma of Educational Studies	Warrane Resident
Wong, Heng Loong Nicholas	Diploma of Educational Studies	Warrane Resident

## WARRANE OCCASIONAL PAPERS

In order to capture the flavour of some of the superb Wednesday Night Formal Dinner talks, it was decided in 2007 to initiate Warrane Occasional Papers, where the speaker was willing and able to supply a copy of the talk, and if it was not published elsewhere. Other papers in the series relate to responses to public enquiries on higher education.

## WARRANE MONOGRAPHS

These monographs are published by the College. They deal with topics related to Warrane lectures and seminars. Number 18 in the series was published in 2009. Warrane Monograph Number 19, The Scope of Philosophy by John Young, has sold very well and is to be re-published by Gracewing in the UK and the University of Notre Dame Press in the USA.

## WARRANE NEWSLETTERS

These began in 2009 as a means of more rapid communication than the Warrane Journal. They were emailed to alumni, current residents and friends.

- May 2009: Welcome from the Master/Kenyan Workcamp/Dr Mark Schembri New Director of Studies/Nick Murphy Wins Scholarship/College Awards 2009 Scholarships and Bursaries.

- June 2009: College Scholars/University Medal/Icon at Warrane/ANZAC Day/Autumn Seminar/Parents' Day/UNIV Congress in Rome/Intercollege Sport

- September 2009: Visit of Prof Alec Tzannes/Surabaya Workcamp/Former Dean's New Position/Early Residents Return after Four Decades/David Bolton in Ireland/Master at Harvard

## COLLEGE SCHOLARS

Each year Warrane College designates as College Scholars those students whose average academic performance for that year was at distinction level or better. This is a considerable achievement.

A medallion for presentation to the Scholars was designed by Paul Dunn, an architecture student at the College in its Foundation Year, 1970. The residents who received medals for 2008 achievements are set out in the following table. It is worth noting that David Maunder has received four Warrane College Medals as well as the UNSW Medal in Electrical Engineering.

### College Scholars

Vivek Ambat  
Thoma s Bolton  
David Claridge  
Bejay Cleary  
Jonathan Cleary  
Paul Graham  
Arjna Kanagarajah  
Yong Hee Kim  
David Larkin  
Ann Lee  
Gary Leung  
Bo Li  
Samar Maker

### Course in 2008

Electrical Engineering I  
Optometry IV  
Computer Science II  
Computer Engineering IV  
Planning II  
Advanced Science I  
Medicine I  
Medicine III  
Aerospace Engineering I  
Mechanical & Manufacturing Engineering V  
Medicine II  
Actuarial Studies I  
Electrical Engineering II

David Maunder	Electrical Engineering V
Oliver Nawrot	Chemical Engineering III
John O'Callaghan	Planning III
Miguel Paredes	Architecture III
Dallas Platt	Industrial Chemistry I
Andrew Subramaniam	Engineering/Commerce III
Benjamin Ting	Mechanical & Manufacturing Engineering II
Damian Tseng	Commerce II
Aaron Walsh	Petroleum Engineering II
Nicholas Wong	Electrical Engineering III
Jeremy Wong	Electrical Engineering/Science II
Nicholas Woodward	Surveying & Spatial Systems II
Jude Zelime	Architecture II

The medals were presented by Professor Les Field, the Deputy Vice-Chancellor (Research) of UNSW. There were also about twelve UNSW academics from the Scholars' Schools at the University who attended to honour their students. They included Professor Graham Davies, Dean of the Faculty of Engineering, and Peter Williams, Head of the School of Planning.

### MASTER'S AWARDS FOR ACADEMIC ACHIEVEMENT

These awards were introduced to encourage and to honour academic achievements during the course of each Session.

Jonathan Wenzel, Faculty of Science, for scoring 100% in a Mathematics 1031 Class examination, 22 April 2009.

Nicholas Heng Loong Wong, Faculty of Engineering, for the Dean's Award for the top marks in Electrical Engineering III, 22 April 2009.

Christopher Rowland, Faculty of Engineering, for a mark of 100% in the "Geomechanics" assignment, 22 April 2009.

Christopher Rowland, Faculty of Engineering, for first place in the "Resource Estimation" examination, 22 April 2009.

Joseph Reinhard, Faculty of Engineering, for a mark of 100% in the "Geomechanics" assignment, 22 April 2009.

Benjamin Ting, Faculty of Engineering, for the award of the Graham Painton Prize for the best undergraduate thesis in the field of cost-effective manufacturing in Australia, 29 April 2009.

Jonathan Wenzel, Faculty of Science, for a mark of 100% in the mid-Session examination for Aviation Engineering, 6 May 2009.

Ashley Smith, Faculty of Engineering, for a mark of 100% in the mid-Session examination for Engineering Mathematics 2E, 6 May 2009.

Truman Mak, Australian School of Business, for the Dean's Award for Academic Excellence, 13 May 2009.

Truman Mak, Australian School of Business, for a mark of 98% in a Macro-Economics examination, 13 May 2009.

Andrew Subramaniam, Faculty of Engineering, for the Dean's 2008 Award for Academic Excellence, 27 May 2009.

Michael Cooper, Faculty of Engineering, for a mark of 100% in the Road Design Assignment: "Sustainable Highway & Transport Engineering" (CVEN3401), 3 June 2009.

David Mullane, Australian School of Business, for a mark of 100% in an assignment in Microeconomics I, 3 June 2009.

Timothy Gotts, Faculty of Engineering, for a mark of 100% in the Road Design Assignment: "Sustainable Highway & Transport Engineering" (CVEN3401), 3 June 2009.

Nicholas Mortimer, Australian School of Business, for a mark of 98% in the mid-Session examination in Accounting I, 3 June 2009.

Mark Keulen, Faculty of Engineering, for a mark of 100% in an assignment in Water Resources Engineering, 3 June 2009.

Truman Mak, Australian School of Business and Faculty of Law, for an average mark over 90% in the Semester 1 examinations. 12 August 2009.



Nicholas Murphy, Faculty of Science, for an average mark over 90% in the Semester 1 examinations. 12 August 2009.

Jeremy Wong Heng Meng, Faculty of Engineering, for an average mark over 90% in the Semester 1 examinations. 12 August 2009.

Nicholas Wong Heng Loong, Faculty of Engineering, for a paper entitled "Linear Analog Network-Coded OFDM in Two-way Relay Channels" at the Asia Pacific Wireless Communications Symposium, Seoul, Korea, (20-21 August 2009).

Christopher Pidcock, Sydney Conservatorium, Winner of the Nelson Meers Foundation Instrumentalist Scholarship (16-25 years) at the 2009 City of Sydney Eisteddford. 2 September 2009.

## FACULTY CLUBS

These clubs bring together UNSW academics and students from different faculties of the University.

### Guests included:

**25 August 2009:** Mr Ron Crowe, former Managing Partner, Ernst & Young

**21 September 2009:** Professor Nicodemus Tedia, Department of Pathology, School of Medical Sciences, UNSW

**28 September 2009:** Professor Eliathamby Ambikairajah, Head, School of Electrical Engineering & Telecommunications, UNSW

**8 October 2009:** Mr Nicholas Owens, Barrister, Wentworth Chambers

**13 October 2009:** Dr Jennifer Alexander, President & CEO, Royal Australasian College of Physicians

## "TEMPERANCE REVISITED" WARRANE 2009 SEMINAR (2 MAY)

### Topics:

- Temperance in Australia: The Restraint Project (Prof J Franklin)
- Self-Control in the Big Scheme of Things (A Mullins)
- Temperance and the Modern Temper: Aristotle and Aquinas Revisited (L Smith)
- From Moral to Medical: the Retreat of Self-Control in Australia in the Twentieth Century (J Stove)

## SCHOLARLY WORK PUBLICATIONS (WHICH FIRST APPEARED IN 2009)

Atanassov, K.T., Dimitar Dimitrov, A.G. Shannon. 2009. A Remark on  $\phi$ -function and Fibonacci Sequence. *Notes on Number Theory and Discrete Mathematics*. 15 (1): 1-11.

Atanassov, K.T., A.G. Shannon. 2008. A Fibonacci Cylinder. *Notes on Number Theory & Discrete Mathematics*. 14 (4): 4-9.

Carmichael, Rob, Tony Shannon. 2009. *Report of an Audit of The Gordon Institute of TAFE (Higher Education)*. Melbourne: Australian Universities Quality Agency. (Audit Report No.71) [ISBN 978-1-921561-04-7]

Chakarov, Vihren, Anthony G. Shannon, Joseph G. Sorsich, Krassimir T. Atanassov. 2008. Generalized Net Model of the Endocrine System. *Comptes rendus de l'Académie bulgare des Sciences*. Tome 61 (6): 705-712.

Chountas, Panagiotis, M. Alzebedi, A.G. Shannon, K.T. Atanassov. 2009. On Intuitionistic Fuzzy Trees. *Notes on Intuitionistic Fuzzy Sets*. 15 (1): 42-44.

Chountas, Panagiotis, Anthony Shannon, Parvathi Rangasamy, Krassimir Atanassov. 2009. On Intuitionistic Fuzzy Trees and Their Index Matrix Interpretation. *Notes on Intuitionistic Fuzzy Sets*. 15(4): 52-56.

Choy, Yee Hung, A.G. Shannon. 2009. Evidentiary Standards in Medicine with Particular Reference to Metaanalysis. *Bioautomation*. 12: 82-87.

Elias, Phillip (ed.). 2009. *Temperance Revisited: A Call for Restraint in Contemporary Australia*. Kensington, NSW: Warrane College Monograph No.18.

Kawakami, Ikuo. 2009. *Children Crossing Borders and Japanese Language Education*. Tokyo: Akashi Shoten.

Leyendekkers, J.V., A.G. Shannon. 2008. Analysis of Primes Using Right-End-Digits and Integer Structure. *Notes on Number Theory & Discrete Mathematics*. 14 (3): 1-10.

Leyendekkers, J.V., A.G. Shannon. 2008. The Identification of Rows in the Modular Ring 9. *Notes on Number Theory & Discrete Mathematics*. 14 (4): 10-16.

Leyendekkers, Jean V., A.G. Shannon, C.K. Wong. 2009. *The Spectra of Primes. Proceedings of the Jangjeon Mathematical Society*. 12(1): 1-10.

Leyendekkers, J.V., A.G.Shannon. 2009. The Integer Structure of the Difference of Two Odd-powered Odd Integers. *Notes on Number Theory and Discrete Mathematics*. 15(3): 12-21.

Leyendekkers, J.V., A.G.Shannon, C.K. Wong. 2009. Structure and Spectra of the Components of Primitive Pythagorean Triples and Fermat's Last Theorem. *Notes on Number Theory and Dis-crete Mathematics*. 15(4): 13-24.

McComb, Adrian, Paul O'Halloran, A.G. Shannon. 2009. *COPHE Submission on the Proposal for Strengthening the Australian Qualifications Framework*. Sydney: Australian Council for Private Higher Education, pp.8.

McComb, Adrian, A.G. Shannon, Paul O'Halloran. 2009. *COPHE Response to Consultation Paper of the AQF Council: Strengthening the AQF*. Sydney: Australian Council for Private Higher Education, pp.5.

Pencheva, Tania, K. Atanassov, A. Shannon. 2009. Modelling of a Roulette Wheel Selection Operator in Genetic Algorithms Using Generalized Nets. *Bioautomation*. 13(4): 257-264.

Roeva ., K. Atanassov, A. Shannon. 2008. Generalized Net for Selection of Genetic Algorithm Operators, *Annual of "Informatics" Section, Union of Scientists in Bulgaria*, Vol. 1: 117-126.

Shannon, Tony. 2009. Some Comments on the Bradley Review of Higher Education in Australia. *Warrane Occasional Papers*. No.5.

Shannon, Tony. 2009. Strengthening the Australian Qualifications Framework: A Response. *Warrane Occasional Papers*, No.6, June.

Shannon, Tony. 2009. Comments on Setting and Monitoring Academic Standards for Australian Higher Education. *Warrane Occasional Papers*, No.7, July.

Shannon, Tony. 2009. From Universities Admission Index to Australian Tertiary Admission Rank: A Briefing Paper. *Warrane Occasional Papers*, No.8, August.

Shannon, A.G. 2008. Cycles of Binomial Coefficients. *Notes on Number Theory & Discrete Mathematics*. 14 (3): 19-24.

Shannon, A. 2009. Generalized Fibonacci Matrices in Medicine. *Notes on Number Theory and Discrete Mathematics*. 15(1): 12-21.

Shannon, A., Yee Hung Choy. 2009. Generalized Nets for the Diagnosis and Management of Diabetic Nephropathy. *Bioautomation*. 13 (3): 73-82.

Shannon, A.G. C.K. Wong. 2008. Some Properties of Generalized Third Order Pell Numbers. *Notes on Number Theory & Discrete Mathematics*. 14 (4): 16-24.

Shannon, Anthony, C.K. Wong. 2009. Meta-analytic Tools for Research on Gestational Diabetes Mellitus. *Bioautomation*. 13(2): 73-83.

Toranzo, Pedro J. 2009. Sustainable Development, Sustainability, Climate Change and Beyond. *Warrane Occasional Papers*, No.9, September.

## CONFERENCE/WORKSHOP PRESENTATIONS (2009)

Chountas, P., A.G. Shannon, K.T. Atanassov. 2009. On Intuitionistic Fuzzy Trees. 13th *International Conference on Intuitionistic Fuzzy Sets*, Bulgarian Academy of Sciences, 9-10 May 2009.

Chountas, Panagiotis, Anthony Shannon, Parvathi Rangasamy, Krassimir Atanassov. 2009. On Intuitionistic Fuzzy Trees and Their Index Matrix Interpretation. 5th *International Workshop on Intuitionistic Fuzzy Sets*, Banska Bystrica, Slovakia, 19 October 2009.

Franklin, James. 2009. Temperance in Australia: The Restraint Project. *Warrane College Semi-nar: Temperance Revisited*, 2 May.

Mullins, Andrew. 2009. Self-Control in the Big Scheme of Things. *Warrane College Seminar: Temperance Revisited*, 2 May.

Pencheva, T., K.T. Atanassov, A.G. Shannon. 2009. Modelling of a Roulette Wheel Selection Operator in Genetic Algorithms Using Generalized Nets. *1st International Conference on Biomedical and Bioprocess Engineering, BM&BP'2009*, Sofia, Bulgaria, 3-4 December.

Pencheva, Tania, K. Atanassov, A. Shannon. 2009. Modelling of a Stochastic Sampling Selection Operator in Genetic Algorithms Using Generalized Nets. *10th International Workshop on Generalized Nets*, Sophia, Bulgarian Academy of Sciences, 5 December.

Roeva O., A. Shannon. 2008. A Generalized Net Model of Mutation Operator of the Breeder Genetic Algorithm, *Proceedings of 9th International Workshop on Generalized Nets*, Sofia, Bulgaria, July 4, Vol. 2, 59-63.

Shannon, A.G. 2009. Australian Universities Quality Audits: Why and What? *Australian Institute of Music Alignment Day*, AIM, Surry Hills, 25 June.

Shannon, A.G. 2009. An Introduction to the AUQA Scheme – Setting the Scene. *Council of private Higher Education Library Network Seminar*. Campion College, Toongabbie, 26 June.

Shannon, A.G. 2009. Presentations to Alignment Groups. *Mind, Brain & Education Workshop*, Harvard Graduate School of Education, 29 June – 3 July.

Shannon, A., Dimitar Dimitrakov, Evdokia Sotirova, Maciej Krawczak, Taekyun Kim. 2009. Towards a Model of the Digital University: Generalized Net Model of Appraisal of Lecturers with Intuitionistic Fuzzy Estimations. *Cybernetics and Information Technologies*. 9(2): 69-78.

Shannon, A. Orozova, E. Sotirova, K. Atanassov, M. Krawczak, P. Melo-Pinto, R. Nikolov, S. Sotirov, T. Kim. 2008. Towards a Model of the Digital University: A Generalized Net Model for Producing Course Timetables. *Proceedings of IEEE "Intelligent Systems"*, 4 (16): 25-28.

Shannon, A., B. Riecan, D. Orozova, E. Sotirova, K. Atanassov, M. Krawczak, P. Georgiev, R. Nikolov, T.Kim. 2008. A Method for Ordering of University Subjects Using Intuitionistic Fuzzy Evaluation. *Notes on Intuitionistic Fuzzy Sets*.14 (2): 84-87.

Shannon, A.G. 2009. Higher Education Providers in Australia. *Department of International Relations Seminar*, Istanbul Kültür University, Turkey, 7 December.

Shannon, A.G. 2009. Pre-hepatic Beta-cell Insulin Secretion Rates in non-T1 Diabetes Mellitus. *Department of Mathematics & Computer Science Seminar*, Bahçesehir University, Istanbul, Turkey, 8 December.

Smith, Lucy. 2009. Temperance and the Modern Temper: Aristotle and Aquinas Revisited. *Warrane College Seminar: Temperance Revisited*, 2 May.

Stove, Judy. 2009. From Moral to Medical: the Retreat of Self-Control in Australia in the Twentieth Century. *Warrane College Seminar: Temperance Revisited*, 2 May.

Wong, Nicholas Heng Loong, Sumei Sun, Chin Keong Ho. 2009. Linear Analog Network-Coded OFDM in Two-way Relay Channels. *Asia Pacific Wireless Communications Symposium, APWCS'09*, Seoul, Korea, 20-21 August.

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Adrian McComb	Council of Private Higher Education
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Evdokija Sotirova	Prof Asen Zlatarov University, Bourgas, Bulgaria
Sotir Sotirov	Prof Asen Zlatarov University, Bourgas, Bulgaria
Judy Stove	Restraint Project, The University of New South Wales
Sumei Sun	Institute for Infocomm Research, Singapore
Eulalia Szmidt	Polish Academy of Sciences, Warsaw, Poland
Pedro Toranzo	Compass Group Australia

## REVIEWING & CONFERENCES

The Master acted as a referee for the following journals and societies:

- Australasian Physical & Engineering Sciences in Medicine (NZ & Australia)
- Bulgarian Academy of Sciences
- The Fibonacci Quarterly (USA)
- Alexander von Humboldt Foundation (Germany)
- Institute of Electrical & Electronic Engineers (USA)
- Education Today (UK)
- Interdisciplinary Conference on Chemical, Mechanical & Materials Engineering 2009
- International Journal of General Systems (USA)
- International Journal of Mathematical Education in Science & Technology (UK)
- Advanced Studies in Contemporary Mathematics (Korea)
- Transactions on Neural Systems & Rehabilitation Engineering

**Professor Shannon was a member of the Program Committees for several international conferences in 2009:**

- 12th International Conference on Intuitionistic Fuzzy Sets, ICIFS'2009, Sofia, Bulgaria, 9-10 May 2009
- 5th International Workshop on Intuitionistic Fuzzy Sets, Banska Bystrica, Slovakia, 19 October 2009
- 1st International Conference on Biomedical and Bioprocess Engineering, BM&BP'2009, Sofia, Bulgaria, 3-4 December 2009

- 10th International Workshop on Generalized Nets, Sofia, Bulgaria, 5 December 2009
- 5th IEEE International Conference on Intelligent Systems IS'10, 7-9 July 2010
- 14th International Conference on Fibonacci Numbers and their Applications, Morelia, Mexico, 5-9 July 2010

#### He was also

- a member of the Board of Trustees, Campion College, Sydney,
- a recipient of a Jubilee Diploma from the Bulgarian Union of Scientists for "long-term scientific collaboration with the Informatics Section of the USB"
- Chair of the Learning & Teaching Committee and a member of the Academic Board, Australian Institute of Music, Sydney
- a PhD co-supervisor, Faculty of Arts, the University of Sydney;
- a PhD supervisor, Faculty of Science & Technology, Raffles University, Singapore
- a PhD examiner at the University of Technology, Sydney.

#### Editorial Boards

Staff served on the Editorial Boards of the following academic journals during 2009:

- Advanced Studies in Contemporary Mathematics (Managing Editor)
- International Journal of Mathematical Education in Science & Technology
- International Journal of Parallelism and Fuzziness
- BioAutomation
- Education Today
- Notes on Intuitionistic Fuzzy Sets
- Notes on Number Theory & Discrete Mathematics (Joint Chair)

## 3. CO-CURRICULAR ACTIVITIES

### WEDNESDAY NIGHT GUESTS

A feature of Warrane College life during its thirty nine years has been the Wednesday Night Formal Dinner. During this period, just over four hundred professional people have been speakers at these dinners. These guests have been leaders in their professions with accomplishments in a variety of fields. Twenty two former residents have also been Wednesday Night Guests.

As well as giving appropriate after dinner presentations, the guests mingle with residents during pre and post dinner drinks, so that residents have the opportunity to see the deportment and manners of successful professionals. Frequently too these guests subsequently invite residents who are studying in their fields to visit their workplaces, thus also initiating opportunities for professional networking.

#### The Wednesday Night Guests during 2009 were:

**11 March 2009:** Mr Wayne Erickson JP MBA DipLegSt (UNE) DipPhysEd (ACPE) FAIM, Principal, St Andrew's College, The University of Sydney; former International Rugby Referee

**25 March 2009:** Mr Rod McCall, Director IPG Print, Australian Rugby Union Director, and former Australian Rugby Union Wallaby Captain and current Director of the ARU

**1 April 2009:** Mr Rick Kullander BA (Loras College), Public Speaker and Columnist, Cedar Rapids, Iowa, USA

**8 April 2009:** The Hon Barry O'Keefe AM QC LLB (Hons) (Sydney) FIAA, Former Commissioner of the Independent Commission against Corruption, Immediate Past President of the National Trust

**22 April 2009:** Mr Richard Whitaker BA (Macquarie) Dip Met (Melbourne), Senior Meteorologist, The Weather Channel

**29 April 2009:** Professor Les Field BSc PhD DSc (Sydney) FRACI FAA, Deputy Vice-Chancellor (Research), the University of New South Wales

**6 May 2009:** The Hon Graham West MLA BCom (Wollongong), Minister for Veterans Affairs, Minister for Justice, Minister for Youth Affairs, Minister for Volunteering, NSW Parliament

**13 May 2009:** Mr José Cruz, Mexican Chef and Restaurateur, owner of Aztecas Restaurant, Randwick

**20 May 2009:** Mr Anthony Howard BTh (MCD), Chief Executive Officer (Australia), Merrick & Co, a multinational company based in the UK, specialising in mentoring CEOs by CEOs.

**27 May 2009:** Emeritus Professor David Flint AM LLB LLM (Sydney) BSc (Econ) (London) DSU (Paris), President, English Speaking Union & National Convenor, Australians for Constitutional Monarchy.

**22 July 2009:** Professor Alec Tzannes BSc (Arch) BArch (Sydney) MSc (Arch & Urb Des) (Columbia), Dean Faculty of the Built Environment, UNSW.

**5 August 2009:** Mr Pedro Toranzo LicD (Pontifica Universidad Católica Argentina) MEnv Law (Universidad Austral) MEnvMan (UNSW), National Manager (Environment & Sustainability) Compass Group Australia.

**12 August 2009:** Ms Kate Waterhouse BA DipFashDes (Macleay), Fashion Editor, The Sydney Morning Herald.

**19 August 2009:** His Eminence George Cardinal Pell AC STL DD (Urban) DPhil (Oxford) MEd (Monash), Archbishop of Sydney.

**26 August 2009:** Mrs Mary-Louise Fowler, Vice-President, Australian Family Association.

**2 September 2009:** Her Excellency Professor Marie Bashir AC CVO DStJMB BS HonMD (Sydney) Hon DSc (UNSW & Wollongong) DUniv (ACU & SCU) FRANZCP, Governor of New South Wales

**16 September 2009:** Professor Neil Weste BSc BE (Elec) PhD (Adelaide) FIEEE, Inventor, and Director (Engineering), Cisco Wireless Networking Business Unit

**23 September 2009:** Mr Andrew Tink BA LLB (ANU) FCPA AFS, Former Member of NSW State Parliament, Barrister-at-Law, Historian

**30 September 2009:** Ms Maggie Hamilton MA (Syd), Author

**21 October 2009:** Mr James Chapman BBus (UTS), Olympic Oarsman and Banker

## CULTURAL LIFE

Former Warrane residents interact with the College and its current residents in a variety of ways:

- generous donations;
- contacts for Wednesday Night Guests;
- industrial training places;
- advice on professional presentation skills: interview techniques; cv presentation, etc;
- sports matches.

## 2009 OUTSTANDING 1ST YEAR COLLEGIAN AWARD

(in memory of Bevan Corbett 1985-2006)

- Matthew Saxby

## CULTURAL AWARDS 2009:

- Chris Ho
- Truman Mak
- Christopher Pidcock
- Albertus Whitney
- Keith Yeung
- Miguel Zaragosa

## STUDENT ACTIVITIES COMMITTEE

The Student Activities Committee is responsible for organising a range of activities of a cultural, social and sporting nature throughout the year. It also represents student views to the Master. The composition of its executive in 2009 was:

- President: Ben Ting
- Secretary: Alex Perrotet
- Treasurer: Dom She
- Sports Directors: Hugo Reynolds & Thomas McManus
- Cultural Director: Nick Woodward
- Amenities Director: Ashley Smith
- Social Directors: Sachin Devalia & Tom Meredith

The Warrane College Annual Ball was held on 21 August 2009 at the Taronga Park Zoo. Emeritus Professor David Barker AM, a Fellow of the College, was the occasional speaker.

## COMMUNITY SERVICE PROJECTS

### Background

For the past 39 years, Warrane College has been involved with various community service programs in an attempt to give a hand to those in need. We have concentrated our efforts in helping those who are in our immediate neighbourhood or in nearby suburbs. Not only does volunteering help us “give back” something to the community, but it opens up tremendous horizons in meeting terrific people who are in real need. In 2009 we have continued our commitment in helping the needy in our community by volunteering in the following service initiatives.

### ST VINCENT DE PAUL'S NIGHT PATROL

This project involves giving out food and hot drinks to the homeless in the Sydney CBD area one Sunday night each month. The food is prepared on the night so that it can be given out at designated stops in the city centre. The night begins at the St Vincent de Paul's Centre at Lewisham at 7:30pm and usually ends at around 12:30am depending on the number of people who are served.

The College residents also collected a donation for Caritas Australia as part of Project Compassion.

## WORKCAMPS

Each year for more than 20 years, some Warrane students participate in work camps to help struggling communities in Australia and overseas. Participants of the workcamps raise money with their own initiatives to pay their way, but they usually find that they get as much out of the experience as the locals. The essential criteria for the participants are a sporting spirit, a desire to help others and the ability to work in a group.

Workcamps have been held across the Pacific Rim, parts of Asia and at several Aboriginal communities within Australia. These volunteer service projects aim to address the immediate welfare and sustainable development of the various communities. Workcamps started in 1987 with the intention to serve people in need in developing countries and disadvantaged communities within Australia; and to encourage the generosity and sense of solidarity of young Australians. Workcamps are a unique experience, and contribute in a number of ways to the community. Recent workcamps have been held in Vutia (Fiji), Balgo (Western Australia), Maggona (Sri Lanka), Nu-kualofa (Tonga) and Meru (Kenya).

The Warrane Workcamp in 2009 was held in Blora (Indonesia). The group of 20 UNSW students spent three weeks immersed in this semi-rural area of central Java. There were two broad aims: to work on a school classroom extension of a local high school, and to provide English language training to school children.

The participants of workcamps meet their own accommodation and travel expenses as well as part of the project cost. A number of companies and individuals cover the remaining costs of the project by means of donations and sponsorship. The viability and the success of the project depend largely on the generosity of the sponsors.

## CATECHISM CLASSES

A number of residents were active in giving Catechism classes in a State school, namely, Sydney Boys' High School.

## SPORT

Each year presentations are made to residents for achievements in sports. These take the form of medallions and trophies as well as certificates for blues and half-blues. The presentations are usually made by a prominent sportsman.

Sport has traditionally been an important part of life at Warrane. It fosters college spirit with rivalry between floors within the college and competition among the other university colleges on the campus; it also provides opportunities for students to develop life-long habits of keeping physically fit, and it helps residents balance their often intense academic activities. "The Willy Wong Sportsman of the Week" award is made at the Wednesday night formal dinners. There was also an annual sports awards dinner on 21 October 2009 at which Mr James Chapman, an Olympic Oarsman, presented the awards at the Sports Awards Dinner to the following residents:

## CARNIVALS

Touch Football	Oliver Perrotet
Volleyball	Simon Meares
Cross Country	Nicholas Wooward
Netball	Xavier Brennan
AFL	Vincent Meney
Rugby League (Les Weilinga Trophy)	Nicholas Mortimer
Water Polo	William Yates

## MAJOR SPORTS

Rugby	Thomas Wall and William Hall
Hockey	Matthew Brindley
Tennis	Truman Biro
Soccer	Paul Carmichael
Basketball	Xavier Brennan & John Paul Zambrano

## OTHER AWARDS

Coach of the Year	Miguel Zaragoza (Basketball)
Captain of the Year	Christopher Rowland (Rugby)
Supporter of the Year	Timothy Hudson
Most Dedicated Sportsman of the Year	Nicholas Mortimer
Sportsman of the Year	Thomas Wall

## IN INTER-COLLEGIATE SPORT, WARRANE WON

- Major Sports:  
Basketball
- Carnivals:  
Touch Football  
Cross Country

## 2009 BLUES IN MAJOR SPORTS:

- Rugby Union
  - Phillip Elias
  - Sebastian James
  - Simon Meares
  - Christopher Rowland
- Hockey
  - Matthew Brindley
  - Joseph Reinhard
  - Vekram Sambasivam
- Soccer
  - Sachin Devalia
  - Timothy Gotts
- Basketball
  - Xavier Brennan
  - Myron Raveendran
  - John Paul Zambrano
- Tennis
  - Naveen Kariyawasam



## 2009 HALF BLUES IN OTHER SPORTS:

- **AFL**  
Xavier Brennan  
Michael Cooper  
Nathan Radford
- **Cross Country**  
Nicholas Woodward
- **Rugby League**  
Hugo Reynolds
- **Touch Football**  
Praisooddy Sinnapurajar
- **Volleyball**  
Simon Meares
- **Netball**  
Xavier Brennan  
Nicholas Woodward

### The Criteria for a Blue or a Half Blue:

- Represented the College in 70% of possible games in that sport over two years, and at least one of:
- received at least one Willie Wong Award, or
- represented the University at some level in an official competition, or
- selected in a representative team during residence in College., or
- has captained the team in at least one of the two years in which he has played.

## 4. WARRANE PERSONNEL

### COLLEGE COUNCIL

**R Crowe - Chairman**  
*Dip Fin Services FCA*  
(Former Managing Partner,  
Ernst & Young)

**DJ Bolton**  
*MA BSc MEd JP*  
(Administrator)

**JL Arevalo**  
*BE MEngSc*  
(Educational Consultant)

**AM Escamilla**  
*BCom LLB*  
(Lawyer)

**AE Montgomery**  
*BCom CPA*  
(Chartered Accountant)

**FJ Casadesus**  
*LicD*  
(Lawyer) - Secretary

### HONORARY FELLOWS

**Professor DLA Barker AM**  
*LLB MPhil LLM DipLG FAL FCIS FAIM*  
*FIMgt FACE*  
(Former Dean of Law, UTS)

**His Eminence Cardinal E B Clancy AC**  
*LSS DD*  
(Former Archbishop of Sydney)

**Dr CR French**  
*MB BS BSc(Med) PhD FRACP*  
(Former Master)

**Mr JR Johnson**  
*KCSG*  
(President Emeritus, Legislative  
Council of NSW)

**Rev Dr JF Martins**  
*SB MA PhD (Chem) PhD (Phil)*  
(Former Master)

**Professor RW Woodhead**  
*BE ME FIEAust FIQ*  
(Emeritus Professor of Civil  
Engineering, UNSW)

## ADMINISTRATION

**Emeritus Professor AG  
(Tony) Shannon AM**  
*PhD EdD DSc CMath FCP*  
*FACE FIMA FAustMS*  
Master

**Mr Arthur Escamilla**  
*BCom LLB (Hons)*  
Dean

**Mr David Curran**  
*ACMA*  
Bursar

**Mr AJD (Alexander) Perrottet**  
*BA LLB Grad Dip Leg Prac*  
Assistant Dean (Resources)

**Mr Miguel Paredes**  
*BArch*  
Assistant Dean (Studies)

**Dr Phil Elias**  
*BA (Hons) BSc (Med) MB BS Dip Ed St*  
Senior Academic Adviser

**Rev Dr Joe Pro**  
*MBioEng PhD*  
Chaplain

**Rev Dr Anthony Khoudair**  
*MB BS SThD*  
Assistant Chaplain

**Dr Mark Schembri**  
*BVetSc MRACVS*  
Director of Studies

**Dr CK Wong**  
*MSc MEngSc MAppSc PhD*  
Administrative Assistant

**Mr Max Brown**  
*Reception*

**Mr Severino Guerrero**  
*Maintenance*

**Mr Paul Avila**  
*Maintenance*

## ACADEMIC FELLOWS

**Prof Robert Chung**  
*BSc DrArch PGDipArchComp DipEdSt*  
*CArch FCoT*  
(Architect)

**Dr JBT McCaughan**  
*MSc PhD*  
(Physicist)

**Dr Preslav Markov**  
*MEng PhD*  
(Engineer)

**Professor George Mendz**  
*BSc PhD*  
(Biochemist)

**Visiting Scholars**  
*Prof Krassimir Atanassov*  
*PhD (Sofia) DSc DTech (BAS)*  
(Mathematician)

**Dr Jean V Leyendekkers**  
*BSc (Hons) DSc (Sydney)*  
(Scientist)

**Dr Youngdeok Lim**  
*BA (Econ) (Seoul) MSc PhD (KAIST)*  
(Accountant)

**Prof Richard Ollerton**  
*BSc DipEd (Sydney) MAppSc(NSWIT)*  
*PhD (UTS)*  
*CMath FACE FIMA FAustMS*  
(Mathematician)

## EXTERNAL EXAMINERS

**Prof Jim Athanasou**  
*BA (UNSW) MA (Sydney) LittB PhD*  
*(UNE) DipEd (Armidale CAE) MAPsS*  
(Diploma of Educational Studies)

**Prof JG (Peter) Sekhon**  
*BSc (UWA) MSc (Loughborough) PhD*  
*DipEd (UNE) FCP*  
(Certificate of Educational Studies)

## RESIDENTIAL TUTORS

Floor	Senior	Junior
3	Sebastian James	Luca Tong
4	Alex Perrotet	Ben Ting
5	Expo Mejia	Chris Rowland
6	Vekram Sambasivam	Miguel Paredes
7	John O'Callaghan	Ed Carroll

## ACADEMIC TUTORS

Name	Subjects
Hugh O'Dwyer	Arts
Matt Brindley	Computing & Chemistry
Nicholas Woodward & Tim Gotts	Mathematics & Statistics
Ann Lee & Ashley Smith	Mechanics
Truman Mak, Andrew Subramaniam, Damien Tseng	Commerce
Jeremy Wong	Science
Gordon Yoon	Business
Vekram Sambasivam, Neil Fernandes, Hasib Ahmadzai	Medicine

## ACADEMIC VISITORS

Dr Luis Javier Arrieta University of Navarre, Spain	Professor Dr Walter Selke RWTH Aachen, Germany
Dr Jeffrey Dambacher CSIRO Math & Info Sciences, Hobart	Professor Zenon Siloran University of Macau, China
Professor Ikuo Kawakami Waseda University, Tokyo, Japan	Professor Takashi Tachib University of Seoul, Korea
Professor Giulio Sapelli University of Milan, Italy	Professor J Neville Turner Monash University, Victoria
	Dr Wes Williams Texas A&M University, USA

## EXCHANGE/VISITING STUDENTS

To Warrane:	From Warrane:
Di Francesco, Alessandro Politecnico di Milano	Subramaniam, Andrew University of Texas at Austin, USA
Carter, Michael University of Otago, New Zealand	Witney, Albertus University of Manchester, UK
Geraci, Giovanni Politecnico di Milano	Yoon, Tony University of Illinois at Champaign, USA
Kaufmann, Alexander Jugendclub Abatros, Zurich, Switzerland	Paredes, Miguel Universidad Politecnica de Barcelona, Spain
Kawasaki, Noriyoshi Monash University	
Kurtisch-Smith, Trent University of Queensland	
Langman, Thomas Charles Sturt University	
Low, Shannon Melbourne University	
Papageorgiou, Vasil University of Adelaide	
Searle, James Swinburne University of Technology	
Taraq, Hasan Australian National University	
Arrollave Villacorta, José Monash University	

**MACQUARIE BANK INTERNSHIP PROGRAM  
(JANUARY 2009)**

Surname	Name	University
Cruz	Jan	Melbourne
Kirke	Darren	Western Australia
Liu	Simon	Melbourne
Mather	Virad	Curtin
Walsh	David	Queensland
Weltewitz	Florian	Queensland

**POSTGRADUATE RESIDENTS**

Surname	Usual Name	Course Name
Elias	Phillip	Medicine
Fernandes	Neil	Immunology
Lee	Ann	Mechanical Engineering
Mejia	Expedito	Business & Technology
Paredes	Miguel	Architecture
Perrottet	Alex	Education
Song	Michael	Engineering
Zaragosa	Miguel	Film Animation

**UNDERGRADUATE RESIDENTS**

Surname	Usual Name	Course Name
Brindley	Matt	Electrical Engineering
Cargill	Ben	Civil Engineering
Cargill	James	Civil Engineering
Carmichael	Paul	Mining
Carroll	Edward	Commerce
Chen	Jason	Science
Chinnappa	Darren	Commerce
Chuck	Taz	Foundation Studies
Cleary	Johno	Town Planning

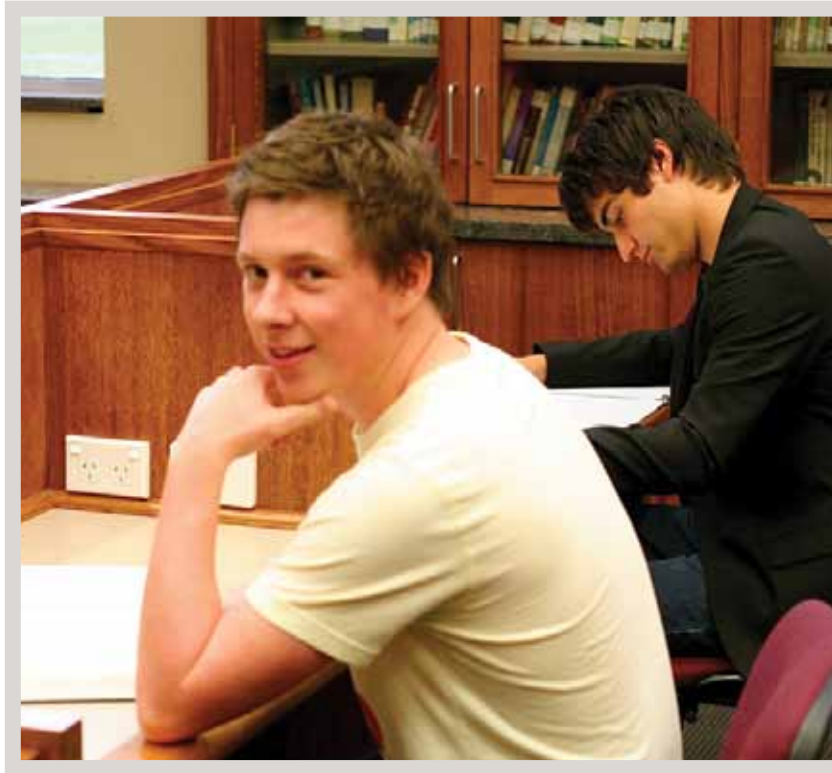
Coombs	John	Medicine
Cooper	Michael	Engineering
Dally	Lachlan	Computer Science
Devalia	Sachin	Engineering / Commerce
Donaldson	Ian	Mining
Dong	Xiao	Mining
Drew	Christopher	Civil Engineering
Du	Dong	Mechanical Engineering
Fernando	Geethaka	Civil Engineering
Gasson	Thomas	Software Engineering
Gotts	Tim	Civil Engineering
Graham	Paul	Advanced Science
Gunawardena	Rusiru	Medicine
Hall	William	Construction Management
Harada	Tomohiro	International Studies
Hewage	Chalana	Mining
Ho	Chris	Foundation Studies
Holdt	James	Mining
Hong	Kenneth	Commerce
Howard	Joe	Science
Hudson	Timothy	Electrical Engineering
Ileperuma	Kavinda	Civil Engineering
James	Sebastian	Arts
Jones	Warren	Engineering
Kamarajan	Jonathan	Engineering
Kanagarajah	Arjna	Medicine
Kariyawasam	Naveen	Civil Engineering
Keulen	Mark	Civil Engineering
Kim	Yong Hee	Medicine
Lau	Patrick	Commerce
Lee	Ann	Mechanical Engineering
Leong	Charlie	Medicine
Leung	Chris	Arts
Leung	Gary	Medicine
Li	Bo	Actuarial Studies
Lo	Edmond	International Studies / Law
Luis	Chris	Medicine
Ma	Peter	Commerce
Magin	Samuel	Engineering
Mahenthirarajah	Daran	Commerce
Mak	Truman	Foundation Studies
Maker	Samar	Engineering

Margetic	Jordon	Civil Engineering	Streater	Paul	Science
Marinari	Daniel	Fine Arts	Subramaniam	Andrew	Engineering / Commerce
McManus	Thomas	Arts	Sum	Jonathan	Commerce
McPhate	Alexander	Aviation (Flying)	Tan	Alvin	Electrical Engineering
Meares	Simon	Engineering	Ting	Ben	Mechatronics
Meney	Vincent	Arts	Tong	Luca	Aviation (Management)
Meredith	Thomas	Medicine	Tseng	Damian	Commerce
Metcalfe	James	Civil Engineering	Vithanage	Shehan	Engineering
Metzler	Paul	Civil Engineering	Vitucci	Dylan	Science
Mitchell	Rhys	Science	Volk	Tim	Mechanical Engineering
Moon	Sebastian	Commerce / Law	Walsh	Aaron	Petroleum Engineering
Mortimer	Nicholas	Commerce	Wan	Charles	Commerce/Law
Mullane	David	Engineering	Wenzel	Jonathan	Aviation (Flying)
Murphy	Nicholas	Medical Science	Whitney	Albertus	Commerce/Law
Myers	Christopher	Arts	Wong	Jeremy	Electrical Engineering
Ng	Christopher	Foundation Studies	Wong	Nicholas	Electrical Engineering
O'Callaghan	John	Town Planning	Woods	Ben	Medicine
O'Dwyer	Hugh	Arts	Woodward	Nick	Engineering
Perera	Jivanka	Chemical Engineering	Wythes	Angus	Science
Perrottet	Oliver	Commerce / Law	Yates	William	Medicine
Pfleger	Jacob	Aviation (Management)	Yeung	Keith	Commerce
Platt	Dallas	Industrial Chemistry	Yoon	Tony	Fine Arts
Radford	Nathan	Aerospace Engineering	Zambrano	John Paul	Engineering / Science
Ramani	Adhithya	Mechanical Engineering	Zelime	Jude	Architecture
Raveendran	Myron	Medicine			
Reinhard	Joe	Mining			
Reynolds	Hugo	Medical Science			
Rowland	Chris	Mining			
Russell	John	Commerce			
Sambasivam	Vekram	Medicine			
Saxby	Matthew	Software Engineering			
Senanayake	Akila	Foundation Studies			
Sharma	Roop	Medicine			
She	Dominic	Economics			
Siddiqi	Faraz	Commerce/Law			
Sinnappurajar	Prai	Medicine			
Smith	Ashley	Aerospace Engineering			
Sorbara	John Paul	Engineering / Commerce			
Spinks	Steven	Engineering			
Stokes	Patrick	Medicine			
Streater	Patrick	Town Planning			

## 5. FINANCIAL STATEMENT

Warrane College is a project of Education Development Association, a non-profit company incorporated in New South Wales.

### WARRANE COLLEGE OPERATIONS INCOME AND EXPENDITURE STATEMENT



	2009	2008
<b>INCOME</b>		
Semester Related	1,174,800	1,021,500
Recess Related	354,000	395,100
Total Accommodation	1,528,800	1,416,600
Programs	49,000	68,900
Donations	33,100	14,000
Other Income	18,200	15,000
<b>TOTAL INCOME</b>	<b>1,629,100</b>	<b>1,514,500</b>
<b>EXPENDITURE</b>		
Administration	305,500	305,400
Student Services	150,500	72,500
Scholarships & Bursaries	46,000	40,800
Publicity & Promotion	26,500	39,100
Household Administration	817,500	739,500
Utilities	120,500	104,500
Maintenance	98,800	90,500
<b>TOTAL EXPENDITURE</b>	<b>1,565,300</b>	<b>1,392,300</b>
<b>NET INCOME</b>	<b>63,800</b>	<b>122,200</b>



**UNSW**  
THE UNIVERSITY OF NEW SOUTH WALES

**WARRANE COLLEGE**

PO Box 123 Kensington NSW 1465 Australia

[www.warrane.unsw.edu.au](http://www.warrane.unsw.edu.au)