

# ANNUAL REPORT 1999

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## **A. FACULTY REPORT - 1999**

### **1. Overview**

Last year was to be a year of consolidation. A number of major changes had been undertaken in 1998. It was desirable for both staff and students that 1999 be a period of relative stability to allow for adaptation to the changes and consolidation of the progress made. The changes included new undergraduate degree structures, major revisions of unit offerings and the introduction of new units in some areas, new graduate degrees, a new management team, changes in administration and restructuring of IT support and infrastructure. External factors, however, did not allow the planned period of stability.

Significantly, though, the new undergraduate degree structures were realised in 1999 and through a carefully worked system of transitional arrangements, students were brought onto the new structure in an efficient and seamless manner. DETYA student load remained relatively stable with promising growth in the international student and graduate coursework intakes. Plans were formulated for further revisions to the undergraduate program in 2000 including a joint proposal with the Faculty of Arts for a new degree in the area of public policy and cooperation with the Faculty of Engineering and Information Technology on the development of the field of e-commerce.

At the graduate level, the new master degrees introduced in 1999 proved successful and plans were developed for further new master degrees likely to be introduced for 2001. The Graduate Programs associated with the Faculty remain strong with a significant number of quality PhD

candidates. A new Graduate Program in Finance was approved recently and the Faculty will play a key role in this area. Honours programs in the Faculty remain strong and are growing in number with our move to allow direct entry from other institutions. Over the summer, improvements have been made to facilities available for Honours and graduate students and plans are underway for a specialist graduate student centre.

The Faculty continued its impressive rate of research output and achievement in other areas of research activity. A highlight of the year was the spectacular success in the ARC round, most notably in the Department of Economics. Enormous gains have been made in the attraction of research income. Further details are contained within the enclosed department reports. The rate of research output across all areas of the Faculty remains impressive.

The Faculty continued its push toward greater international collaboration and the internationalisation of the University. Particular projects involved South-East Asia and China.

The Faculty ended 1999 with a small operating surplus and again demonstrated a high level of responsibility in exercising prudent financial management. The longer term budget outlook is relatively sound, although much depends on decisions yet to be taken in relation to the unresolved issue of the Faculties Resource Allocation Mechanism. All areas of fee income rose during 1999 and as implied above, research income is expected to increase substantially. While the overall growth in the 1999 is encouraging, there is a concern that it was not spread uniformly across all areas of the Faculty. A major challenge for the Faculty in 2000 concerns its internal structure. This matter has been under discussion for some time and the Review of The Faculties brought forward its consideration. The matter remains unresolved and the uncertainty generated last year needs to be resolved. The move to appointed (and executive) Deans remains an issue that is yet to be worked through in detail.

Our inability to recruit quality staff continued to be a major concern. In the area of commerce, we advertised vacancies on several occasions during the year but were not able to make offers. There is intense competition for quality staff in our disciplines and they are demanding large premiums.

Finally, I again draw attention to the increasing reluctance of other parts of the university to participate in joint activities. As all areas push for growth, what were once collaborative teaching arrangements with other parts of the University in the past are quickly becoming areas of internal competition.

## **2. Teaching Activities**

Following large-scale changes to our undergraduate degrees resulting from various reviews and restructuring activities in 1998, the Faculty required a year of consolidation in 1999. Transitional arrangements were put in place and students were accommodated under these arrangements early in the year. All of our undergraduate students are now fully embraced under the new system. Notably, no serious complaints were received from students and all cases where a student felt aggrieved (which numbered around only 30) were satisfactorily resolved. However, some combined degree students will still have restructuring to face as other faculties now move into transition in 2000.

While 1999 was essentially a period of consolidation, there were also new developments. New combined degrees were introduced with Actuarial Studies and Law (making it arguably the most prestigious undergraduate degree course in the University), Commerce and Psychology, Economics and Psychology, Commerce and Science(Forestry).

A new major in International Business was introduced for 2000. The major is a joint effort between the Departments of Commerce and Economic History. It reflects growing synergies between various departments and further enhances the international focus of the Faculty.

Plans for 2001 include a new undergraduate degree in 'Public Policy' (working title) that will encompass offerings from our faculty and the Faculty of Arts. The degree will be interdisciplinary. We have reason to be confident of its success given the public sector concentration in Canberra and the established strengths of the two faculties in the area. It will provide a public sector focus at

the undergraduate level for the ANU. A joint working party commissioned by both Deans is currently developing a final draft of the proposal.

Other developments involve teaching into the proposed BA (Informatics) degree. Further, in conjunction with the Faculty of Engineering and Information Technology, we are reviewing our offerings in Business Information Systems with the possibility of introducing new units and a sequence of study in e-commerce.

1999 was the second year of the new Bachelor of Actuarial Studies degree. Its introduction has been well received by the student market and its implementation has been smooth. The Faculty has embarked on establishing a critical mass of staff and students in actuarial studies and new appointments during 1999 have given the ANU a major presence in the area.

The Faculty continued its emphasis on its Honours Programs. We believe a strong honours reputation enhances the quality and image of our degrees, provides a feeder for our graduate programs, encourages students to strive for academic excellence and provides the Faculty and the ANU with a competitive advantage. Following the review of our honours programs in 1998 and the subsequent amendments to the rules to allow direct honours entry from other universities, our recruitment strategies appear to be reaping rewards. In 2000, our honours numbers have risen again with a significant proportion entering the program from pass level studies at other universities.

There remain some difficulties associated with the central support of teaching facilities at the University level. We are hopeful that the results of the Information Policy Working Party's recommendations and the ITSMP will remedy these problems.

The Faculty continues to participate in the Extension Unit Program through the offering of a first year accounting unit to ACT final year school students. All students completing the unit in 1999 received at least a passing grade with 7 out of 15 students subsequently entering the Faculty in 2000 as undergraduate students. We are grateful to Mr Greg Boland from Dickson College for his participation as the convenor.

The Faculty is also an active participant in the ANU Foundation Studies Program introduced in 1999 to enable international students to qualify and prepare for admission to our degree courses. During the year, further institutional status arrangements were approved with overseas colleges that allow articulation and a smooth transition for international students wishing to study in our degree programs.

As noted below, the Faculty undertook a major revamp of its website. Current information is now available to students on policies and procedures and we have introduced new initiatives in relation to providing information to prospective students. A major task over the summer of 1999-2000 was the development of home pages for all undergraduate units. Commencing in first semester in 2000, students will be able to access administrative information, past exams, unit outlines and tutorial programs for all undergraduate units offered in the Faculty.

The Faculty continued its development of coursework-based masters degrees. The Master of Financial Management attracted 17 students in 1999 in its first year of operation. A similar intake is expected in 2000. The Master of Applied Statistics, also introduced in 1999, got off to a solid start and promises further growth in the near future. Plans for 2000-2001 include new masters degrees in the areas of Commerce and Actuarial Studies.

The winner of the Faculty's Award for Teaching Excellence was Ms Natalie Buckmaster (Commerce). Also of note, Professor Russell Craig (Commerce) received the Vice-Chancellor's Award for Teaching Excellence.

### **3. Enrolment Statistics**

In 1999, the UAI score was set at 73 for single degrees in Commerce and Economics and 88 for the Actuarial Studies degree. These cut-off scores were the same as the previous four years.

The Faculty's EFTSU student base is distributed as:

	<u>1999</u>	<u>1998</u>	<u>1997</u>	<u>1996</u>
U/grad HECS	1,020	1,103	1,156	1,122
U/grad International	116	120	120	133
<i>Total Undergraduate</i>	<i>1,136</i>	<i>1,223</i>	<i>1,276</i>	<i>1,255</i>
P/grad HECS (& exempt)	22	28	35	37
P/grad GTF	29	13	13	18
P/grad ISF	40	38	43	12
<i>Total Postgraduate</i>	<i>91</i>	<i>79</i>	<i>91</i>	<i>67</i>
<i>Other</i>	<i>4</i>	<i>2</i>	<i>5</i>	<i>3</i>

The declining undergraduate HECS enrolments had been planned by the University as part of its strategic decision to reduce its DETYA target undergraduate load. However, we note that the planned reduction at the undergraduate level must be supported by growth at the graduate level. At the graduate level, we are seeing the replacement of HECS places by GTF places.

Student performance in individual units by department is presented as an appendix to this report. In aggregate, student performance was distributed as:

<u>Grade</u>	<u>1999%</u>	<u>1998%</u>	<u>1997 %</u>	<u>1996 %</u>
High Distinction	9.7	9.2	8.3	7.0
Distinction	20.0	18.0	18.7	16.8
Credit	29.4	28.0	28.6	29.4
Pass	27.8	31.4	29.8	31.6
Fail	10.2	10.6	13.8	14.4
TBF	2.8	2.9	n/a	n/a

Note: 1998 figures do not include ECHI units due to a report fault in ANUSIS  
 Fail includes 'did not sit'  
 TBF are results yet to be finalised at the reporting date

As can be seen from the figures above, the general trend has been an increase in the percentage of students achieving higher grades and a decline in the failure rate.

#### 4. Research Activities

A highlight of the year was our performance in winning ARC funds. Staff in the Department of Economics had a particularly successful year with all five applications from that department winning either a large ARC or SPIRT grant. Professor Dowrick's effort in winning a prestigious ARC Senior Fellowship and other ARC grants is most noteworthy. The Faculty has also been fortunate to attract another ARC Senior Fellow, Professor Quiggin, who will join us from 2000. Staff in the Faculty now hold 8 large ARC grants, 2 SPIRT grants in addition to the two Senior Fellowships, ranking the Faculty a clear first on a per capita basis in relation to ARC success among equivalent faculties in Australia.

Staff remained particularly active in publishing and promoting their research during 1999. A key output measure in our disciplines is research papers in refereed scholarly journals. Our publication rate per staff member continues to exceed disciplinary benchmarks and is consistent across all areas. Staff published 60 papers during the year in scholarly journals, which averages very close to one paper per staff member across all levels. The average across our competitors is around half this rate. Further demonstration of our research activity is provided by the large number of staff who are either editors or on editorial boards of scholarly journals, the extremely active seminar and workshop programs run by the various areas, and the large number of conference and seminar papers delivered by our staff.

The Centre for Applied Economics continued to focus its activities on the academic journal *Agenda*. The journal has a good reputation, particularly among senior government economists, and has

consistently produced four high quality issues per annum. Challenges for the journal during 2000 include a possible change in editor and coping with the GST.

The Faculty continued its internal research grants scheme that provides support for staff over the summer. The purpose of the scheme is to encourage and support young and junior academics in developing projects and assist them in getting large ARC grant applications to a competitive stage. Last year, ten grants were awarded compared to eight in 1998.

## **5. Gender Issues**

The Faculty has taken steps to educate and promote the issue of gender balance. Consistent with the University's direction set in the Gender Equity Plan, a number of activities and strategies were implemented to raise awareness of the issues. These activities have been documented in a separate report to the Deputy Vice-Chancellor.

The Faculty is coming off a base where male staff numbers dominate, particularly at the senior academic levels. Following some recent appointments, female staff represent 75% of academic staff at level A but this percentage drops to 30% at level B and zero thereafter. Unfortunately, the reality is that the current financial environment prevents the hiring of large numbers of new staff. Further, senior females in the discipline are difficult to attract and sometimes command a premium. Thus, as flagged last year, despite the best of intentions, our overall recruitment rate is low and attempts to create a staffing profile close to a gender balance will necessarily take a number of years to achieve. This is a problem not restricted to the ANU. Nevertheless, we are attempting to be inventive and have encouraged the presence of leading females through short-term visits, workshops, etc. Further, we have obtained a half-year secondment at level C through a cooperative arrangement with RSPAS. An encouraging sign is the higher frequency of females entering the honours and graduate programs.

There is a good representation of females among general staff with women occupying a little more than half of the general staff positions.

The situation among our student population is pleasing, which is notable given our professionally orientated set of disciplines. At the undergraduate level, the population is comprised of approximately 42% females and 58% males. These numbers are very similar at the graduate level and the international student body where females comprise 43% of the international student cohort.

## **6. Finance**

The Faculty's net operating result for 1999 was a small surplus of \$3,000. The Faculty's net position at the end of 1999 was an accumulated operating surplus of around \$400,000, which provides us with a small buffer. Our increased efforts in recruiting have been successful. During the year we experienced growth in international student fees, growth in graduate tuition fees and growth in research income. Detailed financial figures are available in a separate report from the Division of Finance and Business Services.

An important step in increasing non-operating grant income has been the establishment of institutional status arrangements with various overseas colleges, most notably in Singapore, which allow international students articulation into our courses from various diploma programs.

Last year, I reported on a four-pronged budget strategy which included diversification of our funding base, enhanced recruitment and marketing activities, greater effort directed towards increasing research income and realising cost savings. This strategy remains in place and significant achievements were made in all four areas during 1999.

Preliminary figures for 2000 indicate another rise in GTF income. There is a steady demand for HECS based places and further growth in international student numbers is anticipated.

The Faculty was disappointed that the Review of the Faculties did not reach a firm and implementable conclusion in relation to the Faculties Resource Allocation Mechanism. It is difficult

to formulate strategy and develop plans at the Faculty level when the parameters of the funding model are unknown.

Uncertainty about the structure and type of financial support services provided to Deans continued in 1999 through the lack of clarity over the Faculties Resources Office. This hindered financial management. As we move into 2000, the position appears to be headed toward a resolution although at the time of writing, the frustration remains.

## **7. Organisation and Administration**

The possibility of a new internal structure in the Faculty has been a matter of internal discussion for some time. However, the Review of The Faculties and the proposed 'schools model' therein brought past discussions into strong focus. There is considerable variation of opinion in the Faculty concerning feasible new models and the reasons for change in internal structure. Much discussion has centred on the possibility of two or three schools replacing the current four departments. I am hopeful that this matter will be resolved during 2000 for implementation in 2001, if not earlier.

We are still working our way through some of the implications of the Review of The Faculties and it will take some time before certain issues become clearer and we start to operate in the post-Review environment. Movement to the new system of appointed Deans with executive powers will require changes to the culture in the Faculty.

Internal IT operations and support were reviewed and restructured in late 1998. Last year was the first under the revised structure. Despite some teething problems the new structure has been working effectively with the majority of users having access to a greater level of infrastructure facilities and user support. As mentioned above, significant developments occurred in relation to our presence and use of the web. Administration in the Faculty has been improved and made more transparent through the use of the web as an electronic file of relevant documents. Information for students concerning both administration and their course materials is now readily available on the web.

The Faculty Office was restructured during 1999 resulting in the loss of some administrative staff and changes to the roles of other staff. Part of the restructuring involved moving the Office into new premises on the first floor of the Copland building. The new Office has received favourable commentary from both staff and students and contains an area where students can access information through electronic means.

## **8. Collaboration and Outreach**

The Faculty has been active in extending its international network. This activity was given higher priority in 1999 and, in conjunction with other areas of the ANU, several important delegations from overseas institutions and governments were hosted throughout the year. New exchange agreements were signed with Copenhagen Business School and ESSCA from France. Both of these institutions are held in high regard in Europe and the agreements further reflect the diversity of our interests.

A successful bid for strategic funds paved the way for the introduction of an International Professional Development Program. This program allows for short-term visits by staff of various international colleges aimed at professional development activities. The advantages of this program include a greater ANU presence in the region and establishment of close ties with staff at colleges where we are interested in recruiting international students.

As noted above, the Faculty was highly successful in attracting research grants and now holds two ARC SPIRT grants in collaboration with industry partners.

Members of Faculty are prominent in various professional societies and organisations associated with their discipline areas. Activities range from editorships to executive positions and specialist consultancies. Details can be found in the enclosed department reports. Of note, every department has members of staff holding responsible executive positions in relevant professional societies.

Further, the number of staff elected to Fellowships of these societies is indicative of a high profile outside the ANU.

The Faculty continued a high degree of collaboration with colleagues in the IAS. Joint seminars, research collaboration as evidenced by joint publications and shared supervision of graduate students occurs in our disciplines. Students from the IAS enrol in units offered by the Faculty. IAS staff are involved in graduate training in economics, economic history, econometrics and statistics while Faculty staff are involved in teaching units in the National Centre for Development Studies and Australia Asia Management Centre.

We have strong support from various professional associations such as the Australian Society of CPAs, the Institute of Chartered Accountants, the Statistics Society, the Economics Society and the Australian Institute of Banking and Finance. Support from these organisations is provided in various ways including financial support for a student society, the donation of prizes and scholarships and cooperation in various professional activities. We have also worked hard on cementing relationships with industry and government. Notably, staff in the Commonwealth Department of Finance & Administration and the Australian National Audit Office assisted in the development and instruction of post-graduate courses. The Faculty continued its cooperation with the University of Canberra, which jointly hosted the annual Commerce Careers Day.

The close association with the main student society in the Faculty, the Commerce Students' Society, continued during 1999. Various joint activities were held during 1999, which centred on providing students with career advice, professional development skills, and a greater understanding of their studies in a commercial context. This association has mutual benefits and we are pleased to have cemented a productive partnership.

## **9. Summary**

The year of 1999 was a difficult one for the Faculty and I thank all members of our 'community' - academic staff, general staff, visitors, research appointments and students - both undergraduate and postgraduate, for their efforts. The Faculty continues to be very well regarded both in Australia and overseas and this is due to the collective contributions of all associated with the endeavour. The success of the Faculty of Economics and Commerce in 1999 is the success of its dedicated staff and students. They are to be commended on their efforts.

2000 will present more challenges and I am confident that we will meet them in a positive and constructive manner. We see ourselves as offering high quality teaching programs resulting in high quality graduates; producing research that is internationally competitive; and making a contribution to industry and government policy. We have academic, administrative and financial strategies that will allow us to continue to achieve these goals.

Professor T.J. Brailsford  
Dean  
February 2000

## **10. Faculty Office Staff**

Dean: Professor T.J. Brailsford MEd PhD *Monash* FCPA AIBF(Snr) FAIM

Faculty Secretary: Mr A.B. Wynack BCom *Woll.* MCom *UNSW*

Academic  
Administrative Coordinator: Mr M. Erickson BSocSc *UNSW*

Assistant to the Dean: Ms J.L. Standfield

Senior Faculty Assistant: Ms A. Burkett  
Faculty Assistant: Mrs F. Mehr  
Library Assistant: Mrs. M. O'Connor

IT Coordinator: Mr W. Jennings BSc (Hons) *Deakin MBA JCU*

IT Officer: Mr C. Donnelly  
IT Officer: Mr G. Woodman

Associate Dean: Dr T.S. Breusch (see Statistics & Econometrics)  
(Undergraduate Studies)  
Associate Dean (Acting): Professor T.J. Brailsford  
(Graduate & Research)  
Subdean: Ms B. Adamson (see Commerce)  
(Undergraduate)  
Subdean: Dr G. Fleming (see Commerce)  
(Graduate & Outreach)

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## **B. DEPARTMENT OF COMMERCE**

### **1. Overview**

The academic focus of the Department remains unchanged with emphasis on both research and teaching. The Department has maintained a strong research output compared with similar Departments within Australia. The areas of accounting and finance are the main areas of academic research in the Department though there is also a growing output in the area of management, reflecting the broadening interests of the Department. The difficulty associated with replacing information systems staff over 1999 may lead to some reassessment of this area as a core research area of the Department.

The Department has traditionally placed considerable importance on teaching and this was particularly evident in 1999 with Professor Russell Craig receiving the Vice Chancellor's Award for Teaching Excellence and Ms Natalie Buckmaster receiving the 1999 Faculty Teaching Award. The new 144 credit point system for the undergraduate degree was successfully implemented in 1999 and the Master of Financial Management has now been running for 12 months.

Ms Helen Ryan joined the department in Semester 2. Staff departures include Dr Gillian Dempsey, Dr Andrew Grienke, Dr Vince Hooper, Ms Kathy Maclaren, Ms Melissa Perryman, Mr Ken Stevens and Mr Mohammad Tahir. Mr Mohammad Tahir took OSP leave in semester 1 while Ms Sarah Jenkins took OSP leave in semester 2. Ms Bronwynn Adamson, Subdean (Undergraduate), and Dr Grant Fleming, Subdean (Postgraduate), having fulfilled their commitments at the end of 1999 have agreed to continue these responsibilities in 2000. Professor Tim Brailsford remains the Dean of the Faculty of Economics and Commerce.

Visiting academics included Professor Allan Hodgson from Griffith University, Dr Simon James from the University of Exeter, Dr John Powell from the University of Otago, Dr Anath Seetharaman from the St Louis University and City University of Hong Kong and Professor Anthony Wensley from the University of Ontario. The seminar presentation program was active with a wide range of visiting academics and staff taking part.

The Department's continuing commitment to the community is evident in the 1999 National Research Lecture in Government Accounting. This annual event is jointly sponsored by the ANU and the ASCPA. Professor Craig and Emeritus Professor Barton have been instrumental in organising this event. This year Professor James Guthrie of Macquarie University presented the paper entitled "Australian Experiences with Output-Based Budgeting: When Theory and Practice Don't Meet".

## 2. Courses and Teaching

The change to the new 144 credit point system was critical for both students and staff. It became apparent during the 1998 departmental planning session that this change would affect virtually all of the later year undergraduate courses offered by the Department and it was also clear that student enrollments in many of the units would increase substantially. The increased workload arising from the change was handled in a careful and professional manner with little evidence of student complaint. The results were most encouraging with students generally supportive of the greater range of units now available within the undergraduate degrees.

### (a) Honours Program

The completing honours students and their thesis topics were:

Peter Aguilera	The relationship between mergers and debt
Kate Barraclough	The impact of Contract Denomination in Derivatives Markets on Trading Volume: A case study of the re-denomination of the 90-day Bank Accepted Bill futures contract
Charles Brewer	The use and value of accounting rhetoric in the ACTEW privatisation debate
Emma Button	The Shareholder Wealth Effects of Director Departure Announcements
Robert Colquhoun	The Shareholder Wealth Effects of Target Litigation as a Takeover Defence
Katherine Corrigan	Hedging using the Australian all ordinaries share price index futures contract
Jodie Houston	Survey of Tax Evasion Using The Randomised Response Technique
Stan Kordusic	The evidence of implicit taxes in the corporate sector in Australia
Ekayi Maw	The relationship between volatility and market liberalization in emerging Asian Markets
David Maywald	The Relationship between Accounting and Sharemarket Performance in Australian Mergers and Acquisitions
Steve Skourakis	The valuation of Australian diversified firms
Prakash Wilson	The Ex-Dividend Day Behaviour of Australian Share Prices After the Implementation of Dividend Imputation

### (b) Prizes

University Medal		Katherine Corrigan
A.D. Barton Prize	Best Honours Thesis	Katherine Corrigan
Professional Careers Australia Prize in Accounting	Best Result in Accounting IV(H) or Commerce IV(H) with a Thesis in the Area of Financial Accounting	No Nomination
Australian Finance Conference Prize	COMM 2005 Corporate Finance	Lucy Rees
Australian Institute of Management Prize for Management	Management Major Performance	Phillip Sands
Australian Society of Certified Practising Accountants' Prize	First Year Performance	Genevieve Katherine Hayes
Australian Society of Certified Practising Accountants' Prize	Second Year Performance	Yin Ying Foo
Australian Society of Certified Practising Accountants' Prize	Major in Accounting	Susan Bultitude
Butterworths' Prize in Company Accounting	COMM 2015 Company Accounting	Nicola Dearden

Coopers & Lybrand Prize in Accounting	COMM 2011 Management Accounting and COMM 2015 Company Accounting	Yin Ying Foo
Ernst and Young Prize	COMM 3001 Financial Accounting Theory	Christine Murray
Ernst and Young Prize	COMM 3002 Auditing	Jennelle Louise Boettcher
Price Waterhouse Prize in Accounting	COMM 1010 Financial Accounting Fundamentals and COMM 1020 Accounting and Financial Management	Nishat Aboobaker Adam and Lucy Rees
Robko Print Media Agency Prize	COMM3011 Investments	Andrew Donald McLennon and Jacqueline Locke
ASSIST Prize	INFS3059 Information Systems Project	Mark Novitski, Matt Plum and Jakub Bartkowiak Julia Lovell, Ryan Van Leent, Phil Longman, Andrew Haynes
Australian Prudential Regulatory Authority Prize	COMM3016 Business Ethics	Nicholas Wiley
Australian Prudential Regulatory Authority Internship	Accounting Honours Student for 2000	Pierre Grobler

**(c) Graduate Teaching Activities**

PhD and Master Degree Students Supervised

<b>Student</b>	<b>Thesis Topic</b>
<b>PhD</b>	
Christopher Bilson	Macroeconomic Variables as Explanators of Return Variation in Emerging Equity Markets
Andrew Greinke*	The Impact of the Financial Institutions Scheme on Australian Credit Unions
Barry Oliver	Financial Risk Management
Jing Shi	The Cyclical Behaviour of IPO Markets
Yuka Sakurai	Problems and Prospects in Interaction Between Japanese Expatriate Managers and Australian Employees in Japanese Subsidiaries.
Ken Stevens	A Framework for Understanding and Managing the Systems Conversion Process
Mohammad Tahir	Measurement of Inflation Gains and Losses on Monetary Items: Application of Stochastic Calculus
Rattachai Seelajareon	Investment fund performance
Daniel Yeoh	An Empirical Examination of Physical Asset Expenditure Announcements In the Australian Context: Growth Opportunities and Free Cash Flow Arguments
<b>MComm</b>	
Barry Hopkins	The Interaction Between Investment, Financing and Payout Policies
Garth Livermore*	Accounting for Derivatives
Theodoros Psychogios	The Role of Free Cash Flow and Financial Slack in Corporate Takeovers
<b>M(Phil)</b>	

Linda Glassop	On the Use of Teams in Australian Work Organisations
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**\* Completed and degree conferred in 1999**

**(d) Student Results**

*Refer to Appendix Table Analysis of Student Performance*

**3. Research Activity**

**(a) Research Grants**

**Awarded in 1998 for 1999**

\* Allen, D.E., Brailsford, T.J. and \*Faff, R.W., "An Evaluation and Analysis of Various Measures and Influencing Factors of the Performance of the Australian Investment Funds Industry", ARC SPIRT grant: \$100,700 over 1999-2001.

Adamson, B., "Unresolved Issues In Water Marketing in California", Small ARC Grant, \$3,900.

Brailsford, T., "A Non-linear Financial Time-Series Study Using Evolutionary Algorithms for Forecasting Australian Stock Market Indicators and Exchange Rates", Small ARC for 1999: \$12,600

Brailsford, T., Heaney, R. A. and Oliver, B., "Assessment of Financial Risk, the Use of Derivative Products and the Development of Financial Risk Management Models for Commonwealth Organisations", Large ARC: \$78,000 over 1999-2001.

Burritt, R.L., "Social and environmental disclosures in annual reports of listed multinational mining companies" Small ARC for 1999: \$8,000.

Dempsey, G.C., "Liability of Internet Service Providers for Online Content", Small ARC for 1999: \$12,400

Fleming, G.A., "The Impact of Corporate Restructuring on Wages and Employment", Small ARC for 1999: \$10,400.

Fleming, G.A., \* Ville, S., and \*Merrett, D. "Corporate Leadership in Twentieth-Century Australia", Large ARC: \$46,000 over 1999-2000.

Glassop, L.I., "The Balance Sheet Review (BSR): Two Case Studies", Faculties Research Fund Grant for 1999: \$3,700.

Glassop L.I., "An Analysis of Two Criteria for the Australian Quality Award (AQA) Winners 1991-1998", Summer Research Grant 1998-1999, Faculty of Economics and Commerce: \$1,800.

Greinke, A.J., "Australian Credit Union Managers: Screening, Selection and Socialisation", Small ARC for 1999: \$13,300

Heaney, R.A. and Shi, J., "A Model of IPO Market Fluctuations", Small ARC for 1999: \$9,000.

Shailer, G.E.P., "Debt Finance and Growth in Small (Owner-Managed) Firms", Small ARC for 1999: \$17,600.

Shi, J., "Valuation of Australian Underwriting Agreements: A Comparative Study of Resource and Non-resource Companies", Summer Research Grants 1998-99, Faculty of Economics and Commerce: \$1,800.

Tran, A.V., "An empirical investigation of factors influencing taxpayer compliance", Small ARC for 1999: \$11,800.

Not ANU Staff

**(b) Publications**

**Books**

- Adamson, B. *Role of the Auditor-General in Public Accountability- Some Issues*. Barnes and Noble, January 1999.
- Bilson, C. and Oliver, B.R., Instructor's set to accompany McGrath and Viney, *Financial Institutions, Instruments and Markets*, 3<sup>rd</sup> edition, McGraw-Hill.
- Brailsford, T.J. and Faff, R.W., (eds), McKenzie, M.D. and Brooks, R.D., *Research Design Issues in Time-Series Modelling of Financial Market Volatility*, McGraw-Hill Series in Advanced Finance Volume 2, McGraw-Hill, Roseville (NSW), 1999. 72pp. (and software).
- Jubb, P.B.,\*Haswell, S.H. and \*Langfield-Smith, I. *Company Accounting*, 2<sup>nd</sup> edition, 1999, Nelson ITP, Melbourne, pp.810.
- Jubb, P.B. and \*Langfield-Smith I, *Instructors' Manual for Company Accounting* 2<sup>nd</sup> edition, 1999, Website publication <http://www.nelson.com.au/jubb/index.html>.

**Book Chapters**

- Brailsford, T.J. and \*Knights, S.R., "Mergers and Takeovers: Should we be concerned?" Chapter 11, pp.138-149 in: Dawkins, P., Harris, M. and S. King (eds), *How Big Business Performs: Private Performance and Public Policy*, Sydney: Allen & Unwin, 1999.

**Refereed Journal Articles**

- Barton, A.D., A Trusteeship Theory of Accounting for Natural Capital Assets?, *Abacus*, Vol.35, June, 1999 pp.9-15.
- Barton, A.D., Land Under Roads – A Financial Bonanza or Fools' Gold?, *Australian Accounting Review*, Vol.9, March 1999 pp.9-15.
- Barton, A.D., Public and Private Sector Accounting – The Non-Identical Twins, *Australian Accounting Review*, Vol.9, July 1999, pp.22-31.
- Brailsford, T.J., Frino, A., Hodgson, A. and West, A., "Stock Market Automation and the Transmission of Information between Spot and Futures Markets", *Journal of Multinational Financial Management*, Vol.9, 1999, pp.247-264.
- Buckmaster, N.C., Benchmarking by Non-Profit Organisations, A Learning Tool, *Public Management (UK)*, 1999.
- Buckmaster, N.C., Associations between learning, accountability and outcome measurement in non-profit organisations, *The International Journal of Public Sector Management*, 1999, pp.186-197.
- Buckmaster, N.C., The performance measurement panacea, *Accounting Forum* (Special Edition on Management).

- Burritt, R.L. and \*Cummings, L., Corporate Social Disclosure Characteristics and the Role of Ethical Investment Trusts, *Asian Review of Accounting*, Vol 7, No 1, 1999, pp.20-42.
- Burritt, R.L. and \*La Notte, A., Users and Uses of Environmental Accounting: The Case of The Philippines, *Asian Review of Accounting*, Vol.7, No 2, 1999, pp.46-65.
- Burritt, R.L., Commonwealth Greenhouse Challenge - the Reporting and Verification Process *Australian Journal of Environmental Management*, Vol.6, No.1, March, 1999, pp.44-51.
- Craig, R.J. and \*Diga, J., A Framework for Describing and Comparing National Financial Accounting Systems: Towards an Archetype, *Asian Review of Accounting*, Vol. 7, No. 1, 1999, pp.65-88.
- Craig, R.J., \*Amernic, J. and \*Clarke, F., Scholarship in University Business Schools: Cardinal Newman, Creeping Corporatism and Farewell to the 'Disturber of the Peace'?, *Accounting, Auditing and Accountability Journal*, Vol. 12, No. 5, 1999, pp.510-524.
- Craig, R.J. and \*Amernic, J., The Internet in Undergraduate Management Education: A Concern for Neophytes Among the Metaphors, *Prometheus*, Vol.17, No.4, 1999, pp. 437-450.
- \*Faff, R.W. and Brailsford, T.J., "Oil Price Risk and the Australian Stock Market", *Journal of Energy Finance & Development*, Vol.4, 1999, pp.69-87.
- Fleming, G. and Ville, S., Desperately Seeking Synergy: Interdisciplinary Research in Accounting and Business History, *Pacific Accounting Review*, Vol.11, 1999, pp.173-180
- Goode, S. An Analysis of the Business Characteristics of Adopters and Non-adopters of World Wide Web Technology, *Journal of Information Technology and Management*, 1999, in press.
- Heaney, R.A. and \*Faff, R., An Examination of the Relationship Between Australian Industry Equity Returns and Expected Inflation, *Applied Economics*, Vol. 31, 1999, pp. 915-933.
- Heaney, R.A., \*Halliwell, J. and \*Sawicki, J., Size and Book to Market Effects in Australian Share Markets: A Time Series Analysis, *Accounting Research Journal*, 1999, pp.122-137.
- Heaney, R.A. and Hooper, V., World, Regional and Political Risk Influences Upon Asia Pacific Equity Market Returns, *Australian Journal of Management*, Vol. 24, No. 2, December 1999, pp.131-142.
- Heaney, R.A., Shi, J. and \*Powell, J.G., Share Return Seasonalities and Price Linkages of Chinese A and B shares, *Review of Pacific Basin Financial Markets and Policies*, June, 1999, pp.205-229.
- Jubb, P.B., Whistleblowing: A Restrictive Definition and Interpretation, *Journal of Business Ethics*, Vol.21 1999, pp.77-93.
- Jubb, P.B., \*Haswell, S.H. and \*Wearing, B., Accounting students and cheating: A comparative study for Australia, South Africa and the UK, *Teaching Business Ethics*, Vol.3, 1999, pp.211-239.
- Oliver, B.R., The legality of derivative contracts entered into by Commonwealth organisations, *Accounting Accountability and Performance*, Vol.5(1), April, 1999, pp.43-53.
- Shailer, G.E.P., Classificatory Loan Pricing as an Incentives for Signalling by Closely Held Firms, *New England Journal of Entrepreneurship* Vol.13(8), January, 1999, pp.455-464.
- Shailer, G.E.P., The Relevance of Owner-Manager's Signals and Risk Proxies to the Pricing of Bank Loans, *Accounting & Business Research* Vol.29, Winter , 1999.

- Shailer, G.E.P., \*Stevens, K and Utomo, H., EFTPOS Impacts on Branch Banking: An Extraorganisational Analysis, *Australian Journal of Information Systems*, Vol.7(2), April, 2000.
- Shi, J., \*Hoang, P. and \*Powell, J., Endowment Warrant Valuation, *Journal of Derivatives*, Fall 1999, pp.91-103.
- Stuart, K., and Glassop, L.I., The Entitlement Structure for Members of the Australian House of Representatives: A Canadian Comparison, *Legislative Studies*, 1999 in press.
- Tran, A.V., Causes of the Book-Tax Income Gap, *Australian Tax Forum*, Vol. 14, No. 1, 1998, pp.75-108.
- Tran, A.V., Evidence on the Desirability of an Alignment of Tax Rules with Financial Accounting Rules, *Advances in Taxation*, Vol. 11, 1999, pp.207-246.

\* Not ANU Staff

### **Articles in Professional Journals**

- Adamson, B. Wasting Nothing Makes Good Business Sense, *News Journal of the Asia Pacific Centre for Environmental Accountability*, Vol.5, No.4, pp.13.15.
- Burritt, R.L., "Greenfleet – An Offputting Offset?" *News Journal of the Asia Pacific Centre for Environmental Accountability*, Vol.5, No.1, March 1999, pp.9-12.
- Burritt, R.L., "Thinking local: towards an environmental standard", *Australian CPA*, April 1999, pp.57-59.
- Burritt, R.L., "A Pretty Penny. Reporting Dollar values of Conservation Activities", *Bogong*, Vol.20, No. 1, 1999, pp.17-19.
- Burritt, R.L., "Environmental Accounting in Australia", *News Journal of the Asia Pacific Centre for Environmental Accountability*, Vol.5, No.3, September 1999, pp.16-18.
- Burritt, R.L., "Environmental Accounting and Reporting in Victoria, Australia", *News Journal of the Asia Pacific Centre for Environmental Accountability*, Vol.5, No.3, 1999, September, pp.6-11.
- Burritt, R.L., "Australian Greenhouse Gas Emissions policy under the spotlight", *News Journal of the Asia Pacific Centre for Environmental Accountability*, Vol.5, No.4, September 1999, pp.5-8.
- Goode, S., "Can your SME Adopt the WWW?" *Charter Magazine*. No.7, August 1999.
- Oliver, B.R., "Risk management: A structured approach", *Regional Business Focus*, December, 1999, Singapore.

### **Conference Proceedings and Extracts**

- Barton, A.D. "Public Choice Theory and Economic Rationalism – The Philosophical Basis of Modern Public Sector Reform?", University of Wollongong Conference on Public Sector Management, 29 October, 1999.
- Hooper, V.J. and \*Pointon, J., "Obsolescence Risk and Project Appraisal" ANSA, Ile de Maurice, 7<sup>h</sup>-8<sup>h</sup> April, 1999.
- Hooper, V.J., Heaney R. and \*Jaugietis, M., "Regional Integration of National Stock Markets". This paper was highly commended. ANSA, Ile de Maurice, 7<sup>h</sup>-8<sup>h</sup> April, 1999.

Hooper, V.J. and \*Pointon, J., "Valuing the Variable Rate Demand Obligation", ANSA, Ile de Maurice, 7<sup>th</sup>-8<sup>th</sup> April, 1999.

Shi, J., \*Powell, J and \*Hoang, P., "Endowment Warrant Valuation", The 10<sup>th</sup> Annual CBOT Asia-Pacific Futures Research Symposium, Hong Kong, China, 8-9 February 1999.

\* Not ANU Staff

**Software**

Brailsford, T.J. \*Faff, R.W. and \*Coleman, G., "Principles and Applications of Risk Management, v2-0, ASCPA, Melbourne, 1999.

**Other Notable Output**

Brailsford, T.J., Oliver, B.R. and Pua, S., "Theory and Evidence on the Relationship Between Ownership Structure and Capital Structure" was listed on SSRN's Top Ten download list for the journal/topic " Organizations and Markets" and the overall Financial Economics Network.

Brailsford, T.J., "The Aggregate Behaviour of IPO Markets", RMIT Business Alumni Annual Research Lecture, Melbourne, November.

Craig, R.J., Invited public lecture titled "New Perspectives on Aaron Chapman". Whitby Literary and Philosophical Society, Whitby, UK, February.

**(c) Conference and Seminar Presentations**

**Conference Presentations**

Adamson, B.	Effective Regulation of Water Authorities, and Discussion Panelist	Private Sector Participation in Water Conference, Australian Wastewater Association, Sydney, December 6 <sup>th</sup> , 1999.
Barton, A.D.	The Usefulness of Accrual Accounting for Government Resource Management	AAANZ Annual Conference, Cairns, 4-7 July, 1999.
Barton, A.D.	Public Choice Theory and Economic Rationalism – The Philosophical Basis of Modern Public Sector Reform?	University of Wollongong Conference on Public Sector Management 29 <sup>th</sup> October, 1999.
Bilson, C.M., Brailsford, T.J. and Hooper, V.,	"Selecting Macroeconomic Variables as Explanatory Factors of Emerging Stock Returns"	Twelfth Australasian Finance and Banking conference, Sydney, December 1999.
Bilson, C.M., Brailsford, T.J. and Hooper, V.	"The Pricing of Political Risk"	Asia-Pacific Finance Conference, Melbourne, July 1999.
Burritt, R.L.	Accounting and Reporting for Sustainability – Time for a Ratings Agency?	National Public Sector Accountants Conference, Australian Society of Certified Practising Accountants, Adelaide, 7-9 April 1999

Burritt, R.L.	Environmental Accounting, Economic Values and Financial Reporting – the Case of Earth Sanctuaries Ltd	AAANZ Annual Conference, Cairns, 4-7 July 1999.
Craig, R.J..	Balancing Debt in the Absence of Money: A Case Study of Documentary Credit in the NSW Colony, 1817-20	11 <sup>th</sup> Annual Accounting Business and Financial History Congress, University of Wales, Cardiff, September
Fleming, G.A.	Unofficial Proposals for Macroeconomic Cooperation in the 1940s Revisited (with Tony Endres)	4 <sup>th</sup> Macroeconomics Workshop, A.N.U., March.
Fleming, G.A.	Does purchasing power parity theory explain exchange rate movements for selected developing nations in South East Asia? (with Richard Heaney and Alipasha Razzaghipour)	Accounting Association of Australia and New Zealand Annual Conference, Cairns, July.
Fleming, G.A.	Deviations and Mean Reversion to Purchasing Power Parity in the Asian Currency Crisis of 1997 (with Grant Fleming and Alipasha Razzaghipour)	28 <sup>th</sup> Annual Conference of Economists, La Trobe University, September.
Fleming, G.A.	Designing a Global Monetary System (with Tony Endres)	28 <sup>th</sup> Annual Conference of Economists, La Trobe University, September.
Heaney, R., A.	A Test of the Effect of Carrying Costs on Predictive Ability of Futures Prices Using the LME Lead Contract	European Financial Management Association 1999 Annual Meeting 23 – 26 June 1999, Paris, France
Heaney, R., A.	Deviations and Mean Reversion to Purchasing Power Parity in the Asian Currency Crisis of 1997 (with Grant Fleming and Alipasha Razzaghipour)	12 <sup>th</sup> Australasian Finance & Banking Conference, Sydney 18-20 December 1999
Hooper, V. J.	Obsolescence Risk and Project Appraisal(with John Pointon)	ANSA, Ile de Maurice, 7 <sup>h</sup> -8 <sup>h</sup> April
Hooper, V. J.	Regional Integration of National Stock Markets (with Richard Heaney and Martin Jaugietis)	ANSA, Ile de Maurice, 7 <sup>h</sup> -8 <sup>h</sup> April
Hooper, V. J.	Valuing the Variable Rate Demand Obligation (with John Pointon)	ANSA, Ile de Maurice, 7 <sup>h</sup> -8 <sup>h</sup> April
Oliver, B.R.	Firm size and derivative use in Japan	11 <sup>th</sup> Annual PACAP/FMA Finance Conference, 8-10 July, Singapore.
Shi, J	Endowment Warrant Valuation (with John Powell and Phillip Hoang)	The 10 <sup>th</sup> Annual CBOT Asia-Pacific Futures Research Symposium, 8-9 February 1999, Hong Kong.
Shi, J	Hot Issue IPO Markets: International Evidence	Doctorate Seminar of European Financial Management Meeting 1999, 23 June 1999, Paris, France
Shi, J	Endowment Warrant Valuation: Further Evidence (with John Powell and Philip Hoang)	13 <sup>th</sup> Australasian Finance & Banking Conference, Sydney 18-20 December 1999
Tran, A.V.	International Accounting Differences and Stock Returns: Evidence from Chinese Firms	The First China Accounting and Finance Review Conference, 11-12 June 1999, Hong Kong

### Seminar Presentations

Staff Member	Title of Paper	Venue
Adamson, B.	Issues Facing Infrastructure in Light of Water Privatisation.	Australian Institute of Engineers, Canberra, May 1999.

Burritt, R.L.	Reporting conservation values: a case in point.	Center of Environmental Sciences, Peking University, Beijing, China, 28 January, 1999.
Burritt, R.L.	Business Strategy and Environmental Responsibility.	Australian Centre for Environmental Law, The Australian National University, 25-26 March, 1999.
Burritt, R.L.	On the incorporation of environmental costs in decision making	Seminar, Department of Geography, SREMES, The Australian National University, 13 April 1999.
Burritt, R.L.	Environmental accounting, Eco-Accounting, Project Accounting and Post-Audit in EIA	National Centre for Development Studies, RSPAS, ANU 26 August 1999.
Burritt, R.L.	Environmental Accounting – Feel the Width	Sustainable Industries Branch Workshop on Environmental Accounting, Environment Australia, Canberra, 10 September 1999.
Burritt, R.L.	Environmental Accounting and the Disclosures of Earth Sanctuaries Ltd	Department of Commerce Seminar Series, ANU, 17 September 1999.
Burritt, R.L.	Environmental Disclosures at Earth Sanctuaries Ltd	Department Seminar Series, Department of Accounting and Finance, University of Newcastle, 8 October 1999.
Craig, R.J.	Balancing Debt in the Absence of Money	Queensland University of Technology, August
Glassop, L.I.	On the Benefits of Self-Managing Work Groups: An Empirical Analysis of Australian Work Organisations.	Department of Commerce Seminar Series, ANU, 15 October 1999.
Heaney, R. A.	A Test of the Effect of Carrying Costs on Predictive ability of Futures Prices Using the LME Lead Contract	The University of Melbourne
Hooper, V. J.	The Pricing of Political Risk (with Christopher Bilson and Timothy Brailsford)	Department of Accounting and Finance, University of Tasmania, 28 <sup>th</sup> May. Department of Commerce, ANU, 6 <sup>th</sup> August. Department of Economics and Finance, Edith Cowan University, 15 <sup>th</sup> October.
Hooper, V. J.	Political Risk and Capital Market Segmentation	Department of Finance and Economics, UTS, 21 <sup>st</sup> May. Department of Accounting and Finance, La Trobe University, 13 <sup>th</sup> May.
Hooper, V. J.	Obsolescence Risk (with John Pointon)	School of Accounting, Curtin University, 20 <sup>th</sup> August.
Hooper, V. J.	World, Regional and Political Risk Influences upon Asia Pacific Equity Market Returns (with Richard Heaney)	School of Banking and Finance, UNSW, 23 <sup>rd</sup> April.
Hooper, V. J.	Regional Integration of Capital Markets in Latin America (with Richard Heaney and Martin Jaugietis)	School of Business, Bond University, 11 <sup>th</sup> June.

### Research Seminar Program

Roger Burritt was responsible for organizing the seminar program in 1999.

Title	Presented by	Date in 1999
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The Use of Dialectical Enquiry in Management Decision Making	Mr Martin Kelly, Senior Lecturer, University of Waikato, NZ.	5 March
The Value of Liquidity: Evidence from the Derivatives market	Mr Howard Chan, Monash University	18 March
The Complexities of Tax Simplification: Progress in Australia, New Zealand and the United Kingdom.	Dr Simon James, University of Exeter.	16 April
Financial versus Non-financial Performance Measures Used by CEOs of Manufacturing Companies: Evidence of their Categories and Determinants.	Professor Dennis Taylor & Wing-Peng Tay, Curtin University of Technology.	30 April
Public and Private Sector Accounting – The Non-Identical Twins	Professor Allan Barton, The Australian National University	14 May
Effects of Macro Economic Variables on Corporate Failure	Associate Professor Ray McNamara, Bond University	28 May
Semantic Expressiveness of Accounting Systems: An Experimental Comparison	Professor Sev Grabski, University of Tasmania	11 June
Balancing Debt in a House of Cards: A Case Study of Documentary Credit in the New South Wales Colony, 1817-1820	Professor Russell Craig, The Australian National University	23 July
The pricing of Political Risk	Dr Vince Hooper, The Australian National University	6 August
Explaining Business Outcome with evaluation results against the Australian Business Excellence Framework	Dr Alexander Hausner, Wollongong University	20 August
The Voluntary disclosure of Audit Committees in Australian Listed Companies' Annual Reports	Peter Baxter, University of Southern QLD	3 September
Environmental Accounting and the Disclosures of Earth Sanctuaries LTD.	Roger Burritt, The Australian National University	17 September
Corporate Social Disclosure: Contemporary Australian Evidence	Tony MacMurtrie, University of Adelaide	15 October
On the Benefits of Self-Managing Work Groups: An Empirical Analysis of Australian Work Organisations.	Linda Glassop, The Australian National University	29 October
Transforming the NSW Workers' Compensation System	Stephen Welch, KPMG	23 November

#### 4. Outreach and Administration

##### (a) Assistance to Government and Professional Associations

- Barton, A.D. Chair ANV/ASCPA National Research Lecture in Government Accounting Committee, Director, UniSuper Ltd; Chairman of Audit & Compliance Committee; member of Strategy Committee (all to May 1999).
- Brailsford, T.J. Executive Committee, Accounting Association of Australia and New Zealand; Auditor, Asian-Pacific Finance Association; Chair Technical Committee, Accounting Association of Australia and New Zealand Annual Conference; Research Policy Committee, SIRCA; Accreditation consultant, Australian Society of CPAs.
- Buckmaster, N. Adjudicator, Annual Report Awards Australia (Banking and Finance).
- Burritt, R.L. External adviser on Progress Reporting to the Australian Greenhouse Challenge Office.
- Craig, R.J. Member, Organizing Committee, ANU/ASCPA Annual Research Lecture in Government Accounting, External advisor to the Malaysian Graduate School of Management, ANU representative, ASCPA's (NSW Division) Universities Committee.

Glassop, L.I. Executive Member, Australian Institute of Socio-Analysis, Finance Coordinator, Australian Institute of Socio-Analysis, Convener, Scientific Seminar on Organisational Learning, Australian Institute of Socio-Analysis

Oliver, B.R. Chairman, Applications Committee, ASCPA (ACT Division), Chairman, Promotions Committee, ASCPA (ACT Division)

**(b) Membership of University Committees**

Adamson, B. Member, Undergraduate Studies Committee; Member, Admissions Committee; Non-resident Academic Fellow- Bruce Hall, Australian National University; Member, ATSI Special Admissions Scheme Committee.

Barton, A.B. Member, ANU Investment Advisory Committee; Member, Edith and Joy London Foundation Management Committee; Member, Stromlo Exploratory Campaign Committee; Member, Board of Fellows of University House (until September), Member, Executive Committee and Treasurer of Cambridge Australia Trust.

Burritt, R.L. Member, Environmental Management Planning Committee.

Craig, R. J. University Research Integrity Adviser; Council member, ANU Sports Union, appointed by the University Council; Member, Board of the Faculties Academic Progress Appeals Committee; Member, Faculty Promotions Committee (to Levels D and E); Member, various Faculty appointments committees

Heaney, R. A. Member of the Board of the Faculties; Member of various Faculty appointments committees.

Shailer, G.E.P. Elected member, Board of The Faculties; Member, Board of The Faculties Steering Committee; Member, Faculties' Research Grants Committee.

Tran, A.V. Member, Faculty of Economics and Commerce Graduate Studies & Research Committee; Alternate Member, Admissions Committee; Member, Disability Advisory Group.

**(c) Editorships and Refereeing Activity**

Barton, A.D. Referee for *ABACUS: Australian Accounting Review; Accounting, Auditing and Accountability*.

Brailsford, T.J. Editorial Board *Accounting and Finance; Accounting Research Journal; Accounting, Accountability and Performance; Co-editor of McGraw-Hill series in Advanced Finance*.

Buckmaster, N.C. Review of *Fundamentals of Marketing, Fourth Australian Edition*.

Buckmaster, N.C. Review of *How to Prepare a Marketing Plan, First Australian Edition*.

Burritt, R.L. Referee for *Critical Perspectives on Accounting, Journal of Environmental Management (editorial advisory board), Australian Accounting Review, Accounting, Auditing and Accountability Journal, Accountability and Performance; Abacus; Accounting Forum (editorial pane); and News Journal of the Asia Pacific Centre for Environmental Accountability (editorial board)*.

Craig, R.J. Referee for *Accounting, Auditing and Accountability; ABACUS, Accounting Forum; Accounting Commerce and Finance: The Islamic Perspective*.

Editorial Board *Accounting Commerce and Finance: The Islamic Perspective; The Asian Review of Accounting; The Journal of Akuntansi and Auditing, Indonesia.*

- Fleming, G.A. Editor of *Australian Economic History Review*.
- Glassop, L.I. Editorial Board *Socio-Analysis*
- Heaney, R. A. Editorial Board *Accounting Research Journal*; Referee for *Accounting and Finance, Australian Journal of Management, Journal of Futures Markets and Agenda*; Referee for the 1999 AAANZ conference; Book Review Editor for *Accounting and Finance*.
- Hooper, V. J. Editorial Board *Asian Review of Accounting*. Referee for the *Asian Review of Accounting*.
- Jubb, P.B. Referee for *Accounting Research Journal*
- Oliver, B.R. Referee for *Accounting Research Journal*

**(d) Academic Awards**

- Buckmaster, N.C. Faculty of Economics and Commerce Award for "Excellence in Teaching".
- Craig, R.J. Vice Chancellor's Award for Teaching Excellence.

**(e) Student and General Staff participation in the Departmental Committee**

**Student Membership**

The following students were appointed to the Departmental Committee for one year:

First-year Representative	Chris Wood
Later-year Representative	Ruth Hilton
Hons & later-year Representative	Peter Aguilera
Post-graduate Representative	Chris Bilson

**General Staff Membership**

Ms Melissa Perryman

**5. Staff**

**(a) Staff list for 1999**

- Head of Department: R.A. Heaney BComm (Hons) *Ncle* MEc ANU PhD UQ FCPA
- Professors: T.J. Brailsford MEc PhD *Monash* FCPA AIBF (Snr) FAIM (Dean)
- R.J. Craig MComm PhD *Ncle* FCPA FAIM

Professor Emeritus: A.D. Barton BComm *Melb* PhD *Camb* FASA

Senior Lecturers: R.L. Burritt BA *Lancs*, MPhil *Oxon* FCPA CA ACIB  
 G.A. Fleming MA PhD *Auckland*  
 P.B. Jubb MA *Oxon* FCA  
 G.J. Kelly BFinAdmin (Hons) MEc *NE* PhD *ANU* FCPA  
 G.E.P. Shailer MComm *Ncle* PhD *Adelaide* FCPA  
 A.V. Tran MSocSc *HongKong* PhD *ANU* CPA

Lecturers: B. Adamson BFinAdmin MEc *NE*  
 N. Buckmaster BBus MBus *UTS*  
 G.C. Dempsey LLB (Hons) *ANU* PhD *ANU (until 30 June)*  
 A.J. Greinke BComm (Hons) LLB (Hons) PhD *ANU* CPA  
*(until 18 July)*  
 V. J. Hooper BA (Hons) PhD *Plymouth*  
 S. Jenkins BAg Sc *Syd* Grad Dip Prof Acc *UC*  
 B. Oliver BComm *Ncle* MEc *Monash*  
 K. Stevens MComm *NSW (until 16 July)*  
 M.I. Tahir MSc *Punjab* MPhil *Islamabad* GradDipEd  
 GradDipProfAcc *UC* MSc *ANU* MEc *UNE* CPA *(until 7 July)*

Associate Lecturers: L.I. Glassop MBA (*Macq*), MAISA  
 H. Ryan BComm LLB (Hons) *ANU* Grad Dip Legal Practice *ANU (from 1 July)*  
 J. Shi BComm (Hons) *Otago*  
 T. Psychogios BEc BComm (Hons) *ANU (0.5)*  
 S. Goode BComm (Hons) *ANU (0.5)*

Dept. Administrator: M. McAuliffe

Administrators: M. Perryman *(until 20 August)*  
 K. Reavley

IT Support Staff: K. MacLaren (0.6) BA *ANU (until 7 May)*

**(b) Visitors**

Dr Ananth Seetharaman,	August 1999
Dr John Powell, University of Otago	March – June 1999
Dr Simon James, University of Exeter	April 1999
Professor Anthony Wensley, University of Toronto	August 1999
Ms Liang Ming Zhang, Heilongjian Institute of Commerce	July 1998 – June 1999
Mr Loke Wai Keong (Benny), School of Business Temasek Poltechnic	Oct - November 1999
Professor Allan Hodgson, Griffith University	February 1999

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## B. DEPARTMENT OF ECONOMICS

### 1. Overview

The highlight of the year was the department's extraordinary success in winning Australia Research Council competitive grant funding: five Large Grants, worth over \$260,000 per year for three years, one Strategic Partnership with Industry (SPIRT) grant for three years, and a five year Senior Research Fellowship. Taken together with the arrival in the department of Professor John Quiggin on an existing ARC Senior Fellowship, this amounts to just over \$500,000 of annual research income which will enhance the already significant research profile of the department.

Simon Grant and Flavio Menezes are investigating why sellers in some auctions do not publicly declare their reserve price. Their conjecture, that this allows the sellers to better gauge buyers' valuations (hence to achieve a higher selling price), is derived from analysis of strategic behaviour in situations of asymmetric information. Testing this conjecture on data from Australian wool auctions will shed light on optimal design of auctions which are becoming increasingly important as Australian governments use auction style procedures to allocate licenses and sell assets.

Other Large Grant funded projects include:

- John Quiggin's research into decision-making under uncertainty with applications to decisions in the agricultural sector involving insurance, storage, drought relief and price stabilisation;
- Steve Dowrick's analysis of the factors that explain the success or failure of the world's poorer economies to catch-up with the technological leaders;
- Sau-Him (Paul) Lau's investigation of public policy on social investment (including training and education) in the context of a growth model exhibiting dynamic interaction between social and physical investment;
- Rod Tyers' research into the impact of the Asian boom and bust on wages and employment in Australia.

The SPIRT grant is the result of collaboration with the Australian Competition and Consumer Commission. It will fund a doctoral student to work under the supervision of Matt Benge, analysing conditions for infrastructure monopolists to provide access to competitors selling electricity, telephone services, etc. These competitive grant successes reflect the high esteem in which Australian and overseas referees hold the research and publication records of the applicants. Other members of the department are continuing their research activities which led to publication in significant international journals on the subjects of price controls (Paul Chen) and the auctioning of emission permits (Jeffrey Kline). Matt Benge was awarded the Economic Society of Australia's prize for the Best Paper in the Economic Record for his 1998 paper on 'Depreciation Provisions and Investment Incentives Under Full Imputation'. This level of success consolidates the reputation of the department as the premier teaching-research department of economics in the country. It establishes our credentials in attempting to increase our honours and graduate enrolments by bringing students from overseas and from around Australia to the ANU. Together with the economists in the IAS, we are able to provide the best advanced economics training and research environment in the country. An important strategic concern for the department is how to get this message across to the best students in Australia and the region in order to increase recruitment of honours and graduate students.

One initiative that has started to bear fruit has been the opening up of our fourth year honours program in economics to high-performing students from other universities and our introduction of a new honours program in applied economics. We have also started discussions with other faculties exploring the possibilities of new undergraduate degrees in the social sciences and in mathematical economics. Such initiatives may go some way to offsetting the resource and staffing impact of the decline over the past decade in domestic undergraduate enrolments in the Bachelor of Economics (a decline common to most Australian universities). This year we have lost Mark Harrison who served as a Lecturer in the department since 1991, Linda Richardson who has been a Tutor / Associate Lecturer since 1989, and Christina Jankovic who has been a Research Assistant and for a very long time (i.e. further back than the departmental records go). We have welcomed Kris Funston as a part-time Associate Lecturer and Akihito Asano and Guy Bruten as part-time research assistants on ARC funded projects.

## **Courses and Teaching**

### **(a) Graduate Teaching Activities**

#### **PhD Students Supervised or Advised**

<b>Student</b>	<b>Dissertation Topic</b>	<b>Supervision</b>
Abu Taher Mollik *	Empirical Tests of the Effect of Debt-equity Choice on Firm Values.	Chris Jones

Alexandria Sidorenko	Macroeconomic Implications of Population Ageing.	Graeme Wells
Andrew Lancaster *	Technological Progress and the Labour Market.	John Logan, Graeme Wells and Steve Dowrick
Andrew Waite	Incomplete Contracts, Bargaining and Regulation.	Simon Grant
Asep Suryahadi *	The Effects of Openness on Developing Country Labour Markets: The Case of Indonesia.	Rod Tyers and Paul Chen
Chang-Soo Lee	Sustainability of Growth in the Transitional Economies: The Case of Korea.	Steve Dowrick
D. Graham	Ownership Structure and Foreign Investment Links in China's Wool Textile Industry.	Ben Smith
Doan Hong Quang	Factor Market Distortions and Long Run Growth.	Neil Vousden
Glorivic Salveron	Intellectual Property Rights in Developing Countries: The Case of the Philippines.	Rod Tyers
K.K. Tang	Monetary Unification Between China and Hong Kong.	Graeme Wells
M.C. Gray	The Effect of Unemployment on Australian Labour Market Outcomes.	Paul Chen
Akihito Asano*	Inequality and Economic Growth.	Steve Dowrick
Murdoch MacPhee *	Migration with Heterogeneous Agents.	Simon Grant
Natalie Stoeckl *	Evaluation of Environmental Benefits.	Ben Smith
Paisan Rupranitkit	Monetary Policy in Thailand 1980-94.	Graeme Wells
Pham Huong	Trade Reform and Growth in Vietnam.	Rod Tyers
Richard Dennis	An Analysis of Open Economy Monetary Policy.	Graeme Wells
Robert Ackland *	Estimating True Cost of Living and Welfare Indices.	Steve Dowrick and Paul Chen
Sofia Levtchenkova *	Forecasting the Level of Australian Economic Activity.	Chris Jones
Takaharu Eto *	A Microeconomic Approach to Excessive Lending and Bad Debt Problems in the Japanese Economy in the 1980s and the 1990s.	Simon Grant
Tomoya Suzuki *	Dynamic Effects of Monetary Shocks on the Business Cycle in Japan.	Graeme Wells
Trevor Sutton	The Social, Psychological and Economic Factors Influencing Compliance with Child Support.	Simon Grant
Tuan Bui	Savings Behaviour of Households in Vietnam: Theory and Evidence.	Neil Vousden
Vanessa Tamms	Liberalising Trade in International Air Transport Services: A Preliminary Analysis of Aviation	John Logan

	Market Regulation.	
Vladimir Pavlov	Topics in Financial Econometrics.	Simon Grant
Tinsong Jiang	Analysis of Pollution Control Policy in China.	Ben Smith
Haruo Nakagawa	Foreign Ownership, Technology and Wage Premiums.	Neil Vousden Rod Tyers
James Benjamin	Economic Fluctuations in Australia: A Role for the Reserve Bank.	Graeme Wells
Teuea Toatu	Corruption, Government Expenditure and Economic Growth.	Tom Kompas and Neil Vousden
Dominic Wilson	Trade and Growth in the Asia Pacific.	Neil Vousden
Kem Reat Viseth	Currency Substitution and Dollarization in Cambodia.	Tom Kompas
Quoc Ngo Vu	State Owned Enterprises and Economic Reform in Vietnam.	Tom Kompas

\* Based in the department.

**(b) Prizes Awarded in Economics**

**Prize**

**Recipient(s)**

**Australian Finance Conference Prize in Monetary Economics.**

Burston, B.

Awarded to the student who achieves the best result in the nominated subject, being the unit ECON2026 Monetary Economics.

**Bankers Trust Australia Prize for Economics I (Honours).**

Hayes, G.

Awarded each year to the student who, in that year: (i) was enrolled in a course leading to the award of the degree of Bachelor; (ii) was also enrolled in the unit Economics I (H); and (iii) who achieved the best result in that unit.

**Commercial Representatives' and Agents' Association of Australia Limited Prize.** Awarded to the candidate for a bachelor's degree who achieves the best result in that year in the unit Economics III (Honours).

Appels, D.

**Commonwealth Department of Finance and Administration Award.** Awarded to the undergraduate who achieves the best result in Microeconomics 3.

Wilson, B.

**Economic Society Prize for Economics IV (Honours).** Awarded each year to the candidate for a bachelor's degree who achieves the best results in that year in the unit Economics IV (Honours).

Ewing, R

**Economics Society Prize for Economics II (Honours).** Awarded each year to the candidate for a bachelor's degree who achieves the best aggregate result in that year in the units Microeconomics 2 (H) and Macroeconomics 2 (H).

Minty, J.  
Murphy, C.

**Mathews Graduate Diploma in Economics and Public Economic Policy.** Awarded each year to the student who, in that year, completed the requirements for the award of the Graduate Diploma in Economics or in Public Economic Policy and who is judged to have performed best in the course for the Diploma.

Hinchcliff, C.

**Matthews Prize in Public Economics.** Awarded each year to the undergraduate or graduate student who receives the best result in the nominated units offered by the Faculty of Economics and Commerce, being the units Public Economics – Theory, (or Principles of Public Economics) or Public Economics – Applications, (or Public Expenditure and Taxation Analysis).

Appels, D.

**Robert Jones Prize for the Master of Economics.** Awarded each year to the student who in that year: (i) was enrolled in the coursework program leading to the award of the degree of Master of Economics; (ii) completed requirements for the award of the degree; and (iii) achieved the outstanding academic performance during the course.

Willard, L.

**Treasury Prize in Economics III (Honours)** Awarded each year to the student who, in the opinion of the Head of Department of Economics in the Faculty of Economics and Commerce, achieves the best results in that year in the unit Economics III (H).

Appels, D.

**(c) Student Results**

***Refer to Appendix Table – Analysis of student performance.***

**3. Research Activity**

**(a) Research Grants**

Benge, M. 'An Analysis of Access Pricing Issues', SPIRT Grant (with Australian Competition and Consumer Commission), 2000-02, \$63,240.

Dowrick, S. 'New International Comparisons of Economic Performance' Large ARC Grant for 1998-00 \$174,000.

Dowrick, S. 'Economic Growth and Convergence: Testing Theories of Decreasing Returns Versus Theories of Technological Transfer' ARC Large Grant for 2000-02, \$140,500.

Dowrick, S. 'Economic Growth: Its Processes, Causes and Consequences for National Welfare', ARC Senior Fellowship, 2000-04, \$500,000.

Grant, S. 'Evaluating Risk in the Presence of Undiversifiable Background Risk: Implications for the Equity Premium and Public Investment' Large ARC Grant for 1998-00 \$96,591.

Grant, S. and Menezes, F. 'To Reveal or Not to Reveal: An Investigation into the Role of Secret Reserve Prices in Auctions' ARC Large Grant for 2000-02, \$192,000.

Lau, P. 'Examining the Dynamic Effects of Investment on Output: A Simultaneous-equations Approach' Small ARC Grant for 1998-1999 \$10,000.

Lau, S-H, and Dowrick, S. 'Investment in Social Infrastructure: Dynamics of a Multi-Sector Growth Model and Implications for Public Investment', ARC Large Grant for 2000-02, \$119,000.

Menezes, F. 'Uniform versus discriminatory-price Treasury Bill Auctions' Small ARC Grant awarded in 1999 \$9,000.

Tyers, R. 'Growth and Recession in Asia: Impacts on Wages and Employment in Australia and Other High Wage Countries', ARC Large Grant for 2000-02, \$80,000.

**(b) Publications**

**Book Chapters**

Dowrick, S. (1999). Economic Growth. *The Australian Economy (3rd edition)*, Allen and Unwin, St. Leonards, NSW, 6-25.

- Kompas, T., T. N. Che, et al. (1999). Market Reform and Vietnamese Agriculture. *Vietnam and the East Asian Crisis*. S. Leung, Edward Elgar, Cheltenham, 206-218.
- Vousden, N. (1999). Comment on Scott Taylor, "Trade and Trade Policy in Endogenous Growth Models", *International Trade policy and the Pacific Rim*. J. P. a. A. Woodlands, Macmillan, London, 344-347.

#### Journal Articles

- Benge, M., "How to tax food and make the tax system more progressive at the same time." *Agenda* 6(1): 91-94. (1999)
- Chen, P. "Setting price controls while facing variable or uncertain market conditions." *International Economics Review* 40(3): 617-634. (1999)
- Donoghue, M. "William Thomas Thornton on trade union efficacy: A fraction too much friction." *Review of Political Economy* 11(2). (1999)
- Grant, S., G. Garvey, et al. "Myopic corporate behaviour with optimal management incentives." *Journal of Industrial Economics* 47(2): 231-250. (1999)
- Grant, S., J. Eichberger, et al. "On relative performance contracts and fund managers' incentives." *European Economic Review* 43(1): 135-161. (1999)
- Grant, S., M. Engers, et al. "First author conditions." *Journal of Political Economy* 107(4): 859-883. (1999)
- Kline, J. and F. Menezes. "A simple analysis of the US emission permits auction." *Economics Letters*(65): 183-189. (1999)
- Lau, P. "I(0) in, integration and cointegration out: Time series properties of endogenous growth models." *Journal Of Econometrics* 93(November): 1-24. (1999)
- Menezes, F. "Price stabilisation and microeconomic reforms in Brazil." *Agenda* 6(3): 237-250. (1999)
- Menezes, F. and P. Monteiro. "Auctions with endogenous participation." *Review of Economic Design* 4. (1999)
- Tyers, R., R. Duncan, et al. "Trade, technology and labour markets." *Journal of Economic Integration* 14(2): 226-264. (1999)
- Wells, G., B. Bourdot, et al. "Convergence in an open economy growth model." *New Zealand Economic Papers* 32(2): 107-127. (1999)

#### Book Reviews

- Wells, G. "Review of A. Blinder *Central banking in theory and practice*." *Economic Record* 75: 434-435. (1999)
- Wells, G. "Review of R. McLeod and R. Garnaut (eds) *East Asia in crisis: from being a miracle to needing one?*" *Bulletin of Indonesian Studies* 35(1): 153-156. (1999)

#### Conference Proceedings

- Chen, P., Gender wage differentials in performance pay and time wages. *51st Annual Meeting of the Industrial Relations Research Association*, New York, Industrial Relations Research Association.
- Dowrick, S., Demographic change and Australian economic growth to 2020. *Policy Implications of the Ageing of Australia's Population*, Melbourne, AusInfo.
- Grant, S. and J. Quiggin (1999), The Equity Premium Puzzle and the Privatisation Paradox. *Industry Economics Conference*, AusInfo.
- Kline, J., Carrot and Stick Games. *Industry Economics Conference*, Melbourne, Ausinfo.

#### (c) Conference and Seminar Presentations

##### Conference Presentations

- |               |   |
|---------------|---|
| Paul Chen     | "Gender wage differentials in performance pay and time wages," at Labor Markets/Labor Economics Refereed Papers (Symposium), Industrial Relations Research Association 51 <sup>st</sup> Annual Meeting, New York City, January 3-5, 1999.<br>Discussant at 1999 Australian Labour Market Research Workshop, Centre for Economic Policy Research, ANU, November 23-24, 1999. |
| Steve Dowrick | "Ageing and economic growth", at Conference on the Economic   |

Simon Grant	<p>Implications of the Ageing Population, Melbourne Institute/Productivity Commission, March 18-19, 1999.</p> <p>"Preference for information and dynamic consistency," 1999 Australasian Meetings of the Econometric Society, School of Finance and Economics, The University of Technology, Sydney, July 7-9, 1999.</p> <p>"Economics of choice under uncertainty: theory, evidence and new directions", at 1999 Australian Economic Society 28<sup>th</sup> Annual Conference of Economists, School of Business, La Trobe University, Melbourne, September 26-30, 1999.</p>
Paul Lau	<p>"Is there endogenous long-run growth? Evidence based on an error correction model", North American Econometric Society Meetings, New York City, January 3-5, 1999.</p> <p>"An alternative approximate analytical solution procedure to optimising growth models", 1999 Taipei International Conference on Economic Growth, Academia Sinica, Taipei, December 17-18, 1999.</p>
Rod Tyers	<p>"The Asian recession and northern labour markets", Second Annual Conference on Global Economic Analysis, Copenhagen, June 20-22, 1999 (with Y. Yang).</p> <p>"Agricultural trade reform after the Asian recession: a bridge too far?" International Economics Study Group Conference, University of Birmingham, September 10-12, 1999 (with Y. Yang).</p> <p>"European unemployment, US wages and the Asian emergence", European Trade Study Group Conference, Erasmus University, Rotterdam, September 24-26, 1999 (with Y. Yang).</p> <p>Invited discussant: Phuong Le, "Assessing Vietnam's trade reform in the regional and global context, PhD Conference in Economics and Business, University of Western Australia, Perth, November 3-5, 1999.</p>
Graeme Wells	<p>"Teaching Solow-Swan", University of Guelph, Ontario, September 15, 1999.</p> <p>"Tax cuts and fiscal Responsibility legislation", University of Guelph, Ontario, December 3, 1999.</p>

### Seminar Presentations

Robert Albon	OECD experience with trade liberalisation, industry policy and state owned enterprise reform.	International Development Program, International University of Japan, January 27, 1999.
Robert Albon	Eight guiding principles for successful tax reform.	Faculty of Economics, Niigata University, January 29, 1999.
Robert Albon	Piecemeal tax reform: broadening the base.	Institute of Economic Research, Kyoto University, February 4, 1999.
Robert Albon	Economics of employment in the arts.	Communications Research Forum, Old Parliament House, Canberra, September 28, 1999.
Robert Albon	Efficient tobacco taxation: Ramsey and Pigouvian considerations.	Department of Economics, University of Canterbury, October 15, 1999.
Robert Albon	Efficient tobacco taxation: Ramsey and Pigouvian considerations.	New Zealand Treasury, October, 19, 1999.
Robert Albon	Economics of employment in the arts.	Institute of Policy Studies and Department of Economics, Victoria University of Wellington, October 29, 1999.
Simon Grant	Decomposable choice under uncertainty.	Institute for Economic Research, The University of Kyoto, February 2, 1999.

Simon Grant	Preference for information and dynamic consistency.	Institute for Social and Economic Research, University of Osaka, February 3, 1999.
Simon Grant	The equity premium puzzle and the privatisation paradox.	The Research Institute of Economics and Business, Kobe University, February 4, 1999.
Simon Grant	Decomposable Choice under Uncertainty.	Department of Economics, University of Tokyo, February 9, 1999.
Simon Grant	The equity premium puzzle and the privatisation paradox.	The Institute for Policy and Planning Science, University of Tsukuba, February 4, 1999.
Simon Grant	Decomposable choice under uncertainty.	Centre for Economic Research, The University of Tilburg, December 14, 1999.
Tom Kompas	Incentives and static and dynamic games from market reform in an emerging profits model.	Department of Economics, University of NSW, October 22, 1999. Department of Economics, University of Sydney, October 21, 1999. Department of Economics, Deakin University, 30 April, 1999. University of Melbourne, April 29, 1999. Department of Economics, La Trobe University, April 28, 1999. Trade and Development Seminar Series, Division of Economics, Research School of Pacific and Asian Studies, ANU, 1999
Tom Kompas	A simple monetary growth model with variable rates of time preference.	Fourth Macroeconomics Workshop, ANU, April 9, 1999.
Tom Kompas	Endemic corruption and the collapse of endogenous growth.	Trade and Development Seminar Series, Division of Economics, Research School of Pacific and Asian Studies, ANU, October 5, 1999.
Paul Lau	Can the Solow-Swan model be a good approximation to the Ramsey-Cass-Koopmans model?	University of New South Wales, August 13, 1999. Research School of Social Sciences, ANU, August 20, 1999.
Paul Lau	An alternative approximate analytical solution procedure to optimising growth models.	University of Hong Kong, December 8, 1999.
Flavio Menezes	An introduction to auction theory.	IMPA, January 1999.
Flavio Menezes	Discrete public goods with incomplete information.	Economic Theory Workshop, Melbourne University, February, 1999. Far Eastern Meeting of the Econometric Society 1999, National University of Singapore, July, 1999 University of New South Wales, September, 1999.
Flavio Menezes	Synergies and price trends in sequential auctions.	Economics Program, Research School of Pacific and Asian Studies, ANU, May, 1999. 1999 Meeting of the Brazilian Econometric Society, December,

**Comment:** What the f### is this

Rod Tyers	The Asian emergence and unemployment in Europe and Australia.	1999. Department of Economics, Research School of Pacific and Asian Studies, ANU, August 17.
Rod Tyers	Sectoral similarity and the magnitude of Stolper-Samuelson effects.	School of Economics, University of Nottingham, September 6, 1999.
Rod Tyers	The Asian emergence and European unemployment.	International Economics Department, World Bank, Washington DC, October 12, 1999.

### Research Seminar Program

Anthony Creane (Michigan State)	Non-Co-operative Bargaining: A Literature Survey	March 4
Robert Breunig (ANU)	A Game Theoretic Explanation of the Cashout Puzzle in the US Food Stamp Program	March 11
Simon Grant (ANU)	Decomposable Choice Under Uncertainty	March 18
Aki Asano & Takaharu (ANU)	Inequality and Economic Growth/A Microeconomic Approach to Excessive Lending and Bad Loan Problems in Japan	March 25
John Livernois (University of Guelph)	Was Hotelling right? Depletion Effects and the Scarcity Rent Paths	April 1
Murdoch	Modelling Interactions between Heterogeneous Agents/The Credit Channel of Monetary Policy	April 8
MacPhee/Tomoya Suzuki (ANU)	Transmission: The Japanese Case	
Phil McCalman (ANU)	Protection for Sale and Trade Liberalisation: An Empirical Investigation	April 15
Norman Gemmell (University of Nottingham)	Fiscal Policy and Economic Growth: Evidence from the OECD	April 22
Robert Waschik (Wilfrid Laurier University)	Resolutions of the Neo-classical Ambiguity in the Specific Factor Model	April 29
Damien Eldridge/Abu Mollik (Economics, Faculties)	The Impact of Environmental Regulations upon Pollution Control Innovation: A Survey of the Literature/Debt-Equity Choice and Firm Values	May 6
Flavio Menezes (Economics, Faculties)	Discrete Public Goods with Incomplete Information	May 13
John Landon-Lane (University of NSW)	Bayesian Comparison of Dynamic Macroeconomic Models	May 20
Erkan Yalcin (Flinders University)	Existence of Equilibria in Incomplete Markets with Non-Ordered Preferences	May 27
Matt Bengt (Economics, Faculties)	Marginal Excess Burdens of Taxes on Capital and on Labour Income in a Small Open Economy	June 3
Denise Doiron (University of Sydney)	Modelling Hours Constraints	June 10
Barbara Spencer (University of British Columbia & NBER)	Keiretsu and Relationship-Specific Investment: A Barrier to Trade?	June 17
Robert Wilson (Stanford Business School)	Design of Activity Rules for Auctions	July 5
Roger Farmer (UCLA)	The Monetary Transmission Mechanism	July 29
R. Tourkey (University of Melbourne)	Markets with Many More Commodities than Agents	August 5
Jeff Kline (Economics, Faculties)	Carrot & Stick Games	August 12
Dharmika Dharmapala (Economics, RSPAS)	Legislative Bargaining and Votebuying in the Shadow of Lobbying	August 19
Christian Pfeil (University of Melbourne)	Capital Structure as an Incentive Device for a Management with Limited Liability	Sept 2

Robert Ackland (Economics, Faculties ) Madison)	Incorporating Leisure into International Comparisons of Real Income	Sept 16
Stephen Turnovsky (University of Washington)	Government Policy in a Stochastic Growth Model with Elastic Labor Supply	Sept 23
Bruce Chapman (CEPR, RSSS)	The Unemployment Trap Meets the Age-Earnings Profile	Oct 7
Hodaka Morita (University of NSW)	Durable Goods, Maintenance and Second-Hand Markets	Oct 14
Warwick McKibbin (Economics, RSPAS)	Permit Trading Under the Kyoto Protocol and Beyond	Oct 21
George Fane (Economics, RSPAS)	Exchange Controls and the Asian Crisis	Oct 28
Daniel Primont (University of Southern Illinois)	Stochastic Estimation of Firm Inefficiency using Distance Functions	Nov 4
Akihito Asano (Economics, Faculties)	Education, Fertility & Growth: Does Inequality Matter?	Nov 25
Max Tani (Economics, RSSS)	The International Trade of Skills in the European Union: 1986-1994	Dec 2
Gerald Garvey (University of British Columbia)	EVA versus Earnings: Does $R^2$ Matter?	Dec 20

#### 4. Outreach and Administration

##### Robert Albon

Director, Centre for Applied Economics.

Editor, *Agenda*.

Member, Judging Panel, Australian Institute of Public Administration Prize for Commonwealth Statutory Authority Annual Reports.

Organisation and partial conduct of a course in 'Managing Utilities' for South Australian Water Corporation, Adelaide, April, 1999.

Organisation and partial conduct of a course in 'Managing Utilities' for United Water, Adelaide, October.

Organisation and conducting of two sessions of a Short Course on Cost-Benefit Analysis for Regulatory Review for the Productivity Commission's Office of Regulation Review, April, 1999.

External referee for Productivity Commission's Position Paper on *International Telecommunications Market Regulation*, June, 1999.

External referee for the applied welfare analysis in the Productivity Commission's report, *The Australian Gambling Industries*, July, 1999.

Interview on the use of cost concepts in telecommunications analysis published in conjunction with the Australian edition of John Taylor's *Microeconomics*.

##### Matt Benge

"A Goods and Services Tax", address to the Economics students at the University of Canberra, February, 1999.

"Business Taxation Reform", address to the Australian Senate Finance and Public Administration Committee on Business Taxation, November, 1999.

##### Paul Chen

Member, Economics Accreditation Panel, ACT Board of Senior Secondary Studies.

Reviewer of draft syllabus package for Economics Stage 6, NSW Board of Studies.

External examiner for Yew Liang Lee's PhD thesis "The Economic Effects of Schooling and the Wage Effects of Drinking and Smoking in Australia", University of Western Australia.

##### Steve Dowrick

Consultant to Productivity Commission on "Microeconomic Reforms and Australian Productivity".

Consultant to Department of State Development, Victoria, on "Innovation and Economic Growth".

Member of ANU/University of Canberra Working Group on an Economic Impact Study for the ACT.

**Simon Grant**

Chair of Australian Research Council's Social Sciences and Humanities Discipline Panel  
Member of Committee of Review of Charles Sturt University's Faculty of Commerce  
Member; Editorial Board, *Journal of Mathematical Economics*;  
Member, Editorial Board, *Australian Economic Papers*  
Refereeing: *American Economic Review*, *Australian Economic Papers*, *Canadian Journal of Economics*, *Econometrica*, *International Economic Review*, *Journal of Economic Behaviour and Organisation*, *Journal of Economic Theory*, *Journal of Industrial Economics*, *Review of Economic Studies*.

**Jeffrey J. Kline**

Referee:  
*Journal of Economic Behavior and Organization*  
*Australian Economic Papers*  
*Australian Economic Review*

**Tom Kompas**

Economic Theory Refresher Course, *Fiscal Policy*, Treasury

**Flavio Menezes**

Economic Theory Refresher Course, *Auction Theory*, Treasury  
Session Chair at FESEM99 in Singapore  
Two lectures in the economics of corruption given to students enrolled in the NCDS unit  
*Corruption and Anti-corruption*, July, 1999  
"Understanding Auctions: Theory and Practice; special lectures given at the XXI Meeting of the Brazilian Econometric Society, Belem, December, 1999.  
Discussant at:  
FESEM99 (Singapore)  
1999 Economic Theory Workshop (Melbourne)  
XXI Meeting of the Brazilian Econometric Society  
Referee:  
*Australian Research Council*; *Economic Record*; *International Economic Review*; *Journal of Public Economic Theory*; *Mathematical Social Sciences*; *Pesquisa e Planejamento Econômico*; *Review of Economic Design*; *Revista de Econometria*  
*Revista de Brasileira de Economia*

**Rod Tyers**

1999 Recipient of travel award to deliver the *Jean Monnet Lecture* at the 24<sup>th</sup> Annual Conference of the International Economics Study Group of the U.K.  
Visiting Fellow School of Economics, University of Nottingham, August – September, 1999.  
Visiting Fellow Department of Economics, Research School of Asian Studies, ANU, October 1999 – January 2000.  
External referee, Industry Commission, Melbourne, coal sector modelling and benchmarking, January-February.  
Honorary research fellow, Global Trade Analysis Project, Purdue University, West Lafayette, Indiana.  
Lecturer on international economics, Treasury department Refresher course in economics.

**Graeme Wells**

Co-ordinator and participant in Treasury contract on Refresher courses.  
Convenor, Fourth Australian Macroeconomics workshop.  
Invited visit to Dongbei University of Finance and Economics, Dalian, Peoples Republic of China.  
Referee for New Zealand Treasury Long-term Fiscal Model project.  
Co-editor, *Economic Record* (from May, 1999).  
Associate Editor, *Agenda*.  
*Equity and Diversity Consultative Group* representative of the Faculty of Economics and Commerce.  
*University Library Committee* representative of Social Sciences and Humanities cluster.

## 5. Staff

### Head of Department and Professor

S. Dowrick, BA *Cambridge*, PhD *Warwick*, FASSA

### Professors

S. Grant, BEc BSc *ANU*, AM PhD *Harvard*

### Readers

B. Smith, MA *Aberdeen*

R. Tyers, BEng, MEngSci *Melbourne*

N. Vousden, BA, PhD *ANU*

G. Wells, BEc, PhD *Tasmania*

### Senior Lecturers

R.P. Albon, BEc *La Trobe*, DipEd *Monash*, MEc, PhD *ANU*

P. Chen, BA *Yale*, MA, PhD *Stanford*

C. Jones, BEc, PhD *ANU*

T. Kompas, BSc, MSc *Iowa*, PhD *Toronto*

J. Logan, BS, MA, PhD, *Cornell*

### Lecturers

M. Benge, BA, BSc *Victoria*, MEc *ANU*

M. Harrison, BEc *ANU*, MA, PhD *Chicago*

J. Kline, BA, MA, PhD *VirgPI*

P. Lau, BSocSc *Hong Kong*, MS LSE, PhD *Stanford*

F. Menezes, MEc *EPGE/FGV*, PhD *Illinois*

### Associate Lecturers

S. Austin, BEc Hons *ANU*

C. Allen, BEc Hons *Adelaide*

K. Funston, BEc Hons *ANU*

### Research Assistant

C. Jankovic, BEc *ANU*, Grad Dip Pub Econ *ANU* (till February)

### Administrator

Z. Miranda

### Assistant Administrator

Terry J. Embling

### Visitors

Professor John Livernois

Professor Anthony Creane

Professor Norman Gemmell

Professor Richard Cornes

Professor Rod Falvey

Dr Neil Campbell

Guelph University

Michigan State University

Nottingham University

University of Keel

Nottingham University

Massey University

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## C. DEPARTMENT OF ECONOMIC HISTORY

### 1. Overview

Throughout 1999 the Department of Economic History continued to build on the hard won achievements of 1998. Deficits were reduced, undergraduate and post graduate enrolments increased, a new unit entitled *Consumers and Consumption* was introduced, two new units focussing on international business development were developed for teaching to begin in the major *International Business* in 2000, and the volume of published work by members of the department increased. These achievements were made in

the face of higher teaching and administration loads, and extreme parsimony in resource support for teaching, research, or for any form of academic activity away from the university.

The department continued to maintain its high profile in the discipline of economic history. Dr Ville co-edited the national journal, *The Australian Economic History Review*. Members of the department sat on the editorial and executive boards of learned societies and journals of economics, economic history and the history of economic thought. Dr van der Eng is a corresponding member of the Humanities and Social Sciences Section of the Royal Netherlands Academy of Sciences. The publications list appended to this report shows the department achieved a publication rate of 2.2 published refereed articles per member of staff, a further small improvement over 1998. Members of the department were active in other academic activities. Mr Cornish co-convened the History of Economic Thought Society National Conference. Mr Gage organised a two-day colloquium entitled 'Europe at the ANU'. Members of the department refereed manuscripts for the following academic journals: *Economic History Review*; *Journal of Economic History*; *Explorations in Economic History*; *Australian Economic History Review*, *Australian Journal of Agricultural Economics*, *Business History*, *Business History Review*, *International Journal of Maritime History*, *Bulletin of Indonesian Economic Studies*, and *History of Economics Review*. The department also enjoyed a vigorous seminar program and hosted a number of academic visitors, prominent among whom was Professor Roy Weintraub, the distinguished American historian of economic thought.

Constant restraint in all areas of spending was maintained throughout the year. This resulted in a further significant reduction in the department's annual operating deficit to \$94,000 compared with \$213,000 in 1997. Savings made since 1997 have meant significant increases in staff/student teaching ratios, and in the administrative and organisational burdens falling on all members of staff. It has also meant severe cuts on support for teaching, research, and any form of academic activity requiring travel away from the university. In spite of these burdens staff continued to pursue their academic and administrative goals vigorously. New units and a new major were developed and members of staff took on new teaching responsibilities. These activities require significant amounts of time and intellectual effort, and are done at the expense of the more heavily rewarded areas of research, a fact that is rarely appreciated outside teaching departments. One benefit, however, is that the number of undergraduate students choosing to complete units in the department increased over 1998, while ANUSET surveys continued to show high levels of student satisfaction with the standard of teaching and the quality of unit content provided by members of the department.

## **2. Courses and Teaching**

### **(a) Undergraduate Teaching**

The department teaches a broad range of units at undergraduate level covering Australian, American, Asian and European economic and business history as well as units in financial history, consumers and consumption, economic theory and the history of economic thought. During 1999 work was completed on two new units, *International Business* and *Dynamics of Asian Business*. These units form part of a new major in International Business to be taught in association with the Department of Commerce. The major will be available in 2000. In response to requirements of the new 24 point degree structure, all later year units offered in the department were restructured to produce a proportionate reduction in student workloads in each unit. The change involved considerable effort in rewriting lectures and in preparing teaching materials. As noted earlier, this was done in circumstances of sharply reduced support for teaching activities though not at the expense of student dissatisfaction with the quality of units offered or the teaching done in the department. The department continues to improve the quality of its teaching vigorously. All units undergo rigorous academic justification, and criteria based assessment procedures are used to assess all written work completed by students in the department. All staff submitted their teaching to student evaluation through the ANUSET program.

The department's annual report for 1998 warned that changes from a 20 to 24 unit degree, and the sudden cancellation by National Centre for Development Studies of service units previously taught by the Department of Economic History, meant that the department would have to achieve an increase in unit enrolments in 1999 of about 18% to maintain current levels of funding. Figures for 1999 show effective undergraduate enrolments increased to 639 compared with 622 in 1998. However, the EFTSU

value of this improvement declined from 94 in 1998 to 84 in 1999. Concurrent reductions of staff meant that staff/student ratios have increased. This is in addition to the large increase taking place in graduate teaching loads. New units and the new major to be introduced in 2000 as well as the continuing growth in the overall popularity of units taught in the department will result in further growth of undergraduate numbers and teaching loads in 2000.

#### Prizes Awarded

Institute of Advanced Studies Prizes for Economic History

1. Economic History First Year Units - awarded to Nathan Graf
2. Economic History Later Year Unit at honours – awarded to Ariane Utomo
3. Economic History IV(H) – award not determined

Noel Butlin Prize in Australian Economic History – no nomination

Langmore Prize for Equity Studies - awarded to Ariane Utomo

G. S. L. Tucker Memorial Prize – awarded to Jason Briant

#### **(b) Postgraduate Teaching**

Postgraduate teaching in the department has expanded significantly in the last two or three years. Currently, members of the department supervise 7 x PhD and 2 x MPhil. students. Two other students are completing Diploma in Economic History courses. Rena dela Cruz Doña, a student supervised by Dr Martina, successfully completed her PhD thesis on poverty in the Philippines. Her degree was conferred in November, 1999. The list of postgraduate students currently enrolled or supervised for research degrees in 1999 in the department is set out below.

<b>Student</b>	<b>Dissertation Topic</b>	<b>Supervisor/ Adviser</b>
	<b>PhD students</b>	
J. Benjamin	Economic fluctuations in Australia: a Role for the Reserve Bank	Dr H.M. Boot Dr G Wells
R. Bennett	Industry Policy and Externalities in Australia Since 1945	Dr H.M. Boot
A. Cartland	Development of the Cash Register by NCR and its diffusion and impact in Australia	Dr S.P. Ville
R. dela Cruz Doña	Poverty in the Philippines, 1960-1994.	Dr A. Martina
S.J. Dodds	The Concept of Sustainability in the History of Economic Thought	Mr S.H. Cornish
M. Hayashi	Inter-firm linkages in small and medium scale manufacturing industries in Indonesia, a comparison with Japan's historical experience.	Dr P. van der Eng
A.J. Millmow	Origins and Development of Macroeconomic Management in Interwar Australia	Mr S.H. Cornish
C. Yala	Small scale credit institutions in Papua New Guinea.	Dr A. Martina
	<b>MPhil students</b>	
S. Mitchell	The Australian Wine Industry	Mr J.E.S. Gage
Nawiyanto	Agricultural Development in a Javanese Frontier Area: Besuki Since 1870	Dr P. van der Eng

### 3. Research Activity

The department maintained a vigorous program of research across a broad range of themes and geographic areas within the discipline and continues to generate publications in leading international journals. Australian research focussed on the role of government, the history of economic thought, pastoral finance, and business development and corporate leadership. European research dealt with problems of human capital formation, wages and income distribution, shipping and trade networks, chartered trading companies and adjustment to imperial decline. Research into Asia included poverty and disaster mitigation, economics of law, rural credit, agriculture and soil history, GNP measurement and comparative economic experience. In 1999 the research output of the department included 12 refereed publications as defined by the ANU Research Publication Data Collection, which is an average of 2.2 per member of staff. This result is a further improvement over the previous year. External collaboration activities continue to be an important aspect of the department's research activities with joint work being conducted with members of the Universities of Melbourne and Hitotsubashi (Japan), and the National Research Institute of Papua New Guinea.

#### Publications

##### Books

Ville, S.P., *Australian Business Records: an Archival Guide* (with Fleming, G.A. and Terwiel, D.) (Canberra, 1998/9), pp. 72.

##### Book Chapters

- Ville, S.P., 'Transport and Communications', in McCalman, I., (ed.) *The Age of Romanticism and Revolution: an Oxford Companion to British Culture, 1776-c. 1832* (Oxford, 1999), pp. 735-7.
- Ville, S.P., 'The Salomon Judgement and the Development of British Business in the Nineteenth Century'. In Baxt, R., Fletcher, K., and Fridman, S., *Afterman & Baxt's Cases and Materials on Corporations and Associations* (Chatswood, NSW, 1999, 8<sup>th</sup> edition), pp. 153-5.
- van der Eng, P., 'Economic Growth and Political Change in Indonesia: The Late-Colonial and New Order Periods Compared' in Minami, R., Kim, K.S, and Falkus, M., (eds.) *Growth, Distribution and Political Change: Asia and the Wider World.*, (London: Macmillan, 1999) pp.178-205.

##### Refereed Articles in Scholarly Journals

- Boot, H.M., 'Real Incomes of the British Middle Class, 1760-1850: The Experience of Clerks at the East India Company', *Economic History Review*, LII, 4(1999), pp.638-668.
- Cornish, S.H., 'Sir Leslie Melville: Keynesian or Pragmatist', *History of Economics Review*, no. 30, Summer 1999.
- Martina, A., 'Searching for General Principles to Guide the Design of Effective Disaster Mitigation Policy in Developing Countries: Part 2', *The Journal of Interdisciplinary Economics*, 1998, vol.9, pp.293-348, 1999.
- van der Eng, P., 'The Silver Standard and Asia's Integration into the World Economy,1850-1914', *Review of Asian and Pacific Studies*, 18 (1999) pp.59-85.
- van der Eng, P., 'Some Obscurities in Indonesia's New National Accounts', *Bulletin of Indonesian Economic Studies*, 35 (1999) No.2, pp.91-106.
- Ville, S.P., 'Judging Salomon: Corporate Personality and the Growth of British Capitalism in a Comparative Perspective', *Federal Law Review* 27, 2 (1999), pp. 203-16.
- Ville, S.P., 'Locating Australian Corporate Memory' (with Fleming, G.A.) *Business History Review* 73, 2 (1999), pp. 256-64.
- Ville, S.P., 'Desperately Seeking Synergy: Interdisciplinary Research in Accounting and Business History', (with Fleming, G.A.) *Pacific Accounting Review* 11, 2 (1999/2000), pp. 173-80.

##### Non-refereed Articles

- Ville, S.P., 'Archives and the Preservation of Corporate Memory', Australian Society of Archivists Home page. ([http://www.asap.unimelb.edu.au/nscf/roundtables/r10/r10\\_ville.html](http://www.asap.unimelb.edu.au/nscf/roundtables/r10/r10_ville.html))
- Van der Eng, P., "Indonesia's Growth Performance during the Twentieth Century." *Institute of Economic Research Discussion Paper No. D99-1*. Tokyo: Hitotsubashi University, May 1999. Pp.53.

### Book Reviews

- Cornish, S.H., Review of Clarke, Peter, *The Keynesian Revolution and its Economic Consequences*, and Sharma, Soumitra, *John Maynard Keynes: Keynesianism into the Twenty-first Century*, *Economic Record*, vol. 75, December 1999.
- Cornish, S.H., Review of Middleton, Roger, *Charlatans or Saviours? Economists and the British Economy from Marshall to Meade*, *Journal of Economic and Social Policy*, vol. 3, Summer 1999.
- van der Eng, P., Review of Latham, A.J.H., 'Rice: the Primary Commodity', (1998) in *The Economic History Review*, 52 (1999), no.2, pp.401-402.
- van der Eng, P., Review of Lall, S., 'Learning from the Asian Tigers: Studies in Technology and Industrial Policy.' (1996), *Australian Economic History Review*, 39 (1999) pp.84-85.
- Ville, S.P., Review of Lazonick, W., Dore, R., and de Jong, H.W., *The Corporate Triangle: The Structure and Performance of Corporate Systems in a Global Economy* (Oxford, 1997). *Business History* 40, 1 (1999).
- Ville, S.P., Review of Warren, K. *Steel Ships and Men* (Liverpool, 1998). *Business History* 40, 3 (1999).
- Ville, S.P., Review of Broeze, F. *Island Nation. A History of Australians and the Sea* (St Leonards, NSW, 1998), *Journal of Transport History* 3<sup>rd</sup> ser, 20, 1 (1999)

### Conference and Seminar Presentations

- Cornish, S.H., 'Sir Leslie Melville: A Keynesian Economist?', Australian National University, Canberra, July 1999, and History of Economic Thought Society of Australia Conference, Australian National University, Canberra, July 1999.
- Forster, C.H., 'The Convict Diaspora: Involuntary Migration from Britain and France', presented to Department of Economic History, Australian National University, July 1999.
- Gage, J.E.S., 'Australia and the International Economy', Department of Defence, presented to *Defence and Industry Study Course*, 1999.
- Gage, J.E.S., 'Internationalisation, Regionalisation and Globalisation: Institutional Aspects of Systemic Shifts', presented to Department of Economic History, Australian National University, October 1999.
- Kent, B., 'Marx, Tocqueville and the Revolution of 1848: The Quest for a Universal Class', paper for Tocqueville Conference, Manning Clark House, Canberra, March 1999.
- Kent, B., 'Trigger or Fizzer? The Atom Bomb and the Origins of the Cold War', presented to Department of Economic History, Australian National University, May 1999.
- Kent, B., 'The United States, the Soviet Union and the Division of Germany', paper presented to 'The Wall and After: Europe in the Late 20<sup>th</sup> Century' Conference, University of New South Wales, Sydney, July 1999.
- Martina, A., 'Diverse Groups Deciding on a System of Justice in Distribution: Evidence from the Philippines', presented to Economics Division, Research School of Asian and Pacific Studies, Australian National University, 1999.
- van der Eng, P., 'Indonesia's Growth Performance during the 20<sup>th</sup> Century', presented to Modern Economic History of Indonesia Conference *Crisis and Continuity: The Indonesian Economy in the 20<sup>th</sup> Century*, Gadjah Mada University, Yogyakarta, 26-28 July, 1999.
- van der Eng, P., 'Agriculture's Role in Economic Development: Japan and Indonesia since 1870', paper presented to Australasian Economic and Maritime History Conference, Sydney, 2-5 December, 1999.
- Ville, S.P., 'Quintessentially Australian: A History of the Stock and Station Agent Industry', paper presented to Department of Economic History, Australian National University, June 1999).
- Ville, S.P., 'Locating Australian Corporate Memory', presented at Noel Butlin Archives Centre, Australian National University, 1999.
- Ville, S.P., 'Business by Remote Control: the British Pastoral Agencies in Australia', paper presented at Australian Historical Association conference, University of Tasmania, Hobart, October 1999.
- Ville, S.P., 'Australian Corporate Leadership' paper presented at Economic History Society of Australia and New Zealand conference, Sydney, 2-5 December 1999.
- Ville, S.P., 'Development of Modern Business', presented at Economic History Society of Australia and New Zealand conference, Sydney, 2-5 December 1999.

Ville, S.P., 'The role of archives in preserving corporate memory', presented at National Scholarly Communications Forum, Canberra, 1999.

### Seminar Program

The department again ran a regular and highly stimulating seminar program to which resident and visiting academics presented current research. In addition to members of the Australian National University, the program attracted contributors from the Universities of Queensland and Wollongong and universities in the United Kingdom. The department also assisted with the organisation of contributions to the ANU Public Lecture Series and the European Studies Seminar Series.

#### ECONOMIC HISTORY SEMINAR PROGRAM

Friday 19 March	<b>Ms Julie P. Smith</b> <i>Economics Program, RSSS</i> <i>Australian National University</i>	"Is the Only Good Tax an Old Tax? An Historical Perspective on the GST Debate."
Friday 16 April	<b>Dr Andrew Seltzer</b> <i>Department of Economics</i> <i>Royal Holloway (London)</i>	"Australian Branch Banking 1817-1970: Non-Price Competition, Risk Pooling, Specialization and Personnel Externalities."
Friday 21 May	<b>Dr Bruce Kent</b> <i>Department of Economic History</i> <i>Australian National University</i>	"Trigger or Fizzer? The Atom Bomb and the Origins of the Cold War."
Friday 11 June	<b>Dr Simon Ville</b> <i>Department of Economic History</i> <i>Australian National University</i>	"Quintessentially Australian: A History of the Stock and Station Agent Industry."
Friday 2 July	<b>Mr Selwyn Cornish</b> <i>Department of Economic History</i> <i>Australian National University</i>	"Sir Leslie Melville: A Keynesian Economist?"
Friday 9 July	<b>Professor Colin Forster</b> <i>Department of Economic History</i> <i>Australian National University</i>	"The Convict Diaspora: Involuntary Migration from Britain and France."
Friday 20 August	<b>Dr R.V. Jackson</b> <i>Department of Economics</i> <i>University of Queensland</i>	"British Nutritional Standards during the Industrial Revolution."
Friday 17 September	<b>Dr Emmett Sullivan</b> <i>Department of History</i> <i>Royal Holloway (London)</i>	"Australian Manufacturing and the Domestic Market on the Eve of World War I: Evidence from the Aggregate Statistics."
Friday 15 October	<b>Ms Julie P. Smith</b> <i>Economics Program, RSSS</i> <i>Australian National University</i>	"Progressivity of the Commonwealth Personal Income Tax, 1917-1997."
Friday 29 October	<b>Mr John Gage</b> <i>Department of Economic History</i> <i>Australian National University</i>	"Internationalisation, Regionalisation and Globalisation: Institutional Aspects of Systemic Shifts."
Friday 19 November	<b>Professor Paul Robertson</b> <i>Department of Management</i> <i>University of Wollongong</i>	"Weak and Strong Ties, Individualism, Collectivism and the Diffusion of Technological Knowledge."

#### 4. Administration and Outreach

Members of the Department played a significant role in the broader university and in outreach activities. Mr Cornish was reappointed as the Dean of Students. He chaired committees of review of the ANU Careers and Employment Centre, the Study Skills Unit, and the Disability Support Unit and sat on numerous university committees. He also acted as the University Marshall and played a significant part in the golden Key organisation. Mr Gage is Chairman of the Campus Advisory committee. He played a major role in developing proposals for a National Europe Centre and a National Centre for Latin American Studies. He also organised public lectures given by the Minister for Foreign Affairs, The Hon. Alexander Downer, and for the Treasurer of the Italian Government and former Prime Minister of Italy, Professor Giuliano Amato. Dr van der Eng succeeded Professor A.J.S, Reid as convenor of the Economic History of South East Asia Project. Dr van der Eng and Mr Gage taught a unit on Australian Economy for the University Preparation Scheme. Dr Boot continued as the Head of Department of Economic History, and as chairman of the Management Committee of Graduate House.

#### 1999 ANU Public Lecture Series

Date	Speaker	Title of Lecture
13 May 1998	Minister for Foreign Affairs, The Hon. Alexander Downer,	Fourth Robert Schuman Lecture

#### 1999 European Studies Seminar Series

Date	Speaker	Title of Lecture
24 August 1999	The Treasurer of the Italian Government and former Prime Minister of Italy, Professor Giuliano Amato.	'Europe and Globalization: Common Rules and International Cooperation Towards the New Millennium'

#### 5. Staff

There were five visitors to the department during 1999. Further visitors are planned for 2000. Mrs Helen Fairbrother returned to the post of departmental administrator in March. She is the only female member of the department.

Senior Lecturer and Head of Department  
H. M. Boot, BSc (Econ) *Lond*, PhD *Hull*

Reader  
S. P. Ville, BA, PhD *Lond*

Senior Lecturers  
S. H. Cornish, BEc *WA*  
P. van der Eng, BA, PhD *Groningen*

Lecturers  
J. E. S. Gage, BA *Manchester*  
A. Martina, BComm *Rhodes*, MA *Essex*, PhD *ANU*

Departmental Administrator  
January - March 1999 C. O'Shea  
March - December 1999 H. Fairbrother

## Visitors

Mrs Helen Bridge (January-July 1999)  
Professor Colin Forster (January-December 1999)  
Professor Takao Ishida (April 1998-April 1999)  
Dr Bruce Kent (January-December 1999)  
Professor Roy Weintraub (July 1999)

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## D. DEPARTMENT OF STATISTICS AND ECONOMETRICS

### 1. Overview

The teaching and research activities of the Department of Statistics & Econometrics cover econometrics, statistics, including applied theoretical, business, medical and social statistics, actuarial studies, managerial decision analysis and probability. Units of both a theoretical and applied nature are provided to students in commerce and economics, and in a wide variety of disciplines in the biological, physical and social sciences. While the department is part of the Faculty of Economics and Commerce, it is also associated with the Faculty of Science and maintains close links in some of its teaching and research activities with that faculty.

The department has recently introduced a Masters Degrees in Applied Statistics and Graduate Certificates in Applied Statistics and Business Statistics. The department also offers courses in econometrics for other honours and diploma programs in economics and science areas, and provides the econometrics units that are required for the Master of Economics degree and in the coursework component of the PhD Program in Economics.

In the year 2000, the Department will take full responsibility for all teaching in actuarial studies. Previously several units were taken by videoconference from the University of Melbourne. Two fellows of the Institute of Actuaries of Australia have been appointed to the teaching staff.

### 2. Courses and Teaching

Enrolments in Quantitative Methods for Business and Economics 1 were 525, compared to 462 last year. Quantitative Methods for Business and Economics 2 enrolments numbered 378. Statistical Techniques 1 enrolments were down this year, being 199 compared to 290 in 1998. Enrolments in Statistical Techniques 2 were 65 this year compared to 110 in 1998.

#### Students Results

*Refer to Table Analysis of Student Performance*

##### *Honours*

Actuarial Studies      H1 (4)      H2A (6) H2B (2)

#### Graduate Coursework

One student completed their Masters in Applied Statistics in 1999.

#### Awards and Prizes

##### *University Medal*

K. Duklan

##### *Applied Probability Trust Prize*

B. Loong

*Australian Bureau of Statistics Prize*  
C.C. Ng

*The Statistical Society of Australia Prize*  
H. Platen and S. Knapp

*The Chris Higgins Prize*  
L. Willard

### 3. Research Activity

#### Graduate Research

The department has 6 PhD students and 3 Masters students by research.

#### Publications

##### Journal Articles, Working Papers and Technical Reports

- (C1) Barry, S. and O'Neill, T.J. (1998). "Truncated logistic regression and residual intracluster correlation". *Biometrics*, 54, 1193–1194.
- (C1) Barry, S.,\* Ginpil, S.\* and O'Neill, T.J. (1999). "The effectiveness of air bags". *Accident Analysis and Prevention*, 31, 781–787.
- (C1) Breusch, T., Qian, H.,\* Schmidt, P.\* and Wyhowski, D. (1999). "Redundancy of moment conditions". *Journal of Econometrics*, 91, 89–111.
- (C3) Breunig, R.V. (1999). "Are people ashamed of paying with food stamps?" *Working Paper in Economics and Econometrics*, Australian National University, No 382.
- (C1) Brewer, K. (1999). "Design-based on prediction-based inference? Stratified random versus balanced sampling". *International Statistical Review*, 67 (1), 35–47
- (C1) Chung, S.H.\* , Dogancy, K.\* and Poskitt, D.S. (1999). "Double blind deconvolution: The analysis of post-synaptic currents in nerve cells." *Royal Statistical Society*, 61, 191–212.
- (C1) Chung, S.H.\* , Dogancy, K.\* and Poskitt, D.S. (1999) "A new analytical method of studying synaptic transmission in the brain." *Mathematical Biosciences*. 161, 15–41.
- (C1) Hall, P., Martin, M.A, and Patil, P.\* (1999). "Adaption to high spatial inhomogeneity based on wavelets and on local linear smoothing". *Statistica Sinica* , 9, 85–102.
- (C1) Hall, P., Martin, M.A, and Sun, S.\* (1999). "Monte Carlo Approximations to Edgeworth expansions". *Canadian Journal of Statistics*, 27, 579–584.
- (C1) Nicholls, D.F. (1999). "Statistics into the 21<sup>st</sup> Century". *Australian and New Zealand Journal of Statistics*, 41(2), 127–140.
- (C3) Nicholls, D.F. (1999). "A study of betterment and the change of use charge in the ACT", Its impact on investment and a consideration of options, ACT Government. 76+vii.  
<http://www.palm.act.gov.au/devplan/studies/reportec.htm>
- (C1) Skeels, C.L. and Vella, F.\* (1999) "A Monte carlo investigation of the sampling behaviour of conditional moment tests in tobit and probit models", *Journal of Econometrics*, 92, 275–294.

(C1) Thorburn, C. (1999) "Birth, Death, Passports and Pensions". *Australian Actuarial Journal*, in press.

\* Not a member of this University

#### Research Grants Awarded

R. Breunig	ARC Small Grant (\$8,300)	"Measurement error in nonparametric panel data models"
R. Breunig	Summer Research Grant (\$1,900)	"Bias correction for inequality measures"
T.J. O'Neill	FRF Grant (\$3,825)	"Modelling non-homogeneous Markov chains, with application to public health and employment"
C. R. Heathcote*		
D.S.Poskitt P.J. Hall B. Presnell*	Australian Department of Defence (\$100,000)	"The Analysis of Radar Data"
M. A. Martin	Summer Research Grant (\$1,900)	"Comparison of capital requirements for disability and term businesses"
D. Service	Summer Research Grant (\$1,900)	"A model of the superannuation and investment business of the Australian life insurance and funds management industry"
S.E. Stern	Summer Research Grant (\$1,900)	"Applications of Simulation-based Likelihood Inference"
C.L. Skeels	Summer Research Grant (\$1,600)	"Generalised Maximum Entropy Estimation"

#### Conferences and Seminars

The following visitors made contributions to the work of the department by presenting papers or seminars

Joaso Issler EPGE, Getulio Vargas Foundation  
Mike Veall, McMaster University, Ontario, Canada  
Bernd Roenz, Humboldt University, Berlin, Germany  
Jian Yang, University of Western Ontario, Ontario, Canada  
Christian Gourieroux INSEE, France  
Murray Smith, University of Sydney, NSW  
Javier-Gomez Biscarri, UCLA, USA  
Dezilo Fiebig, University of NSW, NSW  
Dan Primont, University of Southern Illinois, USA

## Conference Presentations

Staff Member	Title of Paper	Conference
Dr Robert Breunig	A Game –Theoretic Explanation of the Cashout Puzzle in the US Food Stamp Program	Australian National University, February University of Queensland, May Econometric Society Australasian Meetings, July University of Sydney, September
Dr Robert Breunig	Complex Surveys and Econometric Analysis	Statistical Society of Australia, Canberra, August Far Eastern Meetings of the Econometric Society, Singapore, July
Dr Donald Poskitt	Identification and Canonical Structures for Nonstationary Systems	Econometric Society Australasian Meetings, July University of Sydney, September
Professor Des Nicholls	Future Directions for the Teaching and Learning of Statistics at the Tertiary Level (Talk presented by video)	International Statistical Institute Conference, Helsinki, August
Professor Des Nicholls	The Professional Image of the Statistician	Industrial Statistics Conference, Wollongong, October
Professor Des Nicholls	Sampling Methodology to be used for the Detection of Inappropriate Practice in the Medical Profession	Fourth Annual Workshop for Deputy-Directors of the Professional Services Review
Ms Karolina Duklan Mr Craig Thorburn	An Imperfect Match	Seventh Annual Colloquium of Superannuation Researchers, University of Melbourne, July

## 4. Outreach and Administration

Dr O'Neill continued as Head of Department. Dr O'Neill is on the High Performance Computing Advisory Committee. He is also on the Board of Studies of the Graduate Program in Statistics. Dr O'Neill is an Associate Editor for Biometrics. He is a Council Member, Statistical Society of Australia, Canberra Branch, and Central Council Delegate, Statistical Society of Australia. Dr O'Neill was the Faculty representative on the Faculties Review and was on the Council Evaluation Group for the Faculties Review. Dr O'Neill was a consultant to the Department of Natural Resources and Environment, Victoria and the Department of Health and Aged Care.

Professor Nicholls was on several internal committees including the Building and Grounds and Parking Reference Group. Externally he was on several committees: Faculty Visiting Committee, University of Wollongong; Chair of the External Course Appraisal Committee, Faculty of Informatics, University of Wollongong; Accreditation Marketing Committee and Honorary Life Membership Committee of the Statistical Society of Australia. Professor Nicholls is the Vice President of the Statistical Society of Australia. Professor Nicholls gave statistical and/or financial advice for Commonwealth Department of Health and Aged Care; Commonwealth Department of Family and Community Services; Australian Education International (DEETYA); ACT Taxi Industry and the ACT Government. Dr Nicholls appeared as an expert witness for the following; Review of the Professional Services Review Scheme (for the detection of inappropriate practice in the medical profession) and Legislative Assembly for the ACT Standing Committee on Urban Services Inquiry into the impact of property charges on investment in the ACT.

Dr Martin is the Convenor of the Actuarial Studies Program in the department. Dr Martin served as departmental representative on MATHLAC and Faculty of Science. Dr Martin provides IT support for the department and is also on the Departmental Curriculum Committee. Dr Martin was faculty representative for the Universities Awards Committee. Dr Martin is an Associate Editor of the Journal of Statistical Computation and Simulation, and Australian and New Zealand Journal of Statistics. Dr Martin was a referee for several journals including JRSSB, JSCS, Australian and New Zealand Journal of Statistics, and Journal of the American Statistical Association. Dr Martin was nominated for the 1999 Vice-Chancellor's Award for Teaching Excellence. Dr Martin was a consultant for the Australian Bureau of Statistics in July, for a Technical Writing Workshop. He also was a statistical consultant related to the Centrelink audit in July-November for the Australian National Audit Office.

Dr Stern is the Honours Program convenor in the department and convenor of the Graduate Program in Statistics. Dr Stern also represented the department on the Faculty Graduate Studies Committee. Dr Stern is also a member for the 16th Biennial Conference Organising Committee for the Statistical Society of Australia. Dr Stern is an associate editor and a referee for JRSSB and a referee for JASA. Dr Stern was a consultant for the Australian Bureau of Statistics, in July, for a Technical Writing Workshop. He also was a statistical consultant related to Centerlink audit in July-November for the Australian National Audit Office. Dr Stern was nominated for the 1999 Faculty of Economics and Commerce Award for Excellence in Teaching.

Dr Skeels represented the department on the Faculty Graduate Studies Committee. Dr Skeels was a member of the Australasian Standing Committee of the Econometric Society and chaired a session at the Econometric Society Australasian Meetings, at Sydney in July. He is also a committee member of the ACT Branch of the Marketing Research Society of Australia.

Dr Robert Breunig presented a paper "A Game-Theoretic Explanation of the Cashout Puzzle in the US Food Stamp Program" at the following: Australian National University, in February; University of Queensland, in May; Econometric Society Australasian Meetings, in July; and University of Sydney, in September. He also presented "Complex Surveys and Econometric Analysis" at the following: Statistical Society of Australia, Canberra Branch, in August; Far Eastern Meetings of the Econometric Society, Singapore, in July. Dr Breunig was a referee for several journals including Journal of Quantitative Economics, Empirical Economics and Econometric Reviews. Dr Breunig was the coordinator for the Econometric Seminars in the department.

Dr Trevor Breusch was the Associate Dean (Undergraduate Studies) for the Faculty. Dr Breusch attended the Econometric Society Australasian Meeting, in July. Dr Breusch was on the Methodology Advisory Committee for the Australian Bureau of Statistics. Dr Breusch was also a member on the Board of Studies Economics of Development Program, NCDS and Board of Studies Economics PhD Program.

Dr Don Poskitt presented a paper "Identification and Canonical Structures for Nonstationary Systems" Econometric Society Australasian Meetings, in July; University of Sydney. Mr Poskitt was a departmental representative for the Faculty of Science and represented the Faculty on the Graduate Studies Committee. Dr Poskitt acted as referee for Annals of Statistics and Biometrika.

Dr Ken Brewer provided extensive advice to the ACT Assembly on statistical issues and problems with the Robson Rotation and possible solutions.

Dr Jack Pearn, Dr Sneebe John, Dr Andy Weiss, Professor A Huzurbazar and Dr Ken Brewer were visiting fellows in the department.

## **5. Staff**

### **Reader and Head of Department**

T.J. O'Neill, BSc *Adel.*, MS, PhD *Stanford*

### **Professor**

D.F. Nicholls, BSc *NE*, MSc, PhD

**Readers**

T.S. Breusch, BEcon Q/d, MEc, PhD  
D.S. Poskitt, BA York, MSc Lond.

**Senior Lecturers**

M.A. Martin, BSc Q/d, PhD  
D. A. Service, FIAA, FIA London, ASA USA  
C.L. Skeels, BEc, PhD, *Monash*  
S.E. Stern, BS, MS, PhD *Stanford*

**Lecturer**

R. V. Breunig, BIS SIT, Vermont, PhD, *Calif. (Riverside)*

**Associate Lecturer**

J.H.A. Searle, BSc NE

**Department Administrators**

J.A. Hunt, Departmental Administrator  
T. Skinner, Teaching Services Administrator

**Staff Movements**

Mr David Service was appointed as an Actuarial Senior Lecturer in November.  
Mr David Pitt was appointed as an Actuarial Lecturer November  
Dr Donald Wyhowski resigned in August.  
Dr John Robertson resigned in March.  
Dr Andreas Ruckstuhl resigned in September.  
Ms Rachel Lloyd resigned in July.  
Ms Barbara Donaldson resigned in May.

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**E. CENTRE FOR APPLIED ECONOMICS****The Centre**

The Centre for Applied Economics was established in 1994 with the objectives of promoting policy-related research in economics and associated disciplines; publication of a quarterly policy journal; development of links with other universities and the wider community; organisation of seminars and conferences; and provision of specialist training courses.

**Director**

Dr Robert Albon has been Director of the Centre since January 1997.

**Management Committee**

The Centre is managed by a Management Committee. For 1999 the Committee comprised the Director (Chair), Professor Tim Brailsford, Professor Steve Dowrick and Dr Richard Heaney.

The Management Committee met once in 1999.

The Director would like to extend his thanks to all those who helped with the management of the Centre in 1999.

## **Agenda**

**Agenda** continued as a highly-successful policy journal. It focuses on analysis of a variety of policy issues with contributions especially from economists, legal thinkers and political scientists. Authors and reviewers are mainly Australian or New Zealand based, and are usually leaders in their fields. Topics covered in 1999 included accountability of government, agricultural policy, Asian economic performance (Japan, Korea, Taiwan and Thailand), biodiversity, crime prevention, economic rationalism, the environment, law and economics, fiscal policy, hospital management, indigenous policy, Internet censorship, local government funding, monetary policy, retirement income policy, taxation, telecommunications, and trade policies. Volume 6 contained a total of 28 articles (including review articles and "Non-Agenda"), seven book reviews, and three other items. **Agenda** has a strong and loyal subscriber base of around 400, and is distributed free-of-charge to a select group of media persons. Several articles have received media attention. Contributions to **Agenda** are listed in the American Economic Association's electronic data base, EconLit.

Dr Michael James continued as Editor and Dr Robert Albon as Associate Editor for the first issue of Volume 6. Dr Robert Albon took over as Editor for the remaining three issues of Volume 6. Professor Steve Dowrick, Dr Franco Papandrea and Dr Graeme Wells assisted as Associate Editors. Ms Maureen O'Connor continued as Editorial Assistant and Ms Dee Stevens was appointed as Copy Editor for 1999.

The Editorial Committee was reorganised. Professor Patricia Apps, Professor Kevin Davis, Dr Arthur Grimes and Mr Nicholas Gruen joined the Committee; and Dr Jeff Bennett, Professor John Freebairn, Mr Tony Rutherford, Professor Judith Sloan, and Bryce Wilkinson retired from it. The Committee plays a major part in the refereeing process.

The Director thanks all those who helped with **Agenda** in 1999, especially those who supplemented their normal duties.

The costs of **Agenda** in 1999 were substantially less than in 1998. The predominant costs in 1998 were the Editor's consultancy and printing and distribution costs. The consultancy arrangement only continued for one issue of volume 6 as editing then moved into the Faculty; resulting in a big reduction in this cost category. Printing and distribution became the largest cost category in 1999. There were substantial set-up costs for the new arrangements especially the purchase of a computer and a printer and employment of a copy editor. Revenues come from subscriptions and sales and from a grant from the Faculty.

For volume 7 Dr Robert Albon and Dr Franco Papandrea will act as Co-Editors and Professor Steve Dowrick and Dr Graeme Wells will continue as Associate Editors.

## **Other Centre Activities**

In April the Centre organised a one-day training course on "Cost-Benefit Analysis for Regulatory Review" for the Office of Regulatory Review of the Productivity Commission. Sessions were conducted by Dr Robert Albon (two), Dr Franco Papandrea and Dr Matt Bengé.

The Director is interested in proposals for other Centre activities in 2000, including conferences, workshops and publications.

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**APPENDIX**

**ANALYSIS OF STUDENT PERFORMANCE**