School of Economics & Information Systems

Annual Report
2003

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INTRODUCTION FROM THE EDITOR

The Annual Report 2003 of the School of Economics and Business Systems provides a succinct summary the fast dynamics that characterizes our School. It has been an interesting task to assemble publications, research projects, and other outstanding events.

The organization of the Annual Report 2003 is as follows:

- Overview from the Head of School
- Brief Reports from the Heads of Discipline
- Snapshot of Research Achievements
- Research Interests
- Research Activities

I wish to thank Ann Hodgkinson for her permanent support and Lyn Politis for her efficient collection and assembling of School data.

Eduardo Pol
1. **OVERVIEW**

This is the second annual report of the School of Economics and Information Systems in the Faculty of Commerce covering the first full academic year of the new School’s operation. The School was created in July 2002 as a result of a major restructure of the Faculty of Commerce from five departments into three Schools. It consists of the former departments of economics and information systems. The industrial relations group, formerly part of the department of economics, was relocated to the School of Management and Marketing.

The annual report aims to provide an historical record of the School’s activities for the year 2003. It is hoped that the process of disseminating information about the activities of members of the School will help to forge new forms of academic alliance and cooperative work both within and outside the School. The report is organised into normal divisions of academic activity notably teaching, research, administration, and outreach. Comments on this report are welcomed and should be directed to the Head of School.

**Teaching Programs**

The School provides a broad teaching program of economics and information systems in support of the undergraduate and postgraduate degrees of the University of Wollongong, particularly the Bachelor of Commerce, Bachelor of Computer Science, and Bachelor of Arts, and the Honours, Masters, and PhD programs in economics and information systems. Service teaching is provided to the programs of other schools and faculties and to the Wollongong and Graduate School of Business and Professional Development. In addition to its main activities at the Wollongong campus, it provides several undergraduate subjects to students studying at the South Coast campuses and access centres of Shoalhaven, Bateman’s Bay, Moss Vale, and Bega. Overseas, it contributes teaching to the University of Wollongong’s Bachelor of Business Administration in Hong Kong and Singapore. Finally, the department conducts a quality assurance program for the teaching of its subjects by members of the Wollongong University College and the University of Wollongong campus in Dubai.

The School’s EFTSU for 2003 was 1249, which represents an 3.31% per cent increase compared with 2003. The failure rate over all undergraduate subjects for 2003 was 5.70% per cent, which compares with 6.23% per cent recorded in last year’s annual report.

<table>
<thead>
<tr>
<th>Grade</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD</td>
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<td>12.53%</td>
<td>10.73%</td>
</tr>
<tr>
<td>D</td>
<td>17.97%</td>
<td>20.66%</td>
<td>28.63%</td>
</tr>
<tr>
<td>C</td>
<td>19.76%</td>
<td>25.87%</td>
<td>28.28%</td>
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<tr>
<td>P</td>
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<td>24.12%</td>
<td>23.47%</td>
</tr>
<tr>
<td>PC</td>
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<td>1.92%</td>
<td>1.89%</td>
</tr>
<tr>
<td>F</td>
<td>5.57%</td>
<td>6.23%</td>
<td>5.70%</td>
</tr>
</tbody>
</table>
During the course of 2003 1 masters and 4 PhD theses were successfully completed.

Research Activities
The School has an active research profile. This includes a distinguished record of scholarly publications, grant-holding, an active seminar program and working paper series, and participation in university research centres and programs. Seminar presenters were drawn widely from Australia and overseas. Individual members of the School are also visible in the infrastructure of scholarly research through editorial, executive committee, and review work for professional societies and their journals, and through the organization of international conferences.

Areas of Research
During 2003 areas of research particularly included: economic and business development of the Asian economies; agricultural policies; small and medium-sized enterprises; poverty and inequality; labour markets, human capital and education; gender; health economics; electronic commerce; national accounts; regional business; economic and business history; technology and innovation; executive information systems; human-computer interaction; knowledge management; web design and portals; intelligence scheduling techniques and routing algorithms; information architectures; business process modelling; application of activity theory to information systems.

Research Output
Output of core scholarly publications (refereed books, chapters, refereed journal articles and refereed conference papers) averaged 1.37 items per staff member totalling 46.5. The School maintained its outstanding record within the Faculty and the University. Total research output and per capita were the highest in the Faculty. Notable research events and achievements included the award of the McComish prize in Economic History, best paper awarded at the International Conference On Computer, Communication & Control Technologies, electronic commerce research, Activity Theory Usability Laboratory, Market Integration and Efficiency in Agriculture project & the Regional Economic Development project. Go to item 3 for detail on each of these achievements. The current research projects of all members of the department are listed at section 3 (f).
Research Initiatives
A number of significant research initiatives were introduced by the School in order to further stimulate the research culture. These included the introduction of a domestic conference fund to support members presenting a paper at a domestic conference, and the conference organisation fund to support the organisation of conferences hosted by the School. These are in addition to the research support provided by the Faculty and the University. A regular research seminar series and a working paper series were introduced in Information systems, paralleling that in Economics. A research mentoring scheme has been outlined for commencement in 2004 along with plans to develop new research groupings within the School.

Economic and Social Policy Lecture Series
The School initiated an annual public lecture series in Economic and Social Policy in 2003. The inaugural lecture was delivered by Professor Allan Fels, outgoing head of the Australian Competition and Consumer Commission.

Professor Fels taught at Monash University before becoming Chairman of the Prices Surveillance Authority in 1989, adding the job of Chairman of the Trade Practices Commission in 1991. The two organisations were combined to form the Australian Competition and Consumer Commission in 1995. He retired from the ACCC at the end of June and took up the position of Dean of the newly-established Australian and New Zealand School of Government with its headquarters at the University of Melbourne.

Professor Fels spoke on the topic, “The Future of Competition Law” on Wednesday 10th September 2003. A text version is available from the School of Economics & Information Web site at:


Picture: Professor Allan Fels (left), Professor John Glynn, Dean of the Faculty of Commerce (center), and Professor Simon Ville, Head of the School of Economics and Information Systems (right).

Staff turnover
Promotions: Joshua Fan to Senior Lecturer (Information Systems)  
Elias Sanidas to Lecturer (Economics)  
Julie Sutherland to Lecturer (Economics)  
Reza Zamani to Senior Lecturer (Information Systems)

New Staff: Joseph Meloche (Information Systems)

Departures: Linda Corrin (Information Systems)  
Graham Winley (Information Systems)

Discussions were begun for a public lecture series in information systems.

Concluding Comment
In 2004 major changes were made to the Bachelor of Commerce and the Economics major. Of particular importance for the School was the inclusion of the first year macroeconomics subject into the core requirements of the degree. Various changes were made to the Economics major, most notably the extension of core material into the third year. This involves the requirement to complete a
subject in economic policy together with one in either history of economic thought or economic history. In addition, an economics minor was introduced. Details of these changes can be found in the undergraduate handbook.

Simon Ville, Head of School
2. DISCIPLINE REPORTS

2.1 Brief Report from the Head of Economics

The Economics Discipline had a very busy year with significant developments and achievements in a range of our core activities.

Research
The broad areas of research interests in Social Economics, Economic Growth and Development, and Economic History were identified in order to better encourage research focus, coordination and effort.

- Our active seminar series continued with presentations from overseas visitors and Australian academics, including members of the Economics Discipline.
- The Working Papers continued successfully with 18 papers published during the year. The recorded viewings of the Working Papers abstracts on the Research Papers in Economics website increased from an average of 311 per month in 2002 to a monthly average of 1240 in 2003.

PhD Studies
- Congratulations are due to staff members Dr Martin O’Brien, Dr Elias Sanidas and Dr Julie Sutherland who successfully completed their PhD degrees with very positive reports on their thesis research.
- We continued our active PhD program with 9 students enrolled for a PhD degree in 2003.

Internationalisation
Members visited and collaborated in research with a wide range of overseas institutions including the universities of Florence, Rome, Greenwich, Kangwon National in Korea, Keio in Japan, Singapore Management, Chulalongom in Thailand, New Your-City and Waikato, the Max-Plank Institute in Germany, CORE in Belgium, Indira Ghandi Research Institute in Mumbai, Indian Council of Social Science Research and Centre for Policy Studies in Delhi, the Prime Minister’s Economic Intelligence Unit in France, and the Vietnam Ministry of Trade. Memorandums of cooperation were signed with the Faculty of Economics at Thammasatt University in Thailand and the National Economics University in Vietnam.

Teaching
The Economics Discipline decided to reduce the weight of the undergraduate ECON subjects from eight credit points to six, in line with other subjects offered by the Faculty of Commerce. This important decision was made to better integrate the Economics Discipline within the Faculty of Commerce and facilitate students’ choice and progression through their degrees.

The change involved a lot of cooperative work by members of the discipline and coincided with the major review of the Faculty of Commerce BCOM and BBA degrees.

- An important outcome of this review was the resolution by the faculty to include the CON101 subject ‘Macroeconomic Principles for Business’ into the compulsory first year of the BCOM and BBA degrees. It’s inclusion in the core, with the existing ECON111 ‘Introductory Microeconomics’ subject, means that all commerce undergraduate students must study at least one year (two semesters) of economic principles, regardless of the major selected.
- Members of the discipline worked during 2003 to simplify and update the undergraduate economics major and to develop a flexible economics minor, which would cater for a range of students’ interests. If this was not enough, the discipline
introduced pre-requisites for our major economic subjects to assist students’ progress through the new economics major and minor sequences.

Administration and Community
The Economics Discipline was well represented in the university as well as in the academic and wider community.

- Professor Don Lewis continued as Associate Dean and Ms Nadia Verrucci was Sub-Dean of the Faculty of Commerce.
- Associate Professor Ed Wilson was appointed chief examiner and chair of the HSC economics examination committee by the NSW Board of Studies.
- Professor Simon Ville became president of the Economic History Association of Australia and New Zealand.

Ed Wilson, Head of the Economics Discipline
2.2 Brief Report from the Head of Information Systems

The main aspects that I would like to highlight are as follows:

PhD Completions  Joshua Fan, George Ditsa and Deborah Bunker

New Staff  Sol Combe
           Joseph Meloche
           Angelo Papakosmas

Departed Staff  Ted Gould (retired)
                Neville Mooney (retired)

New Appointments  Rob MacGregor (Head from July 2003)
                   Dr Reza Zamani (Undergraduate Coordinator)
                   Dr Sim Kim Lau (Postgraduate Research Coordinator)

Other news:

- Joshua Fan’s PhD was nominated for an international award across the world IS community.
- Associate Professor Helen Hasan (Head of the Information Systems Discipline during the first half of 2003) was nominated to the Australian Standards Board for Small Business.
- Associate Professor Helen Hasan became a member of the Community Technology Centre, Ulladulla.
- Lejla Vrazalic, together with Associate Professor Peter Hyland were chosen to co-chair the OZCHI conference at the University of Wollongong in November.
- Australasian Journal of Information Systems, edited and published by the Information Systems Discipline was rated in the top 25 IS journals in the world by the international IS community.
- Major research links have continued to develop with other universities, including Monash (Dr George Ditsa, Dr Reza Zamani, Dr Sim Kim Lau), UNSW (Associate Professor Helen Hasan, Mr Joseph Meloche) and Karlstadt, Sweden (Lejla Vrazalic, Dr Lawrie Schafe, Rob MacGregor).
- Associate Professor Helen Hasan, in conjunction with Dr Meliha Handzic published a book entitled Australian Studies in Knowledge Management.
- The Discipline was visited by Professor Anders Nilsson, Karlstads University. Professor Nilsson’s primary role was to forge links with local government groups in Wollongong and Karlstads University. He was also instrumental in beginning a joint project between the IS Discipline, the Faculty of Education and a number of special school groups in the Illawarra.
- Rob MacGregor’s first symphony, ALBA, had its premier performance to an audience of approximately 800 in March 2003.

Rob MacGregor, Head of the Information Systems Discipline
3. SNAPSHOTOFRESEARCHACHIEVEMENTS

Prize for Economic History
The McComish Prize for Economic History was awarded to Professor Simon Ville for his research entitled The Rural Entrepreneurs: A History of the Stock and Station Agent Industry in Australia and New Zealand, published by Cambridge University Press in 2000. The Prize is awarded for the most original recent research of high quality in the field of economic history undertaken within Australia and New Zealand.

Best Conference Paper
Joshua Fan's PhD. thesis on the problem known as the "three-machine flow-shop scheduling problem" was given the Best Paper award at the International Conference on Computer, Communication and Control Technologies in Orlando, Florida, 2003. His work has also been nominated to represent the University of Wollongong in the Association for Computing Machinery's prestigious international doctoral dissertation competition.

Electronic Commerce Research
The joint research into electronic commerce adoption in small businesses carried out by Robert MacGregor and Lejla Vrazalic has generated widespread interest for the local media and business community following a survey of 164 small businesses in the Illawarra Region and 330 in Karistad (Sweden).

The Activity Theory Usability Laboratory
The Activity Theory Usability Laboratory is an integral part of the Information Systems Discipline and supports research and postgraduate teaching in the field of human-computer interaction. This laboratory met under the direction of Associate Professor Helen Hasan. The facilities of the lab (video and audio equipment, and screen capture capability) have been used for research projects of masters students, for experiments as part of PhD research into complex systems and portals, and for usability tests with industry partners of researchers in the Information Systems Discipline.

Poverty, Child Labour, and Economic Growth
Professor D.P. Chaudhri and Associate Professor Ed Wilson continued their research collaboration on poverty, child labour and economic growth in 2003. Their modelling and estimation of the supply-side effects on child labour builds on earlier research conducted in association with the ILO and the UN World Food Program. This work has received international acclaim and the authors were invited to publish their findings as the leading article, 'Determinants of Child Labour in Indian States', in the new series of the Journal of Quantitative Economics, vol. 1 (1), pp. 1-19. (old series vol. 17(2)), 2003. Professor D.P. Chaudhri also publishes in G. Lieten, R. Srivastava and S. Thorat (eds.), Small Hands in South Asia: Child Labour in Perspective, Manohar Publications, 2003. Some Recommendations and prescriptions have been incorporated by the Indian government into economic policies to reduce the incidence of child labour in India.

Market Integration and Efficiency in Agriculture
Associate Professor Ed Wilson and Professor D.P. Chaudhri are also examining the impact of agricultural trade and market integration on poverty and food security in India. The project extends the previously funded Australian Centre for International Agricultural Research work which created international interest and debate in India. Associate Professor Ed Wilson’s review of his pioneering analysis of the integration of Indian agricultural markets was published by the Australian National University in R. Jha (ed.), Indian Economic Reforms, Palgrave-Macmillan, 2003. Another member of the team is Dr Kankesu Jayanthakumaran and his important benefit-cost appraisal of export processing zones was published in the Development Policy Review, vol. 21(1), 2003. Professor D.P. Chaudhri, Associate Professor Ed Wilson and Dr Nelson Perera presented a seminal perspective on the evolution of Indian food policies and poverty to the prestigious Centre for Policy Research in Delhi during November, 2003.
Regional Economic Development

A large scale project involving 146 regionally-based exporters in New South Wales was completed in 2003 by Associate Professor Ann Hodgkinson. The data was organized to provide profiles of exporters by a range of variables including export growth rates, years of export experience, age, size and industrial sector. From these data, models representing ‘best practice’ and sector strategies for achieving sustained export growth were developed. The analysis identified particular problems faced by small firms in exports and young exporters which often face a barrier to expansion after about five years of growth. The result are being used by the research partners, the NSW Department of State and Regional Development and the city of Shoalhaven, to review their export support programs within regional NSW.
4. AWARDS/PRIZES

The following awards/prizes were presented to our outstanding students for 2003 at the Commerce Faculty Student Awards Presentation held on 23rd April 2004.

**Wollongong City Council Prize - Dong, Wei**
Students who have completed and achieved the highest average mark in the Master of Information Systems are eligible for this award.

**SAS Institute Prize - Adam Trevarthen**
Students who have achieved the highest average results in BUSS211 (Business Systems Development A) and BUSS212 (Business Systems Development B) are eligible for this award.

**InfoComp Prize - Man San Ho**
Candidates for the degree of Bachelor of Commerce with a major in Business Information Systems who have attained the highest aggregate mark for the subjects comprising the course without failure are eligible for this award.

**Illawarra Regional Information Service (IRIS)/Steinke Prize - John Burgess**
This prize is awarded to the student who has earned the highest mark (achieving a WAM of 75 or above) in 300 level Economics subjects during the same academic year (Autumn/Spring Session) and enrolled in at least 16 credit points of Economics 300 level subjects.

**Kenneth A. Blakey Prize in Intermediate Microeconomics - Evan McSweeney**
This prize is awarded to the student who attained the highest aggregate mark in ECON215 (Microeconomic Theory & Policy) on the Wollongong Campus in Summer, Autumn or Spring session of a given academic year.

**Prize in Introductory Microeconomics - Cornelia Alchin & Troy Fraser**
This prize is awarded to the student who attained the highest aggregate mark in ECON111 (Introductory Microeconomics) on the Wollongong Campus in Summer, Autumn or Spring session of a given academic year.

**Prize in Intermediate Macroeconomics - Kent Omrod & Bradley Chruscz**
This prize is awarded to the student who attained the highest aggregate mark in ECON205 (Macroeconomic Theory & Policy) on the Wollongong Campus in Summer, Autumn or Spring session of a given academic year.

**Pearson Education Australia Prize: Introductory Macroeconomics - Chau Thanh Nguyen**
This prize is awarded to the student who attained the highest aggregate mark in ECON101 (Macroeconomic Essentials for Business) on the Wollongong Campus in Summer, Autumn or Spring session of a given academic year.

**Pearson Education Australia Prize: Quantitative Methods I - Megan Coall**
This prize is awarded to the student who attained the highest aggregate mark in ECON121/COMM121 (Quantitative Methods I) on the Wollongong Campus in Summer, Autumn or Spring session of a given academic year.
## 5. COURSES AND TEACHING

### 5.1 Postgraduate Students Supervised

#### (a) PhD Students

<table>
<thead>
<tr>
<th>Student</th>
<th>Dissertation Topic</th>
<th>Supervision</th>
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<tbody>
<tr>
<td>Afandi, A.</td>
<td>Transmission mechanism of Monetary Policy in Indonesia”</td>
<td>Chowdhury, Khorshed Wilson, Ed</td>
</tr>
<tr>
<td>Al-Hawari, M.A.</td>
<td>The development and evaluation of a k-space framework for the study of knowledge management.</td>
<td>Hasan, Helen</td>
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<td>Al-Sukkar, A.S.</td>
<td>Internet Banking Adoption and Use by Individuals and Organizations in Jordan.</td>
<td>Hasan, Helen</td>
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<td>Bhabra, R</td>
<td>Sutherland Incubator Project</td>
<td>Hodgkinson, Ann Cornelius, Barbara</td>
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<tr>
<td>Brittle, Shane</td>
<td>The Relationship between Budget and Trade Deficits in Australia</td>
<td>Perera, Nelson &amp; Wilson, Ed</td>
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<tr>
<td>Bunker, D.</td>
<td>Management of Open IT and Systems Architectures in the Australian Federal Government</td>
<td>Hasan, Helen</td>
</tr>
<tr>
<td>Coupland, M.</td>
<td>Learning with New Tools</td>
<td>Hasan, Helen &amp; Crawford, Kathryn</td>
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<tr>
<td>Findlay, J.</td>
<td>Learning as a Game: Multiple case studies of how learners and teachers use a collaborative computer system to facilitate the process of active knowledge creation.</td>
<td>Crawford, Kathryn</td>
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<td>Fuangvut, T.</td>
<td>An Activity-Based Campus Portal Model</td>
<td>Hasan, Helen</td>
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<tr>
<td>McPhee, Paul</td>
<td>Internationalisation, Information Flows and Networking in Rural and Regional Firms: Implications for Regional Development</td>
<td>Hodgkinson, Ann Perera, Nelson</td>
</tr>
<tr>
<td>Meloche, J.</td>
<td>How active information seekers conceptualise the information seeking activity, information and information technology and its use, in obtaining information.</td>
<td>Crawford, Kathryn</td>
</tr>
<tr>
<td>Norris, Alison</td>
<td>Regional Community Portals</td>
<td>Hyland, Peter &amp; Vrazalic, Lejla</td>
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<td>Pahlavani, Mosayeb</td>
<td>Export and Economic Growth in Iran</td>
<td>Chowdhury, Khorshed &amp; Wilson, Ed</td>
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<td>Phan, Phalla</td>
<td>Trade Liberalization and Manufacturing Performance in Thailand: 1900-2000</td>
<td>Jayanthakumaran, Kankesu Chowdhury, Khorshed</td>
</tr>
<tr>
<td>Shanker, Daya</td>
<td>WTO Rules and Developing Countries</td>
<td>Castle, Rob &amp; Perera, Nelson</td>
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<td>Shrestha, Min Bahadur</td>
<td>Financial Liberalization in Nepal</td>
<td>Levy, Amnon &amp; Chowdhury, Khorshed</td>
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</tbody>
</table>
Sundarasaradula, D. Information Systems and Organisational Structure: An Examination of the Nature of Structural Linkage Based on Open Systems, Loose Coupling, and Complexity Theory. Hasan, Helen

Suratmethakul, W. The influence of user context on system usability and organisational performance. Hasan, Helen

Verma, Reetu Savings and Investment Behaviour in India Chaudhri, D.P. Perera, Nelson Wilson, Ed

Warren, Diana Business Analysis of the Australian IT Sector Pol, Eduardo Ville, Simon

(b) Master of Information Systems - Research

<table>
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<tr>
<th>Student</th>
<th>Dissertation Topic</th>
<th>Supervision</th>
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<tr>
<td>Ionescu, Corina</td>
<td>E-Commerce Adoption in Small Business</td>
<td>MacGregor, Robert &amp; Vrazalic, Lejla</td>
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<tr>
<td>Jiang, Qiang</td>
<td>Developing a Genetic Algorithm for Scheduling Projects under Multiple Resource Constraints</td>
<td>Zamani, Reza</td>
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<td>Kang, Seung Hwan</td>
<td>Intelligent Knowledge Acquisition using Case-Based Reasoning: Knowledge Sharing and Reuse</td>
<td>Lau, Sim Kim</td>
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<td>Zhang, Lixi</td>
<td>Solving the timetabling problem using constraint satisfaction programming</td>
<td>Lau, Sim Kim</td>
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(c) Bachelor of Commerce (Honours - Economics)

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<th>Student</th>
<th>Dissertation Topic</th>
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<tr>
<td>Brial, M.</td>
<td>Analysis of the Australian Real Trade-Weighted Exchange Rate</td>
<td>Jayanthakumaran, Kankesu Wilson, Ed</td>
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<tr>
<td>Shirlaw, Matthew</td>
<td>Age and Productivity: An empirical investigation of lifetime research productivity of academic economists)</td>
<td>Rodgers, Joan</td>
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(d) Bachelor of Mathematics & Finance (Honours)

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<th>Student</th>
<th>Dissertation Topic</th>
<th>Supervision</th>
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<tr>
<td>Oliver, Rebecca</td>
<td>An empirical analysis of external debt and economic growth</td>
<td>Levy, Amnon</td>
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<td></td>
<td>Lin, Yan-Xia</td>
</tr>
</tbody>
</table>

(e) Honours Students - Completed

Mitchell BRIAL - Economics
Kumi OKADO - Economics
5.2 Subjects Offered in 2003

In 2003, the School of Economics & Information Systems offered the following subjects:

**Economics Discipline Undergraduate**

*Undergraduate*

- ECON101   - Macroeconomic Essentials for Business
- ECON111   - Introductory Microeconomics
- ECON121   - Quantitative Methods I
- ECON122   - Quantitative Methods II
- ECON205   - Macroeconomic Theory and Policy
- ECON207   - Economic Policy
- ECON208   - Gender, Work and the Family
- ECON215   - Microeconomic Theory and Policy
- ECON216   - International Trade Theory & Policy
- ECON221   - Econometrics
- ECON227   - The Creative Economy: Technology, Innovation and Policy A
- ECON228   - Quantitative Analysis For Decision Making
- ECON229   - The Creative Economy: Technology, Innovation and Policy B
- ECON230   - Quantitative Analysis For Decision Making
- ECON231   - Business Statistics and Forecasting
- ECON251   - Industry and Trade in East Asia
- ECON301   - Monetary Economics
- ECON302   - Transition Economics
- ECON303   - Economic Development Issues
- ECON307   - International Monetary Economics
- ECON308   - Labour Economics
- ECON309   - Environmental Economics
- ECON310   - Cost Benefit Analysis
- ECON311   - Natural Resource Economics
- ECON317   - Economics of Health Care
- ECON318   - Economics of Health Care - A
- ECON319   - Electronic Commerce and the Economics of Information
- ECON331   - Financial Economics
- ECON334   - Global Economics
- ECON421   - Honours Economics

*Postgraduate*

- ECON901   - Monetary Economics
- ECON902   - Advanced International Monetary Economics
- ECON904   - Trade, Growth and Development
- ECON907   - Cost-Benefit Analysis
- ECON908   - Advanced Topics in the Economics of Development
- ECON910   - Economics for Accounting Professionals
- ECON912   - Labour Economics
- ECON915   - Electronic Commerce and the Economics of Information
- ECON918   - Economics of Health Care
- ECON927   - Innovation and Technology in the New Economy
- ECON936   - Graduate Macroeconomics
- ECON937   - Graduate Microeconomics
- ECON939   - Quantitative Economic Analysis
- ECON940   - Statistics for Decision Making
- ECON941   - Advanced Topics in Economics - A
- ECON982   - International Economic Relations
Information Systems Discipline

Undergraduate
BUSS102 - Computer Systems I
BUSS110 - Introduction to Business Information Systems
BUSS111 - Business Programming I
BUSS201 - User-Centered Business Programming
BUSS211 - Requirements Determination and Systems Analysis
BUSS212 - Database Management Systems
BUSS213 - Multimedia in Organisations
BUSS214 - Business Programming II
BUSS215 - Business Programming III
BUSS218 - Systems Design and Architecture
BUSS308 - Computer Systems Management
BUSS311 - Advanced Database Management Systems
BUSS312 - Distributed Information Systems
BUSS315 - Knowledge-Based Information Systems
BUSS316 - Information Systems Development Methodologies
BUSS317 - Business Programming IV
BUSS318 - Information Systems Project
BUSS391 - Special Topic in Information Systems

Postgraduate
BUSS907 - Fundamentals of e-Business
BUSS911 - Intelligent Systems
BUSS907 - Human Computer Interaction
BUSS929 - Information Systems Research Methods
BUSS945 - Information Systems Project
BUSS950 - Systems Development Methodologies
BUSS951 - Critical Issues in Information Systems
BUSS952 - Strategic Information Systems Management
BUSS953 - Management of Information Systems Development
BUSS984 - Advanced Information Systems-Topic D
### 6. RESEARCH ACTIVITY

#### (a) Research Grants Held

<table>
<thead>
<tr>
<th>Name</th>
<th>Title of Project</th>
<th>Awarding body</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Hasan, H.</td>
<td>Systems to support knowledge creation in learning organisations</td>
<td>ARC Discovery 2002 – 2004</td>
<td>$180,000</td>
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<tr>
<td>Hodgkinson, A. &amp; Iredale, R.</td>
<td>Internationalisation, Information Flows and Networking in Rural and Regional Firms: Implications for Regional Development</td>
<td>ARC Strategic Partnerships with Industry in Research and Training (SPIRT)</td>
<td>$34,000</td>
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<tr>
<td>Hodgkinson, A.</td>
<td>Industrial Relations Change in the 1990s - Quantitative and Qualitative Analysis</td>
<td>URC Small Grants Scheme</td>
<td>$8,000</td>
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<tr>
<td>Jayanthakumaran, K. &amp; Neri, F.</td>
<td>Income disparities and trends in manufactured exports across the states and territories of Australia</td>
<td>Faculty Research Grant</td>
<td>$4,823</td>
</tr>
<tr>
<td>Pol, E.</td>
<td>Innovation Heterogeneity and Schumpeterian Growth Models</td>
<td>Faculty Research Grant</td>
<td>$3,654</td>
</tr>
<tr>
<td>Vrazalic, L., Hyland, P. &amp; MacGregor, R.</td>
<td>Defining the Social, Legislative and Technical Parameters of Regional Community Portals</td>
<td>URC New Partnerships Grant</td>
<td>$27,700</td>
</tr>
<tr>
<td>Vrazalic, L. &amp; MacGregor, R.</td>
<td>Regional Community Portals: An Investigation Into Policy Implications</td>
<td>Faculty of Commerce Research Grant</td>
<td>$6,000</td>
</tr>
<tr>
<td>Vrazalic, L. &amp; Hyland, P.</td>
<td>Web Technologies for Small Business</td>
<td>Institute for Mathematical Modelling and Computer Science (IMMaCS) Quality Grant</td>
<td>$1,250</td>
</tr>
<tr>
<td>Zamani, R. &amp; Lau, S. K.</td>
<td>An Intelligent Scheduling System for Vehicle Routine with Time Constraints</td>
<td>Startup Grant (UOW)</td>
<td>$6,000</td>
</tr>
<tr>
<td>Zamani, R. &amp; Lau, S. K.</td>
<td>Developing Real Time User-definable Scheduling Systems for Tightly Resource-Constrained Projects</td>
<td>Commerce Faculty Grant</td>
<td>$7,000</td>
</tr>
</tbody>
</table>

#### (b) Publications

**Books - Authored**

Books - Edited

Hasan, H., Gould, E. & Verenikina, I. eds
Information Systems and Activity Theory Volume 3 Expanding the Horizon, UOW Press

Hasan, H. & Handzic M.
Australian Studies in Knowledge Management, University of Wollongong Press, Wollongong

Book Chapters


Harvie, C. ‘New Regionalism in East Asia: How Does It Relate to the East Asian Economic Development Model?’, in New Asian Regionalism Responses to Globalization
and Crises, (Palgrave MacMillan, Hampshire, United Kingdom), pp. 40 – 71


Hasan, H. ‘Communities as Activity Systems and Other Such Frameworks’, in Information Systems Activity Theory: Expanding the Horizons, (University of Wollongong Press, Wollongong, Australia), pp. 74 – 95


Hasan, H., Crawford, K. ‘Distributed Communities of Learning and Practice’, in H. Hasan & M. Handzic eds Australian Studies in Knowledge Management, (University of Wollongong Press, Wollongong, Australia), pp. 568


**Journal Articles**


MacGregor, R. ‘Strategic Alliances and Perceived Barriers to Electronic Commerce Adoption in SME’s’, in Journal of Systems and Information Technology (Edith Cowan University, Perth, Western Australia), pp. 27 – 48


Rodgers, J.L. & Rodgers, J.R. ‘An Investigation into the Academic Effectiveness of Class Attendance in an Intermediate Microeconomic Theory Class’, in Education Research & Perspectives, 30(1), (Graduate School of Education in the University of Western Australia, University Western Australia, Australia), pp. 27 – 41

Rodgers, J.R. ‘Are Part-Time Workresses Poor?’, in Australian Journal of Labour Economics, 6(1), (The Centre for Labour Market Research, Australia), pp. 177 – 193


Refereed Proceedings


ANNUAL REPORT 2003


Lau, S. K., Kang, S.H.

'A Web-based Student Enquiry System: the Application of Ontology and Case Based Reasoning', in 4th International We-B Conference (Working with e-business), 4th International We-B Conference 2003, November 24-25, 2003, Perth (Western Australia), (School of Management Information, Perth, Western Australia), pp. 1 – 10

MacGregor, R., Vrazalic, L.


Sanidas, E.

'What Kind of Technology? What Kind of Economic Growth? Organizational Innovation is the Key', in Globalization in the New Millennium, (Global Business Development Institute, CA, USA), pp. 1 – 14

Vrazalic, L.


Vrazalic, L., Stern, D., MacGregor, R.

'Barriers to E-Commerce Adoption in SME's: Underlying Factors in a Swedish Study', in Delivering IT and e-Business Value in Networked Environments, 14th Australasian Conference on Information Systems, Perth (WA), 26-28 November, 2003, (We-B Centre, School of Management, Joondalup, Western Australia), pp. 1 – 10

Vrazalic, L., Hyland, P., MacGregor, R.

'Regional Community Portals: Analysing the Current State of Play Using the S3 Model', in Proceedings of the 5th International IT in Regional Areas Conference 2003, Information Technology in Regional Areas (ItiRA), Caloundra, Queensland (15 – 17 December, 2003), (ItiRA 2003 Conference Committee, Rochampton, QLD), pp. 84 – 91

Warne, L.


Warne, L.


MacGregor, R., Vrazalic, L., Schafe, L., Bunker, D., Carlsson, S.

'The adoption and Use of EDI and Non-EDI E-Commerce in Regional SMEs: A Comparison of Driving Forces, Benefits and Disadvantages of Adoption', to appear in the Proceedings of the International Business Information Management Conference IBIM'03, December, Cairo.
Magnusson, M. MacGregor, R., Vrazalic, L., Bunker, D., Carlsson, S. & Magnusson, M.


Vrazalic, L., Hyland, P., MacGregor, R. & Connery, A.

‘Regional Community Portals’, Proceedings of the 5th International Information Technology in Regional Areas Conference, 15 – 17 December, Caloundra.

Vrazalic, L., Stern, D., MacGregor, R., Carlsson, S. & Magnusson, M.


Vrazalic, L.,


Vrazalic, L. & Hyland, P.


Conference Papers

Hasan, H. & Crawford, K.


Hasan, H.

‘Knowledge Creation through Systems Development’, Proceedings of ISD2003, Melbourne

Hasan, H. & Kartiwi, M.

‘Outsourcing: An Information systems Development Case Study in an Indonesian SME’, Proceedings of ISD2003, Melbourne


‘Activity as a Unit of Analysis for Knowledge Management Frameworks’, Proceedings of the TT21C Conference, Gold Coast (Knowledge Creation Press), pp 9 – 14


‘The KM Bottom Line’, The KM Challenge of Standards Australia, Melbourne

Hasan, H. & Crawford, K.

‘A multifaceted approach to distributed communities of learning and practice’, Proceedings of ISGLOB03, IFIP 8.2/9.3, Athens

Hasan, H.


Hodgkinson, A.

‘Sustaining Regional Exports: Lessons from NSW’, paper presented to the 27th Australian and New Zealand Regional Science Association Incorporated Annual Conference, 28th September to 1st October 2003, Fremantle, Western Australia.

Jayanthakumaran, K.

‘The Impact of Trade Liberalisation on Manufacturing Sector Performance in Developing Countries: A Survey of the Literature’, in Globalization in the New Millennium, (Global Business Development Institute, CA, USA), pp. 15 – 29

O’Brien, M. ‘Hidden Unemployment and Older Male Workers’, presented to the 5th Path to Full Employment Conference & 10th National Conference on Unemployment, 11 December, University of Newcastle, NSW


Working Papers


Reports


(c) School Seminar Program

Economics Discipline

Eduardo Pol Economics Discipline University of Wollongong Innovation Heterogeneity & Schumpeterian Growth Models

Phalla Phan PhD Student Economics Discipline University of Wollongong Trade Liberalisation and Manufacturing Performance: The case of Thailand

Abu Wahid

Deirdre McCloskey The Economics Nobel Laureates: A Professional and Personal Profile

Kankesu Jayanthakumaran & Elias Sanidas Economics Discipline University of Wollongong Trade Reforms and the Survival of the Passenger Motor Vehicle (PMV) in Australia

Ann Hodgkinson Economics Discipline University of Wollongong Sustaining Regional Exports: Lessons from Rural & Regional NSW

Amnon Levy & Frank Neri Economics Discipline University of Wollongong Drugs and Growth-Efficient Prevention: An Inter-temporal Portfolio of Machos, Narcos and Angels

D. P. Chaudhri, Nelson Perera & Economics Discipline University of Wollongong A Perspective on Food Policies
Ed Wilson  
University of Wollongong  
in Rural India (1951 – 2001)

Don Lewis  
Economics Discipline  
University of Wollongong  
Private Health Insurance in Australia

Khorshed Chowdhury  
Economics Discipline  
University of Wollongong  
Convergence of Per Capita Output in South Asia

Dr. Abbas Valdkhani  
Lecturer in Economics in the School of Economics  
Queensland University of Technology  
How many Jobs were lost with the Collapse of Ansett?

Amnon Levy  
Economics Discipline  
University of Wollongong  
A Theory of Rational Junk-Food Consumption

Ann Hodgkinson & Nelson Perera  
Economics Discipline  
University of Wollongong  
Strike Activity in Australia: The Impact of Recent Legislative Changes

Information Systems Discipline

George Ditsa  
Information Systems Discipline  
University of Wollongong  
Conceptual Confusions in Knowledge Management and Knowledge Management Systems: Clarifications for Better KMS Development

Dr. R. Li  
School of Multimedia Systems  
Monash University, Melbourne  
A New Age e-Business Model for SME’s

George Ditsa  
Information Systems Discipline  
University of Wollongong  
The Conception of an Information System

Professor A. Nilsson  
Division for Information Technology  
Department of Information Systems  
Karlstad University, Sweden  
Information Systems Development – Yesterday, Today, Tomorrow

Sol Combe  
Information Systems Discipline  
University of Wollongong  
Inside a Student Council Information System: An Undergraduate Student Project to Determine Risks

Jim McKee  
Information Systems Discipline  
University of Wollongong  
Is there a relationship between Strategic Planning and Information Architecture (Where do CSF’s and KPI’s fit?)

Lejla Vrazalic  
Information Systems Discipline  
University of Wollongong  
Concerning Usability: Re-defining Existing Human Computer Interaction Paradigms.

Reza Zamani  
Information Systems Discipline  
University of Wollongong  
Project Scheduling under Multiple Resource Constraints

Joseph Meloche  
Information Systems Discipline  
University of Wollongong  
Metaphor in IS Research

(d) Research Interests
Ang, A.Y.
Information systems education and skill requirements of IS professionals;
Attitudes towards software piracy.

Corrin, L.
E-Learning and Legal Information Systems

Crawford, K.
Organisational learning, The integration of information and communication technologies, Knowledge Management (KM), Communities of Practice; Cultural-Historical Activity Theory (CHAT), Emergence, Innovative and complexity.

Chaudhri, D.P.
Poverty, Child Labour & Economic Growth.

Ditsa, G.
Strategic management and the development of Information Systems in organisations.

Fan, J.P.O.
Solving the flow-shop scheduling problems by using intelligent heuristic search methods; intelligent agents for data mining; web-based system development; software system for wireless technology; intelligent system for logistic application; and supply chain management.

Gould, T.
Application of Activity Theory to Human Computer Interaction and other aspects relating to the use of Information Systems.

Guest, J.
Research interests include applied econometrics and macroeconomic policy in small Pacific island economies and Australia.

Harvie, C.
Macroeconomics, monetary economics & transitional economics.

Hasan, H.
Information for strategic decision-making: Executive Information Systems (EIS) and OnLine Analytic Processing (OLAP); Human Computer Interaction (HCI) and Usability; Knowledge Management (KM), KM Systems and online Communities of Practice; Cultural-Historical Activity Theory (CHAT); Interpretive Research Methods - Action Research, Qualitative Data Analysis

Hodgkinson, A.
Organisational Change in response to international market conditions; Employee Participation - mechanisms for consultation, benefits to firms and employees and causes of changes in approach.

Jayanthakumaran, K.
Manufacturing performance of Australia and Export Processing Zones in Asia.

Lau, S.K.
Application of heuristic learning approach and business optimization techniques to solve business problems, in particular in the areas of logistics application and supply chain management.

Lee, B.C.
Electronic money and electronic commerce, sovereign debt and political risk

Levy, A.
Theoretical analysis of individual decisions on health issues; theoretical analysis of economic growth, inequality, migration and social and political stability; Industrial pollution, urban environment and residents' well being.

Lewis, D.
Economics of health care, education and labour markets.

MacGregor, R.
Acquisition and Use of Information Technology (IT) and
Electronic Commerce (EC) in Small/Medium Enterprises (SME’s).

McKee, J. Information architectures; the economics of information and the role of regional websites in promoting commerce.

Neri, F. The causes of economic growth across countries; the impact of human capital on economic growth; geographic mobility of industry, human capital and economics growth; Economics education: Practices and outcomes.

O’Brien, M.J. Older worker employment issues; ageing society policy; hidden unemployment; segmented labour market theory; econometrics.

Perera, N. Money and finance; income distribution and poverty; macroeconomic model building.

Pol, E. Business innovation and Schumpeterian growth models with a view to policy implications.

Rodgers, J.L. Labour Economics; Poverty and Economic Inequality; Applied Microeconomics

Rodgers, J.R. Labour Economics; Poverty and Economic Inequality; Applied Microeconomics

Sanidas, E. Economic growth and organizational innovations; Evolutionary economics; Quantitative analysis.

Shorten, B. Economic and clinical evaluation of recent changes in private health insurance in terms of obstetric outcomes in Australian hospitals; Economic evaluation of the decision regarding elective caesarean section or trial of labour following previous caesarean birth.

Sutherland, J. Economic development; trade and firm performance.

Tran Van Hoa, J. Econometrics, applied econometrics, development economics, ASEAN economics, international business

Vema, R. Macroeconomics, Applied Econometrics, South Asian Countries

Verrucci, N. Indigenous Australians and their labour market participation. Gender and the labour market. The role of government in developing policies to protect minority groups from labour market discrimination.

Ville, S. Corporate leadership in Australia; development of modern business; British transport.

Vrazalic, L. Human Computer Interaction (HCI), including Usability evaluation methods (UEMs); the application of cultural Historical Activity Theory to HCI; Interface design (including design for culturally diverse users); Electronic Commerce; Drivers and barriers to electronic commerce adoption in small to medium enterprises (SMEs); Regional Community Portals - Design and development of online web portals for regional communities in Australia.

Warne, L. Organisational learning; socio-technical information systems development; requirements analysis for socio-technical systems; organisational behaviour, change management and project management, Power and politics in information systems development, Ethnographic methods.


Zamani, R. Intelligent Routing, Resource Constrained Project Scheduling Problem (RCPSP), and Meta Heuristics.
7. OUTREACH AND ADMINISTRATION

Ang, AY  
Member of SEIS Information Resources Committee; Library Liaison for the IS Discipline

Corrin, L  
Participation in careers fairs (BHP stadium) and Discovery Week; Staff Liaison - Club BUSS (Information Systems Society)

Ditsa, G.E.M.  
Member of the Editorial Review Boards for the Information Resources Management Journal and the Journal Global Information Management; Member of the Editorial Advisory Board and reviewer for the annual casebook, Annals of Cases on Information Technology Applications and Management in Organisations, published in the USA; Reviewer for Australian Journal of Information Systems, IRMA international conference papers, ACIS conference papers; Track Chair & Program Committee member for IRMA international conferences; Session Chair at IRMA international conferences; Coordinator of Discipline’s seminar series program; Member of the Discipline’s Local Undergraduate Recruitment working group; Member of Programming Subjects Review Committee.

Fan, J.P.O.  
Chair for Information Resources Committee for School of Economics and Information Systems.  
Reviewer for the Australasia Journal of Information Systems.  
International committee member for the IASTED International Conference on Software Engineering and Applications, 2002 (SEA2002)

Gould, T.  
Postgraduate coordinator for the Information Systems discipline for 2002

Harvie, C.  
Director, Centre for SME Research and Development; Associate Editor, the Journal of the Korean Economy; Conference co-convenor, ‘APEF, Impact of Crises on Trade, Regionalism and Globalisation in Asia and Australia, University of Wollongong, NSW, 5 – 6 July, 2002; Conference co-convenor, ‘SMEs in a global economy’, University of Wollongong, NSW, 12-13 July, 2002; Program committee member for the Korea and the World Economy conference, held at Yonsei University, Korea, 21-22 July, 2002.

Hasan, H.  
Member of the committee for the Australian KM Standard; Member of the board of CTC@Ulladulla; Director of the Star Group on KM; Directory of the ATUL Usability Laboratory; Member of the ACPHIS, the Australian council of Professors and Heads of Information Systems; PG Research Coordinator, Head of PG Studies for the IS Discipline

Hodgkinson, A.  
Seminar Program visits to University of New England, Experts Group - University of Western Sydney, Hunter Valley Research Foundation, Monash University, Sustaining Exports: Lessons from Rural and Regional NSW.  
Study Leave, Faculty of Business and Economics, Monash University, Department of Economics.

Jayanthakumaran, K  
Library liaison officer
Lau, SK  
Election Sub-Committee on Australasian Chapter of Association of Information Systems  
Workshop Convener for Workshop on Supply Chain Optimisation and Electronic Markets, Decision Systems Laboratory  
Co-Convener for Decision Systems Laboratory Research Student Information Evening.

Lee, B. C.  
Joint Coordinator, Economics Working Paper Series  
Co-Director, Centre for SME Research and Development

Levy, A.  
Chair, School Research Committee  
Co-ordinator, Economics Seminar Series

MacGregor, R.  
Editor of The Australian Journal of Information Systems.

McKee, James  
Secretary - Illawarra Branch of the Australian Psychological Society; Director of the Business Improvement Centre within Information Systems Discipline; Secretary - UOW Social Club

Neri, F.  
Member of Academic Senate; Member of Academic Staff Development Committee; Member of University Education Committee Working Group review on the university teaching survey.

Pol, E.  
Economics Discipline Undergraduate Advisor

Rodgers, J. R.  
Head of Economics Discipline, July - December  
Chair of Undergraduate Studies Committee  
Refereed one paper for the Eastern Economic Journal  
Attended "Women in Leadership Program" Australian Vice-Chancellors' Committee Staff Development and Training Program, 30 April - 2 May 2003

Sanidas, E.  
Participation in the international Friendship program.

Tran Van Hoa, J.  
UOW: Coordinator, Vietnam/ASEAN+3 Research Program; Executive Member: Asia Pacific Economic Forum (APEF)

Outreach: Vietnam UOW Alumni Association; NSW-Vietnam Chamber of Commerce; Victoria Institute of International Studies

Vernucci, N.  
Sub Dean, Faculty of Commerce  
Member of University of Wollongong Council

Ville, S.  
Head of School of Economics and Information Systems  
Editor of Australian Economic History Review  
Executive Member of Board of International Maritime Economic History Association  
Executive Member of Economic History Society of Australia and New Zealand  
Australasian contributor to History Compass – online international journal
Vrazalic, L. University:
- Commerce Representative, Academic Senate
- Deputy Chair, School of Economics & Information Systems Research Committee
- Information Systems Representative, Faculty Research Committee
- Information Systems Representative, Faculty Information Technology Advisory Committee
- Commerce Representative, University Information Technology Forum (IT Forum)
- Presenter, Discovery Days 2003

Others:
- Judge, Gitte Lindgaard Best Paper Award, OZCHI 2003
- Referee for Australasian Journal of Information Systems (AJIS); CHI 2003; Australian Conference on Information Systems (ACIS); 5th International Conference on Information Technology in Regional Areas; Transformational Tools for the 21st Century Mind Conference
- Session Chair, Evaluation of Mobile Technologies, OZCHI 2003
- Program Committee Member, OZCHI 2003
- Technical Committee Member, International Business Information Management Conference, 2003

Wilson, E. Chief Examiner and Chair of the HSC Economics Examination Committee, NSW Board of Studies.
Head of Economics Discipline.

Committees: Faculty Postgraduate Committee; Information Systems (AAIS)
Referee/Reviewer for the Australian Journal of Information Systems (AJIS), and Journal of OR Quarterly.
8. **STAFF**

**Head of School & Professor**
Simon Ville, BA, PhD London

**Head of Economics Discipline**
Edgar Wilson, BEc, ANU, MEc Monash (January – June)
Joan Rodgers, BA UNE, DiplInfoProc Qld, MAppSc Cant, MA Sussex, PhD Minnesota (July – December)

**Head of Information Systems Discipline**
Helen Hasan, BSc, MSc, DipCompSci, PhD UOW (January – June)
Robert MacGregor, BSc, DipEd, MACS, MEd, MUKSS (Appointed July)

**Professors**
Don Lewis, BA Calif St, MA PhD Wash St

**Professorial Fellow**
D.P. Chaudhri, BA (Hons) Punjab, MA PhD Delhi

**Professor Emeritus**
Kenneth A. Blakey, BA NZ, MSc Lond, MCom Melb, DPhil Oxf
Dudley Jackson, BA BPhil Oxford

**Honorary Principal Fellows in Information Systems**
Kate Crawford
Leoni Warne

**Associate Professors**
Charles Harvie, BA Strath, MA Hamilton, PhD Warwick
Ann Hodgkinson, BEc Qld, MCc Adel, PhD Syd
Helen Hasan, BSc, MSc, DipCompSci, PhD
Amnon Levy, BA MA Tel-Aviv, PhD Berkeley
Tran Van Hoa, Bec WA, MEC PhD Monash
Joan Rodgers, BA UNE, DiplInfoProc Qld, MAppSc Cant, MA Sussex, PhD Minnesota
Edgar Wilson, BEc ANU, MEC Monash

**Senior Lecturers**
Khoshed Chowdhury, BA (Hons) MA Chittagong, Mec NE, PhD Manitoba
Edward Gould, BSc, DipCompSc, MEngSc, PhD
Kankesu Jlayantha Kumaran, MPhil (AgrilEc) BCom (Hons) Sri Lanka, PhD Bradford
Sim Kim Lau, BSc (Hons), MBus (IT) PhD UOW
Boon-Chye Lee, BBA Sing, MBA PhD NSW
Robert MacGregor, BSc, DipEd, MACS, MEd, MUKSS
Nelson Perera, BSc Sri Lanka, PhD La Trobe, MCom Wollongong
John Rodgers, BagEc UNE, DiplInfoProc Qld, MA Sussex, PhD Minnesota
Lawrie Schafe, DipAppChem, BSc, PhD Monash
Lecturers
Ang Ang, BSc, DipScTeach, GDipEd (SACAE), MCom
George Ditsa, BSc (Comp Sc), MBA (IS)
Joshua Fan, BMath, BE (Hons)
James Guest, BCom(Hons), NSW, PhD UOW,
Peter Larkin, BCom (Hons)
Jim McKee, BSc, BA (Hons), MA (Hons)
Frank Neri, BCom (Hons) BEd La Trobe, GradDipEd UWO, Mcom (Hons) UNSW, PhD Adelaide
Eduardo Pol, Lic (PolEc) Esc, Dr Buenos Aires
Nadia Verrucci, BA (Hons) Mcom (Hons) Wollongong
Lejla Vrazalic, BCom (Hons)
Reza Zamani, BSc, MSc, PhD

Associate Lecturers
Sol Coombe, BIT - Buss Info Sys
Linda Corrin, BInfoTech (Hons)
Martin O’Brien, BCom Newcastle
Elias Sanidas Ec (Hons) Lyon, MecS Qld, GradDip in Adult Ed Wollongong
Brett Shorten, MCom Wollongong
Julie Sutherland, MEc ANU

Professional Officers
Wolfgang Brodesser, BE BA Wollongong
Lily Soh

Administrative Staff
Carol Borgatti
Debbie Critcher
Lyn Politis, AssocDipAdmin(Comp) Wollongong

Research Assistant
Angelo Papakosmas