School of Economics and Information Systems

Annual Report

2005
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Acknowledgements

Editor                                      Hazel Jones
Contents and Layout                         Hazel Jones
Front Cover Design                          Rob Hood

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1. STAFF OF THE SCHOOL

School of Economics and Information Systems
Head
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Lily Soh (retired July 2005)

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Economics Discipline
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Professors
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Simon Ville: BA, PhD London

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Don Lewis: BA California State, MA PhD Washington State (October 2005)

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Boon-Chye Lee: BBA Sing, MBA PhD NSW
Nelson Perera: BSc Sri Lanka, MCom W’gong, PhD La Trobe
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Julie Sutherland: BEc Newcastle, MEc ANU, PhD Dublin
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Administrative Staff
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**Information Systems Discipline**

Head
Professor Peter Eklund: BMaths (Hons) W‘gong, MPhil Brighton, PhD Linkoping

Honorary Principal Fellows in Information Systems
Kate Crawford:  BPharm Sydney, MEd Canberra, PhD UNE
Leoni Warne: BA Grad Dip Lib Sc Grad Dip Info Sys Canberra, PhD UNSW

Associate Professors
Rodney Clarke: BA GDipBusInfoSys PhD W‘gong (May 2005)
Helen Hasan: BSc UNSW, MSc Macquarie DipCompSci, PhD W‘gong

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Joshua Fan: BMath BE (Hons) PhD W‘gong
Sim Kim Lau: BSc(Hons) MBus(IT) PhD W‘gong
Robert MacGregor: BSc DipEd MACS MEd MUKSS PhD W‘gong
Lawrie Schafe: DipAppChem BSc PhD Monash
Reza Zamani: BSc MSc PhD W‘gong

Lecturers
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Peter Larkin: BCom (Hons) W‘gong
Hong-Cheu Liu: BS MS Cheng Kung, Taiwan, MSc Melb, PhD ANU
Jim McKee: BSc BA (Hons) MA (Hons) W‘gong
Joseph Meloche: BA Simon Fraser University, MIS Toronto
Mark Sifer: BSc UNSW, MAppSc UTS, PhD UTS(July 2005)
Zhaohao Sun BSc (Hons) MSc HBU China, MSc BTU Cottbus, PhD Bond Uni

Associate Lecturers
Chee Fon Chang

Research Assistant
Jason Sargent: BInfoTech(Hons) W‘gong, Dip IT

Administrative Staff
Debbie Critcher
This report provides a record of the activities of the School of Economics and Information Systems for the year 2005. At the beginning of the year, a new school management team was appointed. Associate Professor Ann Hodgkinson, Acting Head in 2004, was made substantive Head of School for a two year period. Associate Professor Ed Wilson was reappointed as Head of the Economics discipline and Professor Peter Eklund began as the new Head of the Information Systems discipline in December 2004. There were also some new appointments to the School administrative staff. Hazel Jones began as the School Administrative Assistant in January and Karen Scott replaced Lily Soh as the School Professional Officer in August.

Teaching Programs

The School continues to make a substantial contribution to the new structure for the Bachelor of Commerce. It has major responsibility for teaching four of the first year common core units. In addition, both Economics and Information Systems offer major and minor areas of study within the degree. The Economics major involves, in addition to the first year core subjects, Macroeconomic Theory and Policy, Microeconomic Theory and Policy, Quantitative Methods II, Economic Policy and either History of Economic Thought or Economic History. Information Systems now offers two Strands - Information Systems Development and Systems Analysis and Design. Students who complete all subjects from both strands are eligible to apply for accreditation by the Australian Computer Society (ACS). Both strands require students to take, in addition to the first year core subjects, Business Programming I, Database Management Systems, Advanced Database Management Systems, Information Systems Project and Business Innovation, Technology & Policy. Additionally students undertaking the Systems Analysis and Design strand need to take Requirements Determination & Systems Analysis, Systems Design and Architecture, Information Systems Prototyping and Computer Systems Management and those undertaking the Development strand to take Business Programming II, III and IV and Distributed Information Systems. The new structure is aimed at providing students graduating in each of our disciplines with a sound set of specific competencies to take forth into the workforce. In addition, Economics offers two integrating subjects as part of the Commerce degree, COMM303: Development of Modern Business and COMM327: Business Innovation, Technology and Policy.

Members of the School teach subjects not only to Bachelor of Commerce students, but also those undertaking degrees through the Faculty of Informatics and the Faculty of Arts and many other faculties in the university. The School also provides service teaching to the Graduate School of Business and Professional Development. It offers a number of undergraduate subjects to students in the Bachelor of Business Administration at the satellite campuses in Nowra, Bateman’s Bay, Bega, Moss Vale and Loftus. Subjects are also taught offshore in Hong Kong. Quality assurance functions are conducted for our subjects when taught at the University of Wollongong campus in Dubai, as well as by Wollongong University College and offshore.

In 2005 the School attracted 28.5 per cent of the Faculty of Commerce total student load and 31.5 per cent of its international students.

Three students completed the Honours program in Economics in 2005, attaining two First class and one Class II, level I results. Ten postgraduate research students graduated in 2005. These included four students graduating with a Master of Information Systems - Research, three with a PhD in Information Systems and three with a PhD in Economics. Details of these students are provided later in the Report.

Research Activities

Research output from the school increased substantially in 2005 building on previous initiatives. Reports covering the two research centres associated with the school, The Centre for Small Businesss and Regional Research (CSBRR) and the Activity Theory Usability Laboratory (ATUL), are provided later in this Annual Report.
In 2005 the School produced 97.5 DEST publications, an increase of 114% over 2004, with these consisting of:

- Economics 57.7 (up 149%)
- Information Systems 39.7 (up 77%)

Details of all research outputs obtained by school staff are also given in latter sections of this Annual Report.

**Governance**

The main item affecting the governance of the School in 2005 involved the change of Dean. Professor John Glynn moved to be Head of the Graduate School of Business in September 2005. In the interim, Professor John Patterson, Deputy Vice Chancellor (Operations) has been performing the role of Dean of Commerce. This has involved a review of the governance structure of the Faculty, resulting in a number of changes being implemented in early 2006. A new appointment for Dean of Commerce will commence in mid 2006.

As part of the School Planning Day held in February 2005, Working Groups were set up to look at major issues affecting the School over a two year period. These Working Groups covered the following topics:

1. **WG1** International Profiles, led by Professor Simon Ville and Professor Peter Eklund.
2. **WG2** Increased Quantity and Quality of Research Outputs, led by Assoc Prof Helen Hasan and Assoc Prof Amnon Levy.
3. **WG3** Attraction of Quality Research Students, led by Assoc Prof Rodney Clarke and Dr Nelson Perera.
4. **WG4** Effectiveness and Resourcing of First Year Teaching, led by Assoc Prof Ed Wilson and Dr Robert Macgregor, later replaced by Joseph Meloche.
5. **WG5** Incorporating Graduate Attributes and Generic Skills into Discipline Majors, led by Dr Khorsheed Chowdhury and Peter Larkin.
6. **WG6** Review of Grade Distributions, led by Assoc Prof Joan Rodgers and Dr Joshua Fan.
7. **WG7** Review of Administration processes and procedures, led by Assoc Prof Ann Hodgkinson.

All Working Groups provided written reports to a School Planning Day in mid 2005.

### Staffing Changes

2005 was a year of change in staffing profiles for the two disciplines. Tran Van Hoa (Jimmy), Associate Professor in Economics took early retirement and left in July. He is now a Research Professorial Fellow at the Centre for Strategic Economic Studies at Victoria University in Melbourne. Professor Don Lewis, Associate Dean (Academic) and Professorial Chair in Economics also took early retirement, finishing in early October, 2005. He has since been made an Emeritus Professor at the University of Wollongong.

Two retirements occurred from the Information Discipline. Lily Soh, who for many years has been the Professional Officer in Information Systems left at the beginning of July. Dr Ang Ang also retired at the end of June. Profiles of retiring staff are provided later in this Report.

At the end of the year, two further changes occurred, with Dr Nelson Perera transferring on a three year secondment to the Graduate School of Business in December 2005 and Dr Robert Macgregor receiving a promotion to Associate Professor in the Faculty of Informatics, leaving at the end of October.

With so many departures, an extensive recruitment campaign commenced in both disciplines. Associate Professor Rodney Clarke rejoined Information Systems after a three year secondment to Staffordshire University in the UK, in May 2005 and Dr Mark Sifer joined the discipline in July 2005. Dr Abbas Valadkhani joined the Economics discipline in December 2004.

This process of recruitment will continue in 2006. In total four new staff, including a Professor, will be recruited for Economics and eight new staff, including Professor Eklund, Associate Professor Clarke and Dr Sifer, will come to Information Systems.

The School was fortunate to have several Visitors during 2005, namely:

- Olav Wicken (University of Oslo)
- Wayne Simpson (University of Manitoba)
- Gustav Feichtinger (Vienna University of Technology)
- Yochanan Shachmurove (CCNY & University of Pennsylvania)
Economics and Social Policy Lecture

The third Economics and Social Policy lecture was held on Wednesday 26th October. It was presented by Professor Bob Gregory from the Research School of Social Sciences at the Australian National University. Bob Gregory provided an insightful talk on the topic “When can Australia’s Two Million Welfare Recipients Expect to Find Jobs?”

This talk linked two major strands of current Federal Government Policy - the move to deregulate industrial relations through the Work Choices legislation and the changes to social welfare policy, through the ‘Welfare to Work’ program. With a few simple graphs, he demonstrated the parallel trends of falling unemployment and rising numbers of welfare recipients over the past ten years, especially for adult males. Recent policy changes which make it more difficult to qualify for welfare payments, should facilitate the movement of these people into the workforce, At the same time, employers will be able to reduce wages costs, especially for lower skilled workers, thus creating jobs which are likely to suit this segment of the workforce.
As mentioned previously there have been four significant retirees from the School of Economics and Information Systems this year.

Details of these staff and their achievements are described below.

**Professor Don Lewis**

Don Lewis’s contributions to the University and the Faculty of Commerce were outlined by Prof. John Glynn, the previous Dean of Commerce.

This speech focuses on his contributions to the School of Economics and Information Systems, particularly to formally recognise his long contribution to the discipline of Economics. Economics had a private lunch with Don in the previous week, where a personal recognition of his work was very elegantly provided by Ed Wilson.

Don has been with Economics at the University of Wollongong since 1975. He was initially appointed as a Lecturer in Economics, having previously been an Assistant Professor at Russell Sage College in New York. He progressed rapidly, receiving promotions to Senior Lecturer in 1980 and Associate Professor in 1988.

He was awarded a Chair in 1991, against a very competitive field, which recognised his qualities as a researcher. He is well known in the field of social economics, most recently for his work in health economics. Don became Associate Dean to the Faculty of Commerce in 2001.

Don followed Rob Castle as Head of Department 1998 - 2000, filling those very big shoes admirably. Between them, Rob and Don set the current direction of economics at UOW. A direction that has seen economics recognised as a strong and essential component of the Faculty of Commerce and especially of the Bachelor of Commerce degree. Don’s demonstrated skills as an administrator saw him move into the role of Associate Dean, to the loss of our school.

But Don’s major legacy will be as an educator. Not just to his students but also to our staff. Don’s teaching powers have been recognised by teaching awards and in the lasting memories of his students. But many staff will also remember his timely and expedient words of support and encouragement that have had a significant impact on their careers and self-awareness. In particular, his support through annual career development interviews, has helped provide the self-confidence to progress our careers as academics in an increasingly competitive work environment.

Although Don has ‘retired’, he is still around and contributing to the School, through his teaching in health economics. Thanks Don, for all your efforts over the years.

**Tran Van Hoa**

In mid-2005, (Jimmy) Tran Van Hoa left the University of Wollongong to take up a position as Research Professor (Professorial Research Fellow) in the Centre for Strategic Economic Studies (CSES) at Victoria University in Melbourne.

The departure marks the end of Jimmy’s 19 years of service and significant contributions to the Department of Economics in a number of areas. These include...
notably research (including the establishing and heading of the Applied Economic Modelling and Vietnam Focus Research Programs in the Department, in 1994 and 1998 respectively, that later went on to gain national and international recognition), international publications, nationally competitive research grants, undergraduate and postgraduate teaching, courses development, staff mentoring, and the internationalisation and collaboration of research, teaching and training activities in major countries in the Asia-Pacific region (including Canada, China, France, Belgium, India, Italy, Japan, Korea, Thailand, USA and Vietnam). His other contributions are, with the collaboration and support of Department staff including the now Deputy Vice-Chancellor (Academic), Prof Rob Castle, in numerous AusAID-funded training programs of government officials in ASEAN countries, thus promoting the University’s standing in the Asian region.

At the CSES, Prof Tran Van Hoa continues his research and publications on major Asian economies and their enlargement, including significantly East Asia and India; postgraduate students supervision; collaborative research with CSES staff; consulting for Australian consulting firms such as ACIL-Cardno; and training of government officials/young leaders for the United Nations in the Asia-Pacific region. He also manages several ARC and AusAID-funded projects on regional trade agreements, international trade and investment, international business, development, growth and poverty in Asia.

He was a full member of the Decision Systems Laboratory Research Group (DSL) and his research has focussed on the study of conceptualising Information Overload and its effect on decision making, which is an ongoing project of the DSL.

Mr Ang retired from the Information Systems Discipline in July 2005, after 16 years of service to the university.

Lily Soh

Lily came to the University of Wollongong as a Graduate Assistant initially in Student Records (Administration). Throughout the 21 years and 3 months of her working life here she transferred from Student Records to Statistics (Part of Planning and Marketing), then to the International Office; and finally to the Department of Business Systems as the Professional Officer.

Lily joined the Department of Business Systems in March 1998 when Professor Winley was the Head of Department, a year later the Department’s name was changed to the Department of Information Systems; and in 2001 due to Faculty restructuring, the Department joined Economics to become the present School of Economics and Information Systems.

During her 21 years at the University Lily saw the University grow from a small regional University to an internationally recognised University. She is very proud to be part of it and also to be one of the many to put Wollongong on the world map. Most importantly she is pleased that she made many friends with the staff and students of the University of Wollongong.

Mr Ang commenced employment as a Lecturer in the Department of Information Systems in March 1989. He represented the department on the Faculty Library Committee for many years.

Mr Ang’s teaching focussed mainly on coordinating and presenting lectures in the undergraduate programming subjects.
3. Teaching Activity

School EFTSU for 2005 reached a total of 950 EFTSU; this consisted of 501.6 EFTSU in Economics, 305.4 EFTSU in Information Systems and 143 EFTSU in COMM subjects, which include a core first year subject and Intergrating 3rd year subjects.

Subjects Offered in 2005: Economics Discipline - Undergraduate

- COMM121  Quantitative Methods I
- COMM303  Development of Modern Business
- COMM327  Business Innovation, Technology and Policy
- ECON101  Macroeconomics Essentials for Business
- ECON111  Introductory Microeconomics
- ECON205  Macroeconomic Theory and Policy
- ECON208  Gender, Work and Family
- ECON215  Microeconomics Theory and Policy
- ECON216  International Trade Theory and Policy
- ECON221  Econometrics
- ECON222  Quantitative Methods II
- ECON230  Quantitative Methods for Decision Making
- ECON231  Business Statistics and Forecasting
- ECON251  Industry and Trade in East Asia
- ECON301  Monetary Economics
- ECON302  Transition Economics
- ECON304  The Historical Foundations of the Modern Australian Economy
- ECON305  Economic Policy
- ECON307  International Monetary Economics
- ECON308  Labour Economics
- ECON309  Environmental Economics
- ECON310  Cost-Benefit Analysis
- ECON311  Natural Resource Economics
- ECON312  Industrial Economics
- ECON315  Applied Microeconomics
- ECON316  History of Economic Thought
- ECON317  Economics of Health Care
- ECON318  Economics of Health Care - A
- ECON319  Electronic Commerce and the Economics of Information
- ECON320  Economics of Small and Medium Enterprises
- ECON322  Mathematical Economics
- ECON327  Advanced Econometrics
- ECON331  Financial Economics
- ECON332  Managerial Economics and Operations Research
- ECON333  Conflict and Co-operation
- ECON334  Global Economics
- ECON341  Special Topics in Economics - A
- ECON342  Special Topics in Economics - B
Subjects Offered in 2005: Economics Discipline - Postgraduate

ECON902 Advanced International Monetary Economics
ECON910 Economics for Accounting Professionals
ECON918 Economics of Health Care
ECON939 Quantitative Economic Analysis
ECON940 Statistics for Decision Making
ECON941 Advanced Topics in Economics - A
ECON942 Advanced Topics in Economics - B
ECON943 Advanced Topics in Economics - C
ECON982 International Economic Relations
ECON983 Trade and Industry in East Asia

INTR920 Advanced International Economic Relations B

Subjects Offered in 2005: Information Systems Discipline - Undergraduate

BUSS102 Computer Systems
BUSS110 Introduction to Business Information Systems
BUSS111 Business Programming I

BUSS201 User-Centred Business Programming
BUSS211 Requirements Determination and Systems Analysis
BUSS212 Database Management Systems
BUSS213 Content Management 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 Prototyping
BUSS317 Business Programming IV
BUSS318 Information Systems Project
BUSS391 Special Topic in Information Systems

Subjects Offered in 2005: Information Systems Discipline - Postgraduate

BUSS906 Information in Organisations
BUSS907 Fundamentals of e-Business
BUSS910 Qualitative Analysis of Systems
BUSS911 Intelligent Systems
BUSS924 Systems Modelling and Simulation
BUSS926 Decision Support Systems
BUSS927 Human Computer Interaction
BUSS929 Information Systems Research Methods
BUSS945 Information Systems Project
BUSS946 Information Systems Project Part 1
BUSS947 Information Systems Project Part 2
BUSS950 Systems Development Methodologies
BUSS951 Critical Issues in Information Systems
BUSS953 Management of Information Systems Development
## Postgraduate Students Supervised

### PhD Students

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<th>Dissertation Topic</th>
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<td>Afandi A</td>
<td>The Transmission Mechanism of Monetary Policy and Structural Breaks in Indonesia</td>
<td>Wilson E and K Chowdhury</td>
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<td>Akhter S</td>
<td>Educating Girls in Bangladesh</td>
<td>Hodgkinson A</td>
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<td>Al-dalahmeh M</td>
<td>Information Requirements in Establishing Water Trading Systems</td>
<td>Hodgkinson A</td>
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<td>Al-Sukkar A (graduated)</td>
<td>Internet Banking Adoption and Use by Individuals and Organizations in Jordan</td>
<td>Hasan H</td>
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<td>Alkayid K</td>
<td>The Strategic Alignment of Information Systems and Corporate Strategy: A Field Study</td>
<td>Hasan H and J Meloche</td>
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<td>Arunthari S (graduated)</td>
<td>A Comparative Study of Information Technology Utilisation in Enterprises in Australia and Thailand Using Market Driven Product Definition Techniques</td>
<td>Hasan H</td>
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<td>Bhabra R</td>
<td>Sutherland Incubator Project</td>
<td>Hodgkinson A</td>
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<td>Brittle S</td>
<td>An Examination of the Relationship Between Fiscal and Current Account Deficits in Australia</td>
<td>Perera N and E Wilson</td>
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<td>Chancharat S</td>
<td>Econometric Analysis of Thailand’s Stock Market</td>
<td>Valadkhani A and C Harvie</td>
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<td>Chang C</td>
<td>Assumption-based Formal Argumentation and Applications to Requirements Engineering</td>
<td>R Clarke and A Ghose</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 K and H Hasan</td>
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<tr>
<td>Fisi’iahi F</td>
<td>Sustainable Socio-Economic Development in Tonga: Challenges and Responses</td>
<td>Kelly D</td>
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<tr>
<td>Fuangvut T (Graduated)</td>
<td>Methodology for Enterprise Portal Development</td>
<td>Hasan H</td>
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<td>Heidrich C</td>
<td>Governance in Not for Profits</td>
<td>Hasan H</td>
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<td>Kang S</td>
<td>Using e-negotiation Agents Based on Belief Revision to Create Dynamic Ontology</td>
<td>Lau SK</td>
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</tbody>
</table>
Kartiwi M  
Information Systems Development and Implementation in Small-Medium Sized Enterprises  
Macgregor R and A Hodgkinson

Kaul N  
Viability of Optimum Currency in GCC States  
Perera N, Metwally M and N Muhammad

Larkin P  
The Effects on Government Information Systems caused by Change in Government Policy  
Hasan H and R Macgregor

McDonald K  
Public Funding of Primary Medical Care  
Lewis D and K Eagar

McKe J  
Information Architectures  
Macgregor R and P Hyland

McPhee P  
Internationalisation of Rural and Regional Firms  
Hodgkinson, A and N Perera

Marashdeh H  
Financial Integration of the MENA Emerging Stock Markets  
E Wilson, Levy A and Abbas Valadkhani

Meloche J  
How Active Information Seekers Conceptualise the Information Seeking Activity, Information and Information Technology and its Use in Obtaining Information  
Crawford K and H Hasan

Norris A  
Social Capital in Online Communities  
Vrazalic L and P Hyland

Pahlavani M  
A Time Series Analysis of Structural Breaks, and Export-GDP Nexus in Iran  
Wilson E, Chowdhury K and A Valadkhani

Rashdan A  
The Effect of Culture on e-Commerce Adoption  
Eklund P and L Burgess

Ryan A  
An Architecture for eHealth Message Clarification  
Eklund P

Papakosmas A  
Role of ICT as a Facilitator of Human Development  
Hasan H and A Ang

Rodriguez J  
e-Commerce in SMEs  
Hasan H

Sahakijpicharn K  
Entrepreneurship and Innovation of SMEs  
Lee BC and N Perera

Schuller M  
Analysis of the Parent- Subsidiary Relationship in the Medical Diagnostic/Life Science Industry  
Massingham P and A Hodgkinson

Shanker D  
Fault Lines in the World Trade Organization: An Analysis of the TRIPS Agreement and Developing Countries  
Castle, R and N Perera

(graduate)  

Shrestha M B  
Financial Liberalization in Nepal  
Levy A and K Chowdhury

(graduate)  

<table>
<thead>
<tr>
<th>Student</th>
<th>Dissertation Topic</th>
<th>Supervision</th>
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<tbody>
<tr>
<td>Stokes A</td>
<td>The Influence of Wages and Nonwage Amenities in the Labour Market for School Teachers in NSW</td>
<td>Lewis D and Neri F</td>
</tr>
<tr>
<td>Sundarasradula D</td>
<td>An Integrated Dynamic Model for Explaining Organisational Change</td>
<td>Hasan H and E Wilson</td>
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<tr>
<td>Suratmethakul W</td>
<td>The Influence of User Context on System Usability and Organisational Performance</td>
<td>Hasan H</td>
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<tr>
<td>Verma R</td>
<td>The Financial Reforms in India</td>
<td>Perera N and E Wilson</td>
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<tr>
<td>Warren D</td>
<td>The Evolution of the Australian IT Sector</td>
<td>Pol E and S Ville</td>
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**Master of Economics - Research**

<table>
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<tr>
<th>Student</th>
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<tbody>
<tr>
<td>Lee S</td>
<td>The Impact of FDI in Taiwanese Export Performance after Joining the WTO</td>
<td>Perera N and K Jayanthakumaran</td>
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**Master of Economics - Advanced**

<table>
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<th>Student</th>
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<tr>
<td>Sultana A</td>
<td>Micro credit, Poverty and Women Empowerment in Bangladesh</td>
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<tr>
<td>Bustaman A</td>
<td>The Impact of Exchange Rate Volatility on Indonesia’s Export to the USA: An Application of ARDL Bounds Testing Procedure</td>
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**Master of Information Systems - Research**

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<th>Student</th>
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<tr>
<td>Al-Bakri A</td>
<td>Factors Influencing e-Finance in Developing Countries</td>
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<td>Aoun C</td>
<td>Barriers that Inhibit SME Adoption of e-Commerce</td>
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<td>Connery A</td>
<td>Effectiveness of B2B and B2C Communications in Regional Areas</td>
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<td>Ha M</td>
<td>Knowledge Architecture</td>
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<td>Hsu W</td>
<td>Business Model Development for the PC-Based Massively Multiplayer Online Game Industry</td>
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<tr>
<td>Ionescu C</td>
<td>E-Commerce Adoption in Small Business</td>
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<td>Jiang Q</td>
<td>A Genetic Algorithm for Multiple Resource-Constrained Projects Scheduling</td>
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<td>Leung KN</td>
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<td>Li X</td>
<td>Supply Chain Simulation Modelling</td>
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<tr>
<td>Liang G</td>
<td>A Workflow Model in Web Services and its Implementation</td>
</tr>
<tr>
<td>Mok N</td>
<td>Online Health Services: a User Based Q Methodology Study of Evolving Online Health Community</td>
</tr>
<tr>
<td>Zhang L (graduated)</td>
<td>Solving the Timetabling Problem Using Constraint Satisfaction Programming</td>
</tr>
<tr>
<td>Student</td>
<td>Thesis Topic</td>
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<tr>
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<tr>
<td>Kilkelly, Emma</td>
<td>The Determinants of Household Savings in South Africa</td>
</tr>
<tr>
<td>(Awarded 2(1))</td>
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</tr>
<tr>
<td>(Awarded 1st class)</td>
<td></td>
</tr>
<tr>
<td>(Awarded 1st class)</td>
<td></td>
</tr>
</tbody>
</table>
The following awards and prizes were presented to our outstanding students for 2005 at the Commerce Faculty Student Awards Presentation held on 27th April 2006.

**Wollongong City Council Prize – Yuan Tian**
The student who has completed and achieved the highest average mark in the Master of Information Systems.

**SAS Institute Prize – Dane Hamilton**
The student who has achieved the highest average results in BUSS211 (Business Systems Development A) and BUSS212 (Business Systems Development B).

**InfoComp Prize – Koon Lee**
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 – Natalie Viselli**
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 – Douglas Robson**
The student who attained the highest aggregate mark in ECON215 (Microeconomic Theory and Policy) on the Wollongong Campus in Summer, Autumn or Spring session of a given academic year.

**Prize in Introductory Microeconomics – James Bishop**
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 - Yuyun Feng**
The student who attained the highest aggregate mark in ECON205 (Macroeconomic Theory and Policy) on the Wollongong Campus in Summer, Autumn or Spring session of a given academic year.
Pearson Education Australia Prize: Introductory Macroeconomics - Leah Reid
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 – James Bishop
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.

Meyrick and Associates Prize in Economics - Benjamin Fitzgerald
The student who, in the final year of their degree at the first attempt, attained the best overall mark for ECON305 Economic Policy during the previous academic year.
## 4. Research Activity

### Research Grants Held

<table>
<thead>
<tr>
<th>Name</th>
<th>Title of Project</th>
<th>Awarding Body</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clarke R and J Meloche</td>
<td>SME Services</td>
<td>Faculty of Commerce</td>
<td>$5,000</td>
</tr>
<tr>
<td>Eklund P</td>
<td>Human Communication Science</td>
<td>ARC Research Network</td>
<td>$400,000</td>
</tr>
<tr>
<td>Eklund P, Cole, Bruza and Song</td>
<td>Concept Learning and Structure Formation for Document Navigation</td>
<td>ARC Discovery</td>
<td>$74,056</td>
</tr>
<tr>
<td>Eklund P, Cooper J, Alcock C and L Burgess</td>
<td>ePOC - electronic Point-of-Care</td>
<td>ARC Linkage</td>
<td>$282,251</td>
</tr>
<tr>
<td>Eklund P and R Wille</td>
<td>Conceptual Knowledge Processing</td>
<td>ARC Linkage International</td>
<td>$30,000</td>
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<tr>
<td>Fan J</td>
<td>Developing an Optimized Resource Finding Technique for Wireless Fidelity (Wi-Fi)</td>
<td>URC Small Grants</td>
<td>$6,000</td>
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<tr>
<td>Jayanthakumaran, K</td>
<td>Australia New Zealand CER</td>
<td>Faculty of Commerce</td>
<td>$2,800</td>
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<tr>
<td>Lau S and R Zamani</td>
<td>Investigation of the Pickup and Delivery Problem using State-space and Heuristic Search Approaches</td>
<td>URC Small Grants</td>
<td>$6,500</td>
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<tr>
<td>Liu H</td>
<td>Intelligent Data Mining in XML Documents.</td>
<td>Faculty of Commerce, New Researcher Grant</td>
<td>$5,900</td>
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<td>Liu H</td>
<td>Expressive Power of Data Mining Query Languages over Constraint Databases.</td>
<td>Faculty of Commerce</td>
<td>$5,144</td>
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<td>Meloche J</td>
<td>The Modelling of Information Dissemination: with the ICCMU Website, for Evidence-Based Clinical Guidelines</td>
<td>Faculty of Commerce</td>
<td>$5,144</td>
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<tr>
<td>Sanidas E</td>
<td>Survey of the Marine Industry in Australia</td>
<td>Faculty of Commerce</td>
<td>$5,144</td>
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<tr>
<td>Author(s)</td>
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<tr>
<td>Sanidas E</td>
<td>Survey of the Marine Industry in Australia</td>
<td>Faculty of Commerce</td>
<td>$2,433</td>
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<tr>
<td>Sun Z</td>
<td>Recognising Fraud and Deception in E-Commerce: Models, Algorithms and Applications</td>
<td>Faculty of Commerce</td>
<td>$3,100</td>
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<td>Sun Z</td>
<td>Experience Based Reasoning: Algorithms, Model and Simulations</td>
<td>URC Small Grant</td>
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<tr>
<td>Tran Van Hoa</td>
<td>ASEAN+3 and Impact on Australia-Vietnam Trade and Investment</td>
<td>ARC Linkage Grant</td>
<td>$254,000</td>
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<tr>
<td>Ville S and D Merrett</td>
<td>Business Profitability and Long Term Industrial Change in Twentieth-Century Australia</td>
<td>ARC Discovery Grant</td>
<td>$70,000</td>
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<tr>
<td>Ville S and S Macintyre</td>
<td>How Organizations Connect: Investing in Communication</td>
<td>Academy of Social Sciences of Australia</td>
<td>$4,400</td>
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<tr>
<td>(Uni of Melbourne)</td>
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<tr>
<td>Ville S and O Wicken</td>
<td>Institutions, Innovation Systems and Economic Development: Australia and Norway</td>
<td>Internationalisation Committee, UOW</td>
<td>$6,500</td>
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<tr>
<td>(Uni of Oslo)</td>
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<tr>
<td>Ville S and F Neri</td>
<td>The Impact of Social Capital on Student Academic Achievement at the University of Wollongong</td>
<td>Faculty of Commerce</td>
<td>$4,200</td>
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<tr>
<td>Vrazalic L and P Hyland</td>
<td>Development and Validation of Conceptual Models and Transferable Architectures to Support Self-Sustainable Community Portals</td>
<td>ARC Linkage Grant</td>
<td>$203,000</td>
</tr>
</tbody>
</table>
Research Centre Reports

Activity Theory Usability Laboratory (ATUL)

Members (2005): Helen Hasan, Joseph Meloche, Kate Crawford, Leoni Warne,
Research Assistants: Hamid Pousti, Patricia Worth, Kholoud Al Kayid

The Activity Theory Usability Laboratory (ATUL) is both a facility and a group of experts that takes a holistic approach to the practical yet complex activities that are supported by the use of changing information and communications technologies. It conducts research in the fields of Information Systems, Human-Computer Interaction, Knowledge Management and Organisational Learning. The services offered by ATUL promote a better understanding of the use of technology to help business and communities reach their goals.

Research at ATUL has been funded by two ARC Discovery Grants. 2005 is the first year of the second of these, DP0557108, entitled “Socio-technical determinants of agile, network-centric organisations”. Funded until 2008 for $157,000 the investigators on this grant are: Helen Hasan and Kate Crawford, University of Wollongong; Dennis Hart, The Australian National University; Henry Linger, Monash University; Leoni Warne and Irena Ali, DSTO, Department of Defence. ATUL is set up to run and analyse sessions of Go*Team, an online team strategy game developed by the investigators with DSTO to study network-centric issues. ATUL is also the hub for studies of online networked communities as part of the earlier Discovery Project using Eviva groupware.

ATUL also conducts research and commercial Usability Tests. Two of the latter this year were for RAID and Rivet. ATUL is also involved in community projects: Coomaditchie Artists Website, the Virtual Innovation Community set up by iNet, the Economic Gardening of Shellharbour Council and Vibewire.

ATUL has supplied research services to students and academics with: Leximancer, qualitative data analysis software, Social Network Analysis (SNA), Stella systems modelling, Zing for group decision support and Q-methodology. We also hold fortnightly BBQs to foster research networking.

In 2005 we set up the SEIS Graduate Research Network and celebrated the following graduating research students: Maen Al Hawari, Ahmad al Sukar, Santipat Arunthari, Wannapa Suratmethakul, Tharitpong Fuangvut, Mahmoud Migdadi, Mary Coupland, Hamid Pousti.


Among the many publications of our members, our latest book of collected papers is:- Whymark G and Hasan H (2005) (eds) Activity as the Focus of IS Research, Knowledge Creation Press Pty Ltd.

Centre for Small Business and Regional Research

The Centre for Small Business and Regional Research (CSBRR) was set up as a centre of excellence to provide expertise in issues of concern to small and medium-sized enterprises. Its creation brings together researchers from across the University of Wollongong who share a common interest in this area. The CSBRR also works with researchers from other institutions and bodies both in Australia and internationally who are interested in SMEs.

Activities in 2005 included:-

1. RESEARCH ACTIVITIES

Journal articles


Books
Harvie, C. and Lee, B.C. (eds.) (2005), Sustaining
Growth and Performance in East Asia: The Role of Small and Medium Sized Enterprises, Cheltenham, UK: Edward Elgar.

**Book chapters**


**Conference papers**


**Keynote addresses**


**Grants received**
Sanidas, E. (2005), Faculty of Commerce research grant $5,144 (Survey of the Marine Industry in Australia).

Sanidas, E. (2005), New Researcher Grant $2,433 (Survey of the Marine Industry in Australia).

2. OTHER ACTIVITIES
Workshop on Supply Chain Management for SMEs (9 September 2005)

This workshop was organised by the CSBRR and sponsored by the NSW Department for State and Regional Development (DSRD) as part of its Small Business Month. The half-day workshop was held at the Steelers Club, Wollongong. There were 17 registrations and 6 speakers who spoke for 30-45 minutes each. Feedback on forms distributed at the end of the workshop indicated that the workshop was very positively received and that participants found the format and content interesting and practical.

**CSBRR Associate Members Program**
The Associate Members Program was initiated in 2005 to formalise the contacts forged between the Centre and academics and researchers affiliated with other institutions in Australia and around the world, as a way of fostering collaborative efforts between the Centre and external researchers. It was envisaged that associate members would participate in or contribute to the work of the Centre in various ways. As at end-2005, there were 15 associate members, including leading researchers from the US, Europe, Asia and Australia.
Publications

Books Authored

Pol E and P Carroll  
*An Introduction to Economics with a View to Innovation.* Innovation Planet, Sydney, Australia.

Pol E and P Carroll  
*An Introduction to the Creative Economy.* Innovation Planet, Sydney, Australia.

Sanidas E  
*Organisational Innovations and Economic Growth,* Edward Elgar, Cheltenham, UK.

Vrazalic L and J Meloche  
*Information Systems Workbook,* John Wiley & Sons Australia, Qld Australia.

Books - Edited

Harvie C, Kimura F and H Lee  
*New East Asian Regionalism,* Edward Elgar, Cheltenham UK.

Harvie C and B Lee  
*Sustaining Growth and Performance in East Asia.* Edward Elgar, Cheltenham, UK.

Tran Van Hoa  

Book Chapters

Crawford, K and C D’Souza  

Crawford K and A Kazlauskas  

Eklund P, Tilley T, Cole R and P Becker  

Harvie C  

Harvie C  

Harvie C, Kimura F and H Lee  

Harvie C and B Lee  
Public Policy and SME Development. In C Harvie and B Lee (Eds) *Sustaining*


Tran Van Hoa Advances in Household Economics, Consumer Behaviour and their Role in Modern Economic Policy. In Tran Van Hoa (Ed), *Advances in Household
Tran Van Hoa  

Tran Van Hoa  

Tran Van Hoa and T Zongming  

Tran Van Hoa, Hasegawa H and R Valenzuela  

Tran Van Hoa and D Ironmonger  

Ville S  
Coal Trade. In McCusker, John J. (Ed), History of World Trade since 1450. Macmillan Reference USA, Farmington Hills, MI.

Ville S  
Wool Trade. In McCusker, John J.(Ed), History of World Trade since 1450. Macmillan Reference USA Farmington Hills, MI.

**Journal Articles**

Chowdhury K  

Chowdhury K  

Chowdhury K  

Chowdhury K and M Shrestha  

Harvie C and B Lee  

Harvie C and A Saleh  

Harvie C and A Saleh  
‘An Analysis of Public Sector Deficits and Debt in Lebanon: 1970-2000.’ The


<table>
<thead>
<tr>
<th>Authors</th>
<th>Title</th>
<th>Journal/Book</th>
</tr>
</thead>
</table>


Ville S  ‘Social Capital Formation in Australian Rural Communities: The Role of the Stock and Station Agent.’, Journal of Interdisciplinary History. 36(2), pp. 185-208.


Conference Papers


Eklund P, Becker P and N  ‘Peer to Peer Based Ontology Editing.’ Proceedings of International
Roberts

Conference on Next Generation Web Services Practice, 22nd-26th Aug, Los Alamitos, USA, pp. 259-264.

Eklund P and S Domingo

Eklund P and J Ducrou

Eklund P, Ducrou J and B Wormuth

Eklund P and B Martin

Eklund P and J Sargent

Eklund P and B Wormuth

Harvie C

Harvie C

Harvie C

Harvie C and A Saleh

Harvie C and A Saleh


Lau S and S Kang


Lau S and N Leung


Lau S and N Leung


Lau S, Leung N and G Liang

‘The Customization of Knowledge Management Techniques in Information Technology Help Desk.’ International Conference on Qualitative Research in IT and IT in Qualitative Research, 23rd-25th Nov. Brisbane.

Lau S and X Li


Lau S and X Li


Lau S, Sun Z and G Liang


Liu H

‘Intelligent Computation for Association Rule Mining.’ Proceedings of a Workshop held in conjunction with the Fifth IEEE International Conference on Data Mining, 27th Nov, Halifax, pp. 49-53.

Liu H, Zeleznikow J and H Jamil


Liu H and J Zeleznikow

‘Relational Computation for Mining Association Rules from XML Data.’ Proceedings of ACM fourteenth International Conference on Information and Knowledge Management (CIKM’05), Bremen, Germany pp. 253-254.

Liu H and J Zeleznikow


Meloche J

‘A Contextual Approach to Design and Development of Interfaces for Search Engines, Using Activity Theory, as the Basis for Design Decisions.’ First ISCAR Congress, International Society for Cultural and Activity Research, 20-
24 Sep, Seville, Spain.

Meloche J and M Mok  

Meloche J and M Mok  

Neri F and Joan Rodgers  

O’Brien M  
‘Older Male Workers and Job Mobility in Australia.’ *Shifting the Boundaries of Employment and Work, Australian Centre for Research in Employment and Work (ACREW), 24th-25th Jun, Melbourne*, pp. 2-20.

Pahlavani M  
‘Structural Breaks and External Shocks in the Malaysian Economy.’ 

Pol E and P Carroll  

Sanidas E  
‘The Australian Dollar’s Long Term Fluctuations and Trend: The Commodity Prices Cum Economic Cycles Hypothesis.’ *Future of Banking After the Year 2000 in the World and the Czech Republic, 10th International Conference on Finance and Banking, 19th-20th Oct, Silesian University, Czech Republic*, pp. 647-658.

Sargent J, Burgess L, Cooper J, Alcock C and D Ryan  

Sun Z  

Sun Z  
‘Experience Management in Knowledge Management.’ *9th Intl Conf on Knowledge-Based Intelligent Information and Engineering Systems (KES2005), 14th-16th Sep, Melbourne*.

Sun Z  

Sun Z and G Finnie  

Sun Z and G Finnie  
‘MEBRS: A Multi-Agent Architecture for an Experience Based Reasoning
Sun Z, Finnie G and J Barker


Valadkhani A

‘Pre- and Post GST Effects on Various Goods and Services Included in the CPI Basket.’ International Conference on Business, Economics and Management, 16th-19th Jun, Yasar University, Izmir, Turkey.

Valadkhani A and M Pahlavani


Ville S and D Merrett


Wilson E


Wilson E and M Pahlavani


Wilson E and M Pahlavani


Wilson E, Valadkhani A and M Pahlavani


Working Papers

Economics

Hodgkinson A and R Markey


Harvie C and H Lee

Korea’s Fading Economic Miracle 1990-7. WP 05-09.

Jayanthakumaran K and E Sanidas

The Impact of Unilateral and Regional Trade Liberalisation on the Intra-ASEAN 5 Founding Nations’ Exports and Export GDP-Nexus. WP 05-14.

Levy A

Deterrence Capacity, Relative Performance, Adjustment Costs, Hazard,
Levy A

Health-Risking Informal Service: Price, Prevalence and Law Enforcement
WP 05-13.

Lewis D, O’Brien M, Rogan S and B Shorten


Marashdeh H


Marashdeh H and E Wilson

Structural Changes in the Middle East Stock Markets: The Case of Israel and Arab Countries. WP 05-22.

O’Brien M

Older Male Workers and Job Mobility in Australia. WP 05-04.

Pahlavani M


Pahlavani M


Pahlavani M, Valadkhani A and A Worthington


Pahlavani M, Wilson E and A Valadkhani


Pol E and P Carroll

The Double Paradox of Elementary Economics Education. WP 05-16.

Rodgers J.R. and A Valadkhani

Ranking of Australian Economics Departments Based on their Total and Per Academic Staff Research Output. WP 05-18.

Ruane F and J Sutherland

Export Performance and Destination Characteristics of Irish Manufacturing Industry. WP 05-03.

Sanidas E

The Australian Dollar’s Long-Term Fluctuations and Trend: The Commodity Prices-cum-Economic Cycles Hypothesis. WP 05-29.

Shrestha M and K Chowdhury

A Sequential Procedure for Testing Unit Roots in the Presence of Structural Break in Time Series Data. WP 05-06.

Shrestha M and K Chowdhury


Valadkhani A


Valadkhani A

Pre- and Post-Dynamic GST Effects on Goods and Services Included in the CPI Basket. WP 05-08.
Valadkhani A  
Macroeconometric Modelling: Approaches and Experiences in Developing Countries. WP 05-10.

Valadkhani A, Layton A and N Karunaratne  

Valadkhani A, Layton A and M Pahlavani  
Multiple Structural Breaks in Australia’s Macroeconomic Data: An Application of the Lumsdaine and Papell Test. WP 05-17.

Valadkhani A and T Robinson  
An Analysis of the Output and Conversion Matrices of Australia’s Economy. WP 05-12.

Valadkhani A and A Worthington  

Verma R and E Wilson  

Verma R and E Wilson  

Ville S, Valadkhani A and M O’Brien  

Worthington A and A Valadkhani  

**Information Systems**

Ikart E  
An Exploratory Study of Organisational Contextual Factors Contributing to the Actual Engagement of Executive Information Systems by Knowledge Workers. WP 05-01.

**School Seminar Program**

**Economics**

Paul Blacklow, University of Tasmania; Russel Cooper, University of Western Sydney; Roger Ham, University of Western Sydney and Keith McLaren, Monash University  
A Regular Demand System with Commodity-Specific Demographic Effects.

Shane Brittle(PhD candidate)  
Fiscal Policy, Private Savings Responses and Current Account Deficits in Australia.

Ass Prof Darrel Doessel  
University of Queensland  
Changes in Mental Health Inequality: Some Time-Series Evidence from Australia.

Prof Gustav Feichtinger, Vienna University of Technology, Austria  
Dynamics and Control of ‘Deviant’ Behavior.
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>Prof Alex Frino, University of Sydney</td>
<td>Market Transparency and Liquidity: Evidence From the Sydney Futures Exchange by Luke Bortoli, Alex Frino, Elvis Jarnecic and David Johnstone.</td>
</tr>
<tr>
<td>Simon Guttman and Anthony Richards Reserve Bank of Australia</td>
<td>Trade Openness: An Australian Perspective.</td>
</tr>
<tr>
<td>Andre Jordaan, University of Pretoria</td>
<td>Growth and Development Challenges in South Africa.</td>
</tr>
<tr>
<td>Eduardo Pol</td>
<td>The Double Paradox of Elementary Economics Education.</td>
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<tr>
<td>Prof Yochanan Shachmorove, University of Pennsylvania, USA</td>
<td>A Thirty-Year Excursion Into the Venture Capital Industry in the United States.</td>
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<td>Wayne Simpson University of Manitoba, Canada</td>
<td>Assessing the Prospects of Immigrants to Canada: Evidence from Microdata on Immigration Integration.</td>
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<tr>
<td>Abbas Valadkhani</td>
<td>Export Price Volatility in Australia: An Application of ARCH and GARCH Models</td>
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<tr>
<td>Reetu Verma (PhD candidate)</td>
<td>Financial Reforms in India.</td>
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<tr>
<td>Rodney Clarke</td>
<td>The Work that Analysts Do: A Systemic Functional Approach to Elicitation.</td>
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<tr>
<td>Adrian Collins</td>
<td>Reactance Theory and its Application to Software Engineering.</td>
</tr>
<tr>
<td>Mr James Dellow Chief Technology Solutions, Wollongong</td>
<td>Social Software: More of the Same... or Something Really Different?</td>
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<tr>
<td>Peter Eklund</td>
<td>CM Curriculum Documents and Information Systems: An Assessment of UoW’s BUSS and IACT Coded Subjects.</td>
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<tr>
<td>Helen Hasan</td>
<td>Explaining the Australian Knowledge Management Standard.</td>
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<tr>
<td>Emmanual Ikart</td>
<td>An Exploratory Study of Organisational Contextual Factors Contributing to the Actual Engagement of Executive Information Systems By Knowledge Workers.</td>
</tr>
<tr>
<td>Name</td>
<td>Research Topic</td>
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<tr>
<td>Mira Kartiwi (PhD Candidate)</td>
<td>The Issues of e-Commerce Adoption in Indonesian Small Medium Enterprises (SMEs).</td>
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<tr>
<td>Joseph Meloche and Li Cheng</td>
<td>Q Methodology for Designing and Developing Search Engines in e-Commerce.</td>
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<td>Michelle Mok and Joseph Meloche</td>
<td>ICCMU Web Based Information Service.</td>
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<td>Kamaljeet Sandhu</td>
<td>Electronic Services Acceptance Model (E-SAM)</td>
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<td>Prof Dr Jianfu Sun</td>
<td>Development of Information Systems and Management in the High Education of China.</td>
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<tr>
<td>Zhaohao Sun</td>
<td>Five Perspectives on Case Based Reasoning.</td>
</tr>
<tr>
<td>Björn Vormbrock</td>
<td>Negations of Formal Concepts.</td>
</tr>
<tr>
<td>Assoc Professor David Wilson</td>
<td>Information Systems in Australia: AAIS, ACIS, and AJIS.</td>
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<tr>
<td>Reza Zamani</td>
<td>Project Management Information Systems (PMIS).</td>
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<tr>
<td>Hebei University, Baoding, China</td>
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<tr>
<td>Technische Universität Darmstadt</td>
<td></td>
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<tr>
<td>University of Technology, Sydney and R Macgregor</td>
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</tbody>
</table>
Staff Research Interests

Ang A
Information systems education and skill requirements of IS professionals; attitudes towards software piracy.

Clarke R
Broad research areas include the contextual analysis of information systems (semiotics, linguistics and qualitative), multimedia, user interfaces, and distributed computing. Recent research topics include the communicative modelling of systems development practices, methods and methodologies; rapid prototyping of workpractices; communicative characterisation of workplaces; architecture and tool support for spoken language artefacts; decision making processes; global navigation and hyper systems research.

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.

Eklund P
Web technologies, Intelligent Systems, Visualisation.

Fan J
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.

Harvie C
Modelling economic and monetary integration in East Asia; economic transition in Vietnam and China; entrepreneurism and SME development in a regional and national context.

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; regional development of exports; small and medium enterprises.

Jayanthakumaran K
Trade reforms and manufactured exports in Australia, automobile industry in Australia; ASEAN Free Trade Area; India’s re-entry in the global trade.

Larkin P
Application of Activity Theory to the analysis and modelling of business processes and other aspects relating to the use of Information Systems in large government organisations.

Lau S
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
Trust and privacy issues in electronic commerce; small and medium-sized enterprises; innovation.

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.

Liu H
Database Management Systems: database theory, constraint databases, deductive and object-oriented databases; Data Mining and Data Warehousing: foundations of data mining, optimisation techniques for data mining queries; Internet Data Management:Web query languages, XML and semi-structured databases; Bio-informatics: data modelling and query languages for bio-databases.

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 web sites in promoting commerce.

Meloche J
Information Seeking Activity: HCI and Knowledge Management
The Application of Q Methodology and Activity Theory.

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
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, Schumpeterian growth models, and venture capital. economics education: innovations for student engagement in economics.

Rodgers JL
The incidence and causes of poverty and economic inequality; labour market behaviour and human capital formation; history of microeconomic theory.

Rodgers JR
Labour Economics; poverty and economic inequality; applied microeconomics.

Sanidas E
Economic growth and organizational innovations; evolutionary economics; quantitative analysis; econometrics; international economics; entrepreneurship and theory of the firm.

Sifer M
User interfaces for the visual exploration of multi-dimensional and relational data, particularly large datasets. Some current application areas are search and On-Line Analytical Processing (OLAP).
Sun Z  E-Commerce and E-Business; IT E-Strategies; Intelligent Techniques in E-Commerce; agent based computing; case-based reasoning; web intelligence and web engineering; Knowledge Management and Experience Management; experience-based reasoning; recognition of fraud and deception in E-Commerce.

Sutherland J  Firm-level trade performance, economic development.

Tran Van Hoa  Econometrics; applied econometrics; development economics; ASEAN economics; international business; competition policy; household production; gender discrimination in Asia; WTO and regional free trade agreements.

Valadkhani A  Applied econometrics; macroeconometric model-building; international financial and monetary economics; development economics; and input-output analysis. My current research interests include productivity and growth; Australian macroeconomic policy issues; the pre- and post-GST effects on inflation; and multi-dimensional ranking of Australian universities.

Verma R  Macroeconomics; applied econometrics; economic growth, savings and investment in India.

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; business profitability; social capital; institutions and economic development; industry associations; interorganisational collaboration.

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.

Wilson E  Economic growth and poverty; agricultural policies in India; savings and investment in Australia, India and China; productivity growth and employment creation in developing countries.

Zamani R  Intelligent Routing; Resource Constrained Project Scheduling Problem (RCPSP) and Meta Heuristics.
5. Outreach and Administration

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

Clarke R
Reviewer for 4th International Business Information Management Association (IBIMA) - Information Management in the Modern Enterprise, 5-7 July
Reviewer, Track Chair and Panelist for 14th International Conference on Information Systems Development (ISD2005), Sweden, August 15-17
Reviewer 11th International Kongres der “Deutschen Gesellschaft fur Semiotik: DGS Congress, 24-26 June, Germany
Reviewer 8th International Workshop on Organisational Semiotics, France.
Reviewer 2nd International Conference on e-Business and Telecommunications Networks (ICETE)
Reviewer 7th International Conference on Enterprise Information Systems (ICEIS) USA 24-28 May
Higher Degree Research (HDR) Student Conference - SEIS Representative 29 September.
Postgraduate Research Coordinator (IS).

Eklund P
Head of Information Systems

Fan J
Faculty of Commerce representative to Faculty of Informatics
Reviewer for the Australasian Journal of Information Systems

Harvie C
Co-director Centre for SME Research and Development
Economics Discipline Seminar Co-ordinator

Hasan H
Member of the committee for the Australian KM Standard and the SME committee of Standards Australia
Chair of the board of CTC@Ulladulla
Co-Chair of the ISCAR2005 Regional Conference
Workshop Chair of OZCHI2005
Invited keynote, AIAST Conference, Goulburn. “DSS and KM: Challenges and Pitfalls”
Standards Australia KM Committee article for Journal of Knowledge Management Research and Practice “The spotlight on KM Standards: Developments in Australia”
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
Member of AAIS and ACS
Hodgkinson A  
Head, School of Economics and Information Systems  
Faculty Representative, Academic Staff Development Committee  
Ex-officio Member of Academic Senate  
Academic Member of University Non-Academic Matters Investigation Committee  
Secretary, ANZRSAI

Jayanthakumaran K  
Postgraduate Advisor  
Library Liaison Officer

Larkin P  
Member of the Commerce Faculty Investigation Committee

Lau S  
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  
Joint Coordinator, Economics Working Paper Series  
Co-Director, Centre for SME Research and Development  
Referee for Journal of Electronic Commerce Research and World Development  
Convener of a workshop for small businesses on supply chain management, as part of the NSW Department for State and Regional Development’s Small Business Month

Liu H  
Program committee member for 2006 ACM Symposium for Applied Computing (SAC 2006), Data Mining Track.  
Program committee member for The Seventh Asia Pacific Web Conference (APWeb’06), Harbin, China, 2006.  

MacGregor R  
Editor of The Australian Journal of Information Systems.

McKee J  
Secretary – Illawarra Branch of the Australian Psychological Society  
Director of the Business Improvement Centre within Information Systems Discipline  
Secretary – UOW Social Club

Meloche J  
Editor Information Systems Working Paper Series  
Member, ICCMU Clinical Information Group  
Session Chair, First ISCAR Congress, Seville, Spain

Neri F  
Economics Honours Coordinator  
Commerce representative on the Quality Assurance Sub-committee of the UEC.

Perera N  
Postgraduate Co-ordinator for the Economics Discipline

Rodgers JL  
Refereed articles for the following journals  
Australian Journal of Labour Economics
Rodgers JR
Coordinator, Commerce Dean’s Scholars Program
Member of committee recruiting for the following positions in the Faculty of Commerce: Associate Professor, Senior Lecturer, Lecturer B and Lecturer A in Management.
Referee articles for the following journals
Australian Journal of Labour Economics, Social Science Quarterly
Chair, Department of Economics Undergraduate Studies Committee

Sanidas E
Participation in the International Friendship program

Sun Z
Member of
The IEEE Society (MIEEE)
The Association of Information Systems (MAIS)
Australian Chinese ICT Professional eSociety (ACICT)
Australian Computer Society (Provisional),
Associate editor of Journal of Intelligent and Fuzzy Systems.
Coordinator of Information Systems seminar series
Co-chaired an International Workshop on Experience Management.
Chair, Session on Experience Management and Knowledge Management,
Session on Computational Intelligence: Tools, Techniques and Algorithms,
Session on E-based Systems in Education, Commerce and Health, and
Session on Experience Management and Information Systems at KES2005 held in Melbourne, Sep 14-16
Member of the Program Committee of 10th Conference on Artificial Intelligence and Applications (TAAI2005), Dec 2-3, Kaohsiung, Taiwan
9th International Conference on Knowledge-Based Intelligent Information & Engineering Systems (KES2005), Melbourne Sep 14-16,
International Conference on Information Technology and Applications (ICITA2005), Sydney, 4-7 Jul
The 4th International Workshop on Computational Intelligence in Economics and Finance (CIEF’2005), at Eighth Joint Conference on Information Sciences. Marriott City Center, Salt Lake City, Utah, USA, Jul 21-26,
The 4th IEEE International Workshop on Soft Computing as Transdisciplinary Science and Technology, (WSTST’05), May 25-27 Muroran, Japan
Tran Van Hoa
Coordinator, Vietnam Focus and ASEAN+3 Research Program
Executive Member: Asia Pacific Economic Forum (APEF) Director,
Economics International Committee
Vietnam UOW Alumni Association
NSW-Vietnam Chamber of Commerce
Victoria Institute of International Studies Asia Pacific Economic Association (APEA), Program Committee
Honorary Professor, National Economics University, Vietnam Honorary Professor, National Advanced Training Institute, Vietnam Ministry of Trade

Valadkhani A
Serving on the editorial board of (a) Briefing Notes in Economics; (b) Australasian Journal of Economics Education; (c) Applied Econometrics and International Development; (d) Global Business and Economics Review.
Co-editor of Economics Working Papers Series.
PhD and MA theses examining: Monash and Macquarie.
Served as a member of the Advisory Board of International Conference on Business, Economics and Management, 16-19 June 2005, Yasar University, Izmir, Turkey.
One of the two Economics Seminar Convenors.
A member of the Faculty of Commerce Research Sub-Committee
Contribution to the media:

Verma R
Economics Undergraduate Advisor
Economics Tutor Coordinator

Verrucci N
Sub Dean, Faculty of Commerce
Member of University of Wollongong Council

Ville S
President and Executive Member of Economic History Society of Australia and New Zealand
Media:
ABC Television – (Historical programme consultancy and participation for Outbackhouse)
PhD examining: Sydney, Macquarie, Auckland, Massey.

Wilson E
Head of the Economics Discipline
Member of the E-Learning and Teaching Innovation Sub-Committee and Academic Senate
Chief Examiner and Chair of the HSC Examination Committee, NSW Board of Studies
Member of Council of the Economics Society of Australia – NSW Branch
Economic Society of Australia
Zamani R
Assistant Undergraduate Co-ordinator for the Information Systems Discipline
Committees: Faculty Postgraduate Committee; Information Systems (AAIS)
Referee/Reviewer of Journal of OR Quarterly, OMEGA, and AJIS