

**CENTRE FOR STRATEGIC
ECONOMIC STUDIES**

ANNUAL REPORT 2006

**Victoria University
Melbourne
June 2007**

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1. History and Mission

The Centre for Strategic Economic Studies (CSES) was established by the Council of Victoria University in May 1993. One of the six Designated University Centres, the CSES is located at the City Campus of Victoria University, 300 Flinders Street, Melbourne.

Professor Peter J. Sheehan is the Founding Director of the Centre. He is supported by a team of professional staff involved in research and business activities and by graduate students enrolled in both PhD and DBA degree programs.

The mission of the Centre is to:

- address long-term, strategic economic and social issues of international concern and significance;
- consider, in doing so, the role of both general ideas and specific institutions, and the relationship between ideas and institutions;
- develop a specific focus on basic issues relevant to Australia's future, with special reference to the Asian region; and
- develop and train a body of graduate students with the motivation and skills to address these strategic issues in the future.

In fulfilling this mission, the Centre pursues activities in three main areas: research on long-term economic, social and technological issues; commercial activities, including publications, conferences and electronic data services; and postgraduate research training.

2. Research Programs

The Centre's research programs focus on the massive processes of economic, technological and social change taking place in the contemporary world. They seek to develop an understanding of the causes and consequences of these global processes of change, and of the appropriate policy responses in different situations to the challenges arising. The Centre's six main research programs are noted below.

Growth, trade and development

This program concerns the nature and causes of the emerging global knowledge economy and the implications of these trends for individual industries regions and countries. Particular attention is given to the effects of the integration of economies through trade, financial markets and knowledge flows, and to the policy implications – at regional, national and international levels – of this integration.

Governance and regional economies

This program addresses the impact of economic and social change on regional economies, both sub-national and supra-national, and the appropriate policy responses at different levels of government to the new trends. Particular attention is given to impacts at or below the state or province level, and to the effect of these changes on existing institutions and structures, such as fiscal arrangements between national and regional governments.

Inequality and work

The global changes noted above are bringing about fundamental changes in the nature of work, in the supply of jobs and the skills required, and in the distribution of the rewards from working. This program addresses these issues, exploring their implications for increasing inequality across individuals, families and regions, as well as potential policy responses.

Information technologies and the information industries

This program focuses on the economic and organisational impacts of Information and Communication Technologies (ICTs), including information industry development and policy; the application of ICTs across the economy; consequent structural changes in the economy; emerging business models for information-based businesses; and statistical indicators of information industries and information infrastructure development.

Sustainable development and the environment

This program focuses on the issues involved in achieving a sustainable development path, both nationally and internationally. Particular emphasis has been given to the development of numerical growth models incorporating environmental effects, including climate change, to the impact of technological change and to optimal policy responses.

Technology, innovation and industrial change

Work in this program investigates processes of innovation and technological change in both developed and developing economies. Emphasis is placed on the impact of the information technology revolution and the growth of knowledge intensive industries, but the role of innovation across all industrial and service sectors is also a focus of concern.

Within the broad areas of research focus, the Centre has developed a special emphasis on a number of technologies and/or industries. These include:

- information and communications technologies;
- biotechnology and pharmaceuticals, and
- environmentally sustainable technologies.

3. Summary 2006

The Centre for Strategic Economic Studies was established in 1993, and over time has developed a reputation for producing high quality research outputs in applied economics with a focus on globalisation and the development of the knowledge economy, together with the implications of these trends for economic, social and political change.

Four themes have emerged from the Centre's work to date as of particular importance in the global knowledge economy:

- the central role of health, in terms of human welfare, technological change and economic growth;
- the impact of the convergence of information technologies and biotechnologies at the nano scale, which will have pervasive economic, industrial and social effects;
- the impact of rapid global growth on the environment and the climate, and the technological and policy responses to it; and
- increasing diversity at the regional and individual level, as economic returns concentrate increasingly on those who possess or can access knowledge.

One outcome of the Centre's development activities has been the appointment of new staff members with high level research capabilities. During 2006 Professor Frank Lichtenberg of Columbia University in New York accepted a position as a part-time adjunct Professor at Victoria University, and visited the Centre in February and March 2007. Dr Brantley Liddle (from MIT) and Dr Sally Weller (from the University of Melbourne) have accepted positions as Senior Research Fellows, and started in early 2007. Further appointments will be made during 2007.

4. Staff 2006

The Centre has over a period of years built a small but highly qualified team, capable of producing high quality research outputs in applied economics, with a focus on better understanding the forces of globalisation, the development of the knowledge economy and their implications for economic, social and political change. Funding under PRIP has given CSES the opportunity to take this to a new level. The appointment of Prof Frank Lichtenberg of Columbia University, New York as an Adjunct Professor for three years is the first of a series of new appointments the Centre expects to make of this nature. Prof Lichtenberg is a world renowned expert on the value of pharmaceuticals for improved health.

Professor Peter J. Sheehan	Director
Mr Bruce Rasmussen	Deputy Director
Professor Bhajan Grewal	Professorial Fellow
Professor John Houghton	Professorial Fellow
Professor Sardar M.N. Islam	Professor
Professor Tran Van Hoa	Professorial Fellow
Professor Greg Tegart	Visiting Professor
Professor Frank Lichtenberg	Adjunct Professor
Mr Kim Sweeny	Principal Projects Officer
Mr Ainsley Jolley	Senior Research Fellow
Dr Enjiang Cheng	Senior Research Fellow
Dr George Messinis	Senior Research Fellow
Dr Ahmed Abdullah	Research Fellow
Dr Dana Nicolau	Research Fellow (part-time)
Dr Fiona Sun	Research Fellow (part-time)
Ms Alison Welsh	Research Officer
Mr Jason Neilsen	Research Officer
Ms Neelam Maharaj	Research Officer
Mrs Margarita Kumnick	Research Information Coordinator
Ms Michelle Motton	Administrative Officer

5. Students 2006

As well as supervising PhD students enrolled directly with Centre, CSES staff are also involved as supervisors of the thesis component of a number of DBA students enrolled with the Faculty. In some instances CSES also supervises PhD students enrolled outside the Centre.

<i>Student name</i>	<i>Thesis title</i>	<i>Supervisor</i>	<i>Year started</i>
PHD STUDENTS ENROLLED AT CSES			
Said Al-Saqri	Petroleum Resources, Interdependence and Development: A Case Study of the Gulf Corporation Council Countries	Peter Sheehan	2005
Sudath Arumapperuma	The Role of Information Technology in Disseminating Agricultural Innovations: A Comparative Study of Australia and Sri Lanka	Peter Sheehan	2003
Wei Chen	The Relationship of Capital Structure and Corporate Governance in Emerging Market Countries	Sardar Islam	2005
Helena Grunfeld	Innovative Models for Telecommunications Network Deployment in Developing Countries	John Houghton	2006
Thi Thanh Van Hoang	Strategic Market Planning for Second-Tier Cities: An Application to Vietnam	Tran Van Hoa	2005
Baliira Kalyebara	Using Expected Value of Perfect Information to Improve Capital Budgeting Decision Making	Sardar Islam	2005
Tri Dung Lam	Vietnam, 1986-2005: 20 Years Since the Economic Transition From Plan to Market, the Gains and the Losses in the Absence of Political Reforms.	Peter Sheehan	2003
Yew Choe (Nicholas) Lum	Econometric Study of the Foreign Exchange Market	Sardar Islam	2006
Prabodh Malhotra	Pharmaceutical Industry and Public Health in Developing Countries: A Comparison Study of India and China	Bhajan Grewal	2002
Valerie McGown	The Effectiveness of Quality Control Systems in Australia and Japan: A Comparative Analysis	Peter Sheehan	1996
Giang Nguyen Minh	Education for a Beautiful, Good and Truthful Knowledge Economy: The Case of Vietnam	Peter Sheehan	2006
Quynh Anh Pham	Industrialisation in Vietnam: An Analysis of Manufacturing Competitiveness and Policy Options	Peter Sheehan	2004
Kashif Rashid	Option Pricing and Corporate Governance for the Emerging Financial Markets	Sardar Islam	2004
Bruce Rasmussen	Development Paths of Australian Biomedical Companies	Peter Sheehan	2002
Kim Sweeny	Competition in Australian Pharmaceutical Markets and the Returns to Innovation	Peter Sheehan	2002

Syurkani Syurkani	Inflation Dynamics and Monetary Policy in Indonesia	Peter Sheehan	2006
Chokchai Suwetwattanakul	Knowledge Management in Thai Organisations	Sardar Islam	2006
Thanet Wattanakul	Economic and Trade Policy in Thailand: An Econometric Approach		2005
DBA STUDENTS ENROLLED AT CSES			
Ibrahim Al-Rahbi	The Role of Government for Enhancing the Knowledge Economy in Oman	Bhajan Grewal	2006
Arun Anton	Project Appraisal Methods	Sardar Islam	1995
Aleksandar Bradilovich	The Transfer of Tacit Intellectual Capital into Explicit Organisational Capital in Medium-sized Organisations: An ERP Approach	Sardar Islam	2006
Sami Choi	Energy and Economic Growth: A Dynamic General Equilibrium Analysis	Sardar Islam	1994
Rodney Con Foo	SME Exit and the Role of Risk and Uncertainty	Sardar Islam	2006
Socrates Karagiannidis	Mergers and Acquisitions in Australia: Reasons and Timing	Peter Sheehan	
Alex Manzoni	A Performance Measurement Model for a Productive Unit of a Commercial Enterprise in Australia	Sardar Islam	2005
Hong Hoa Pham	A model of strategic marketing adaptation and performance of multinational corporation subsidiaries in Vietnam: An empirical investigation	Sardar Islam	2006
Tanachart Raoprasert	Japanese Management Adaptation, Particular in Thailand	Sardar Islam	2006
Anuphak Saosaovaphak	Internet Supply Management	Sardar Islam	2006
Toh Ung	Factors for Successful Franchising in Australia	Sardar Islam	2005

Completed PhDs

<i>Student</i>	<i>PhD thesis title</i>	<i>Supervisor</i>	<i>Year completed</i>
1. Alexis Esposto	The Impact of Technology on Earnings Inequality in Australia	Peter Sheehan	2005
2. Sally Weller	Liberalisation on Commodity Chains in the Australian Clothing Industry	Peter Sheehan	2004
3. Dexin Yang	Foreign Direct Investment from Developing Countries: A Case Study of China's Outward Investment	Bhajan Grewal	2004
4. Jamie Sanderson	An Analysis of Climate Change Impact and Adaptation for South East Asia	Sardar Islam	2003
5. Mathew Clarke	Is Economic Growth Desirable? A Net Benefit Index Analysis of Economic Growth in Thailand	Sardar Islam	2003
6. Yvonne Dunlop	Low Paid Earners in the Australian Labour Market	Peter Sheehan	2002
7. Yan Guo	Developing the Information Industries in China 1979–1996: A Case Study in Government Learning in the Plan to Market Transition	Peter Sheehan	2002

8. Asoka Wettasinghe	The Diversity and Effectiveness of Industrial Policies in East Asia: A Case Study of the Republic of Korea, Malaysia and Thailand 1960–1997	Peter Sheehan	2002
8. Galina Tikhomirova	Information Technology Industries and National Competitiveness	Peter Sheehan	2002

Completed DBAS

<i>Student</i>	<i>Thesis title</i>	<i>Supervisor</i>	<i>Years</i>
Mohamed Rusydi	The Determination of the Efficient Exchange Rate: Mathematical Models and Applications to Indonesia	Sardar Islam	1999-2006
Mohammad Aba-Bulgu	Stochastic Optimisation Model for Financial Planning	Sardar Islam	1996-2004
Christina Mak	Cost-Benefit Analysis Related to Pharmacoeconomics	Sardar Islam	1996-2005
Watanapalachaikul Sethapong (Paul)	Financial Econometrics of a Developing Economy: A Study of the Thai Stock Market	Sardar Islam	2001-2004
Songporn (Beau) Hansanti	Financial Liberalisation and the Crisis in Thailand in 1997	Peter Sheehan	2004
Sethapong (Paul) Watanapalachaikul	The Characteristics of the Financial System of Developing Countries: A Study of the Thai Stock Market	Sardar Islam	2003
K. B. Oh	An Empirical Analysis of the Financial Issues in the Australian E-commerce Sector	Sardar Islam	2001
Mohani Abdul	Personal Income Tax Non-Compliance in Malaysia	Peter Sheehan	2001
Ros Brierty	Feasibility Study of Analytical Projects	Sardar Islam	1999

6. CSES Activities and Outputs 2006

The research activities of CSES reflect the broad range of such activities, including preparation and publication of books, research articles, reports, and working papers; conference presentations; internal and external seminar presentations; training programs; workshops; and dissertations of postgraduate research students. Details of these activities for 2006 are presented below.

CSES activities 2006

This year was one in which the Centre made significant progress in expanding its research programs to achieve its overall objectives. This is evident in the comprehensive list of research activities provided in the table below, and in the Centre's research outputs for 2006 listed in the next section.

GRANTS RECEIVED	
Victoria University Priority Research and Innovation Program	The CSES was successful in a bid for funding through the Victoria University Priority Research Innovation Program for investment in research over 2006–2010. The Centre received \$3.25 million for the period for research in the area 'The Global Knowledge Economy in the 21st Century'. The key objective is to build a centre of excellence, of international scale and quality, by 2010, with a focus on the following areas: converging technologies – applications, implications and policy; medicines, health outcomes and industry development; energy use and climate change in the new economy; and governance and regional development issues.
Merck Company Foundation	The Centre has been successful, against global competition, in being awarded one of ten grants of US\$200,000 per annum under the Merck Company Foundation Program on Pharmaceutical Policy Issues (PPPI) for a further three years, 2006–2008. The PPPI grants support outstanding faculty and scholars capable of providing education and training, conducting rigorous, independent, policy-related research, and disseminating information related to pharmaceuticals and health. The central focus of the research is how companies, governments and other agencies respond to the major new round of product innovation in pharmaceuticals that is under way, and to the radical advances in science that are transforming the technological basis of the industry. The CSES project has four streams: (1) The Pharmaceutical Industry to 2010; (2) Health Costs, Drug Cycles and the Benefits of Innovation; (3) Innovation and Cost Management in Pharmaceutical Pricing; and (4) Structural Change, Innovation and Industry Development.
DIIRD matching grant	The Victorian Government, through the Victorian Department of Innovation, Industry and Regional Development (DIIRD), has supported the Merck Company Foundation Grant mentioned above by providing matching funding of US\$50,000 per annum for the three years 2006–2008.
ARC funding	ARC Linkage Grant: General Purpose Technologies. The CSES ARC Linkage project titled 'General Purpose Technologies, Complementarities and the Convergence of Industries' was supported by a three-year grant of \$50,000 per year (from July 2003 to June 2006). In December 2006, a final policy report was released titled <i>Consistent National Policies for Converging Technologies: Some Preliminary Conclusions</i> , along with 22 Project Working Papers. Industry partners included the Department of Industry,

	<p>Tourism and Resources, the Department of Innovation, Industry and Regional Development (VIC), IBM Australia Ltd, Starpharma Ltd and AusBiotech Ltd. Research on converging technologies will be continued with PRIP funding from Victoria University.</p> <p>ARC Linkage Grant: ASEAN+3 Free Trade Agreement and Its Impact on Australia-Vietnam Trade. Tran Van Hoa joined the CSES in July 2005 and brought an ARC Linkage Project (2nd Round) of which he is the sole Chief Investigator. The funding is for the period 2004–2007 with total funding of \$256,000 from the ARC, and \$60,000 in cash and \$220,000 in kind from the industry partner, the Vietnam Institute for Trade (VIT) at the Ministry of Trade (MOT) in Vietnam.</p> <p>In 2006 two workshops were organised to present research of this project. Professor Tran Van Hoa presented two papers: 'Australia-Vietnam: Regional and Sectoral Issues of Trade, Investment and Economic Integration' at the First Biannual Progress Report Workshop (Hue, Vietnam, 11-13 August); and 'Trade, Investment, Development and Risk Management under AFTA/WTO', at the Second Biannual Progress Report Workshop (Hue, Vietnam, 30 November-3 December).</p>
TIAC grants	<p>In late 2005 and early 2006, the CSES received two grants from the Western Australia Technology and Industry Advisory Council (TIAC) to develop 2 reports: on 'Expanding Western Australia's Export Markets: The Drivers and Shapers of China's Economic Development in the 21st Century', for the Department of Industry and Resources' (\$76,980) and 'Expanding Western Australia's Export Markets: The Drivers and Shapers of India's Economic Development in the 21st Century', for the Department of Industry and Resources' (\$76,680). Both reports, finalised in late 2006, provide an understanding of the strategic drivers of Chinese and Indian economic development in order to provide options on expanding the Western Australia's export market. Each report has 12 and 11 supporting papers respectively. The reports will be launched in February 2007 in Perth.</p>
Health funding	<p>Medicines Australia funded research on the Pharmaceutical Benefits Scheme carried out by Kim Sweeny for \$43,000. He produced a report titled <i>Monitoring the Effects of Recent Changes to PBS Medicine Pricing Policies</i>.</p> <p>Pfizer provided funding for \$9000 with three reports being delivered by Kim Sweeny titled <i>Medicines with Prices in the United Kingdom, The Market for Antidepressants in Australia, and New Drugs, Generics and Pricing Options: An Analytical Framework for the Assessment of Alternative Policies Phase One: New Drugs for the PBS</i>.</p> <p>APEC LISF program provided funding in health research for \$26,502. A framework paper was written by Peter Sheehan, Bruce Rasmussen and Kim Sweeny; and delivered at the Fourth Annual APEC Life Science Innovation Forum (LISF) in Hoi An, Vietnam on 6-7 September, titled 'Sustainable Health Care Systems to Support Innovation'.</p>
ICT funding	<p>The OECD has provided regular support for John Houghton to participate in the production of the OECD key ICT publications the <i>Information Technology Outlook</i> and the <i>Communications Outlook</i>. In 2006 it provided \$55,000 for a paper titled 'Globalisation of the ICT sector' which was published as a chapter in the <i>OECD Information Technology Outlook 2006</i>.</p> <p>The Commonwealth Department of Education, Science and Training (DEST) provided \$36,000 for a research report titled <i>Research Communication Costs in Australia: Emerging Opportunities and Benefits</i>. The report was prepared by John Houghton and Peter Sheehan from the CSES and Colin Steele from the Australian National University. The study provides background information to support the development of the</p>

	<p>Australian 'Accessibility Framework', which is intended to provide a strategic framework to improve management of, and access to, research information, outputs and infrastructure so that they are discoverable, accessible and shareable. It is available from the DEST website (see link below in the section listing Contract and Research Reports below). There were extensive references to this DEST report in the recent Productivity Commission report on <i>Public Support for Science</i> with following comments in several blog sites, such as: http://www.earlham.edu/~peters/fos/2006_11_12_fosblogarchive.html#116344467230316048SIGMETRICS@listserv.utk.edu</p> <p>The Australian Computer Society provided \$34,250 for <i>Australian ICT Trade Update 2006</i>, which provides a comprehensive review of the latest Information and Communication Technology (ICT) trade statistics. It is the latest in a series of Information Industries and Technologies reports by John Houghton.</p>
<p>SEEK funding</p>	<p>The CSES commenced a joint research venture with SEEK Limited to develop the new SEEK Employment Index. The Index was launched in July 2005 by the Hon. Kevin Andrews, Minister for Employment and Workplace Relations, SEEK Chairman James Packer and Prof. Elizabeth Harman, Vice Chancellor Victoria University. Peter Sheehan and George Messinis at CSES have developed the index, which is the first Australian indicator to directly compare labour market supply with labour market demand. The SEEK index has been created to complement existing indicators from the Australian Bureau of Statistics (ABS) and the ANZ jobs ads series. Funding received for 2006 totaled \$99,000.</p>
<p>AusAID</p>	<p>AusAID provided funding for three projects.</p> <p>In July the CSES hosted the ACESA 2006 Conference. Funding of \$10,536 was provided by AusAID. For details of the conference please refer to the Section on Conferences in this table and to the conference website at http://www.cfses.com/06confchina/about.htm</p> <p>In May 2006, Prof. Tran Van Hoa organised and facilitated an International Conference in Bangkok with \$14,000 granted by AusAID-ISSS as part of the Regional and Progress of Trade Analysis and Reform Project. The project is managed by ACIL and local contact is Renmin University of China (RUC) in Beijing.</p> <p>As part of the Trade Analysis and Reform Project (TARP) Tran Van Hoa received funding from AusAID of \$23,000 for the organization of 3 workshops which were held on: 12-15 Feb 2006 in Hanoi, Vietnam; 8-11 May 2006 in Bangkok, Thailand; and 7-10 August in Hanoi, Vietnam. For more details see the section below on Workshops.</p>
<p>Other funding</p>	<p>Microfinance. Research continues on microfinance carried out by Enjiang Cheng and partners in China with funding from The World Bank totalling \$5421. As part of the project, the China Academy for Rural Development of Zhejiang University and the CSES co-organized the International Conference on NGO Microfinance and Rural Financial Reforms in China, held in Hangzhou, Zhejiang Province of China on 21-22 May. It was and sponsored by Ford Foundation, Beijing. Forty participants, including leading researchers and microfinance practitioners from China and researchers from Australia and the US, attended the meeting. The representatives from major donor agencies in China, including the World Bank, International Financial Corporation, Ford Foundation, GTZ also attended. A book <i>Rural Finance and Microfinance in China</i> was prepared and has been accepted for publication, by Zhejiang University Press</p> <p><i>Global Chains</i>, the first report from CEDA's Competing From Australia</p>

	<p>project, maps the rise of global production and supply chains. And it warns that Australia may find it increasingly difficult to link into these global chains. This report authored by John Houghton is on the front page of CEDA's website, available at http://ceda.com.au/public/index.html</p> <p>John Houghton joined the Centre for Innovative Industry Research and Whitehorse Strategic Group in 2005 to produce from a report for the Department of Communications, Information Technology and The Arts. The report was released in April 2006 and is titled <u><i>The Australian Software Industry & Vertical Applications Markets: Globally Competitive, Domestically Undervalued</i></u>. It analyses the Australian software industry and opportunities for growth in eight key vertical markets. The consulting team was Ian Dennis, John Houghton (CSES), Richard Hogg, Phil Singleton, Brett McLean, Robert Eames and Tina Xydias.</p> <p>John Houghton also joined a consultancy team including Cliff Gibson, John de Ridder and John Hibbard to produce a report for TIAC titled: <i>Big Pipes: Connecting Western Australia to the Global Knowledge Economy</i>, available at: http://www.tiac.wa.gov.au/ictforum/bigpipes/</p> <p>A report commissioned by Country Racing Victoria in 2005 was finalised in February 2006 titled <i>Economic and Social Contribution of Thoroughbred Horse Racing in Country Victoria</i>. It was carried out in conjunction with the Centre for Hospitality and Tourism (VU), and covered the Victorian country racing industry. An important element of the study was to estimate total expenditure on goods and services by the Victorian country racing industry. Researchers included Bhajan Grewal, Peter Sheehan and Neelam Maharaj.</p> <p>Sardar Islam completed a report with Ian Rouse (Dean of Science Engineering and Health, Victoria University) and others titled <i>Western Region Metropolitan Councils Health Services Strategy</i>, commissioned by the Brimbank City Council on behalf of the Western Region Metropolitan Councils.</p>
<p>PUBLICATIONS HIGHLIGHTS</p>	
<p>CSES MUP book launch</p>	<p>The Vice-Chancellor of Victoria University, Professor Elizabeth Harman welcomed the Hon. Simon Crean MP to launch the new CSES book Engaging the New World: Responses to the Knowledge Economy, on Wednesday 12 July at the VU Conference Centre. The function was attended by a large number of friends and colleagues of the CSES.</p> <p>This recent volume produced at the CSES and published by Melbourne University Press, leading economic analysts discuss the wide-ranging impact of the information economy – on education, health care, pharmaceuticals, public finance, regional economics and agriculture. These issues, critical to national and global economic policy today, are explored with the aim of stimulating the development of appropriate policies for the future.</p> <p>With contributions from prominent Australian and international economists including Bob Gregory, Ann Harding, Frank Lichtenberg, Simon Marginson, William Melody, John Quiggin and Peter Saunders, <i>Engaging the New World</i> was published as a tribute to the work of Peter Sheehan, Director of CSES. It reflects his outstanding contribution to public discourse in Australia as a researcher, writer, leader and adviser to governments. The volume was edited by Bhajan Grewal and Margarita Kumnick.</p>
<p>CSES publications and invited presentations</p>	<p>CSES staff and students totalled 3 authored books (commercial publishers) and 2 edited books (commercial publishers), 12 chapters in books (commercial publishers), 6 refereed journal articles, and 21 refereed and published conference papers. Staff were invited to present 24 presentations and/or papers in Australia and overseas including UK, Germany, China,</p>

	Japan, Korea, Vietnam and Malaysia.
CSES CONFERENCES	
ACESA 2006	<p>The ACESA 2006 International Conference titled Emerging China: Internal Challenges and Global Implications was jointly organised by the Centre for Strategic Economic Studies (CSES) at Victoria University and the Association for Chinese Economic Studies (Australia) (ACESA). Enjiang Cheng was the convenor of the conference which was held at the Victoria University Conference Centre on 13-14 July.</p> <p>This meeting, the 2006 conference of the Association for Chinese Economic Studies (Australia), addressed both the internal challenges faced by the Chinese Government in ensuring sustainable growth and delivering the benefits of that growth to ordinary citizens, and the global implications of China's emergence.</p> <p>Many issues were discussed, including the nature and sustainability of China's current growth path, the future of financial reform, the implications of continuing growth for energy markets and the climate, inequality and the distribution of income within China, including regional imbalances, the challenges facing the government sector and the implications of China's emergence as a leading knowledge nation.</p> <p>Invited speakers included: Dr Brian Fisher, Executive Director, ABARE (Australian Bureau of Agriculture and Resource Economics); Professor Peiyong Gao, Deputy Director, Institute of Finance and Economics, Chinese Academy of Social Sciences; Professor R.G. Gregory, Professor Economics, Economics Program, Research School of Social Sciences, The Australian National University; Director, Center for China Studies, Tsinghua University; and Professor Peter Saunders, Australian Professorial Fellow and Director, Social Policy Research Centre, University of New South Wales.</p> <p>A range of leading experts, both from China and Australia, participated in the conference, which provided an opportunity for full and frank exchange about these important issues.</p>
Microfinance Conference	<p>Enjiang Cheng jointly organised an International Conference on NGO Microfinance and Rural Financial Reforms in China held in Hangzhou, Zhejiang Province of China on 20-21 May 2006. The conference was co-organized by the China Academy for Rural Development of Zhejiang University and the CSES, and was sponsored by the Ford Foundation, Beijing. Forty participants, including the leading researchers and microfinance practitioners from China and researchers from Australia and USA, attended the meeting. The representatives from major donor agencies in China, including the World Bank, International Financial Corporation, Ford Foundation, GTZ also attended the conference.</p>
PARTICIPATION IN HIGH LEVEL CONFERENCES, SEMINARS AND WORKSHOPS	
Invited conference presentations	<p>CSES staff were invited to present 25 papers at a variety of conferences, of which 11 were keynote or plenary presentations (see list below in Appendix 2). Another 20 refereed papers were presented at conferences and published.</p>
Workshops TARP	<p>Tran Van Hoa was invited to participate as mentor in 3 AusAID workshops</p>

<p>project, Vietnam</p>	<p>for Vietnamese senior government officials and researchers organised as part of the Trade Analysis and Reform Project (TARP). Workshops were held on: 12-15 Feb 2006 in Hanoi, Vietnam; 8-11 May 2006 in Bangkok, Thailand; and 7-10 August in Hanoi, Vietnam.</p> <p>A related activity was an invitation for Tran Van Hoa to attend, as a conference facilitator, the Australia-China Free Trade Agreement (ACFTA) Conference on 17-18 April 2006 at Renmin University of China in Beijing to deliver a keynote lecture. The conference was funded by AusAID ISSS with CSES as the Australian co-sponsor.</p>
<p>Organiser and discussant</p>	<p>Tran Van Hoa was invited to be discussant at the WTO, China and Asian Economies V Conference, Central University of Finance and Economics, Beijing, 24-25 June.</p> <p>He was also part of the Program Committee of the 5th Asia Pacific Economic Forum (APEF) Conference 2006 held at Kangwon National University in Chuncheon, Korea, on 4-5 July. After the conference he participated in the United Nations Economic and Social Commission for the Asia Pacific (ESCAP) Young Leaders Training Program for Sustainable Development in Asia and the Pacific held the next day on 6 July, where he delivered a course titled: Introduction to Methodologies in Development and Trade Analysis.</p> <p>Following that he was invited discussant at the Korea and the World Economy V Conference 2006, a joint conference of the Association of Korean Economic Studies (AKES), Research Center for International Economics (RCIE) (University of Washington), and Korea Development Institute (KDI), Korea University, Seoul, 7-8 July.</p>
<p>Organiser Atlantic Economic Conference</p>	<p>At the 61st International Atlantic Economic Conference held in Berlin, Germany on 15-19 March 2006, Bhajan Grewal was joint organizer with M. Peter van der Hoek (Erasmus University, Rotterdam) of the session titled 'China's Public Finances' Both Peter Sheehan and Bhajan Grewal presented a paper in this session.</p>
<p>Invited guest and Honorary Member</p>	<p>Peter Sheehan was invited to become Honorary Member of the Academic Program Committee of the Association for Soft Science China and was invited speaker at the 4th International Symposium on Soft Science Innovative Nation: Theory and Practice, held in Beijing, 28-30 November.</p> <p>The Association for Soft Science China founded in 1994 is a national learned independent society organized on a voluntary basis by organizations, societies, institutions, enterprises and experts and scholars in the field of natural sciences, social science engineering and policy making.</p>
<p>Convenor ICONN 2006</p>	<p>Greg Tegart was convenor and chair for Symposium K of the 2006 International Conference On Nanoscience and Nanotechnology (ICONN) held in Brisbane in 3-7 July. The symposium topic was Nano-manufacturing, Reliability, Standards, Safety and Ethical issues. He was also Chair of Plenary Session 4.</p>
<p>OTHER ACTIVITIES</p>	
<p>Visiting Professor</p>	<p>Professor Frank Lichtenberg is a world renowned expert on the value of pharmaceuticals for improved health and a leading economist working on the quantitative assessment of the impact of new technologies, and especially medicines, on health outcomes. He is s Courtney C. Brown Professor of Business at the Columbia University Graduate School of Business, and a Research Associate of the National Bureau of Economic Research. In February 2006, he visited the CSES for a month, to carry out research on Australian data. During the visit he gave four public</p>

	<p>presentations (two in Melbourne and one each in Sydney and Canberra) and had a number of meetings with political figures and officials in Canberra.</p> <p>Prof Frank Lichtenberg has been appointed Adjunct Professor for three years.</p>
New academic program	<p>As a part of the initiatives undertaken by Prof. Colin Clark, Dean, Faculty of Business and Law, Victoria University is introducing some new academic programs in the Faculty. A Program has been established on Decision Sciences and Modelling. Currently, Sardar Islam is leading the program (as Director) and later a formal organization/committee will be constituted for this program.</p>
Adjunct Professor	<p>Sardar Islam was appointed Adjunct Professor, School of Decision Sciences, Hong Kong Baptist University, Hong Kong.</p>
Project Director	<p>Greg Tegart was Project Director for a report <i>Environmental, Social, Legal and Ethical Aspects of the Development of Nanotechnologies in Australia</i>, carried out by the National Academies forum for the Nanotechnology Strategy Taskforce, Department of Industry, Tourism and Resources in Canberra as an input to the National Technology Taskforce (January-April). This entailed workshops with Fellows of the Academies in Sydney and Melbourne, meetings with regulators in Canberra and industry executives and researchers. A 40 page report was released by the Minister in September.</p>
Organizer Nano Mission	<p>Greg Tegart organized a Mission on Nanotechnology from Academie des Technologies in France in June/July.</p>
Invited member and chair	<p>Greg Tegart was invited to become a member of the Standards Australia Nanotechnologies Committee NT-001 and member of the Asia/Pacific Group of General Advisory Council of MANCEF (Micro and Nanotechnology Commercialization Education Foundation) for 3 years. He was also invited to become Chair of the Management Committee of the ARC Advanced Materials Research Network, for 3 years.</p>
Visiting Scholars	<p>The CSES had two visiting scholars in 2006. Jason Neilsen arrived in Oct 2005, he was completing his Master thesis (Chalmers University of Technology, Gothenburg, Seden). His thesis titled: 'An Innovation System Assessment of the Australian Biofuel Industry' was submitted and accepted in June 2006.</p> <p>Zhang Bo joined the CSES in April 2006 for 5 months to work on his PhD thesis with the School of Finance at Renmin University of China. His thesis is titled: Fiscal decentralization in China.</p>

CSES detailed research publications and output 2006

Publications and research outputs achieved by the Centre in 2006 are listed in full below. DEST category ones have been highlighted.

Books authored (DEST category)

1. Craven, B. and Islam, S.M.N. 2006, *Operations Research Methods: Some Selected Production, Distribution and Inventory Management Applications*, ICFAI University Press, Hyderabad.
2. Islam, S.M.N. and Mak, C. 2006, *Normative Health Economics: A New Social Choice Approach, Mathematical Models and Applications*, Palgrave Macmillan, London, ISBN: 1403987491, 256 pp.
3. Phan Thi Nhiem, Harvie, C. and Tran Van Hoa 2006, *Vietnam's Economic Transition: Policies, Issues and Prospects*, ICFAI University Press, Hyderabad, India, ISBN 81-314-0054-9, 350 pp.

Books edited

1. Grewal, B. and Kumnick, M. (eds) 2006, *Engaging the New World: Responses to the Knowledge Economy*, Melbourne University Press, Melbourne.
2. Tran Van Hoa and Lich, N.V. (eds) 2006, *Hiep Dinh Thuong Mai Tu Do ASEAN+3 & Tac Dong Toi Kinh Te Thuong Mai Viet Nam (in Vietnamese) (ASEAN+3 FTA and Its Impact on Vietnam Trade)*, World Publishing House, Hanoi.

Chapters in books

1. Cheng, E. 2006, 'A review of the microfinance movement in China', in B. Grewal and M. Kumnick (eds), *Engaging the New World: Responses to the Knowledge Economy*, Melbourne University Press, Melbourne.
2. Clarke, M. 2006, 'Choosing measures of welfare: Adapting existing approaches using social choice theory', in M.V. Lane (ed.), *Trends in Poverty and Welfare Alleviation Issues*, Nova Science Publishers, New York, ISBN 1-59454-827-7, pp. 81-100.
3. Clarke, M. 2006, 'Policy Implications of the Index of Sustainable Economic Welfare: Thailand as a Case Study', in P. Lawn (ed.) *Sustainable Development Indicators in Ecological Economics*, Edward Elgar, Cheltenham, ISBN 1-84542-099-3.
4. Grewal, B. 2006, 'Introduction', in B. Grewal and M. Kumnick (eds), *Engaging the New World: Responses to the Knowledge Economy*, Melbourne University Press, Melbourne.
5. Grewal, B. and Sun, F. 2006, 'Regional Disparities: A Continuing Policy Challenge for China', in B. Grewal and M. Kumnick (eds), *Engaging the New World: Responses to the Knowledge Economy*, Melbourne University Press, Melbourne.
6. Houghton, J., Steele, C. and Henty, M. 2006, 'Research practices and scholarly communication in the digital environment', in B. Grewal and M. Kumnick (eds), *Engaging the New World: Responses to the Knowledge Economy*, Melbourne University Press, Melbourne.
7. Houghton, J. 2006, 'The global knowledge economy', in J.N. Rao (ed.), *Knowledge-Based Economy: An Introduction*, ICFAI University Press, Hyderabad.
8. Aba-Bulgu, M. and Islam, M. 2006, 'A framework for corporate crisis management', in L. Moutinho (ed.), *Advances in Doctoral Research in Management*, Volume 1, World Scientific, Singapore.

9. Jolley, A. 2006, 'Australian agriculture in the knowledge economy', in B. Grewal and M. Kumnick (eds), *Engaging the New World: Responses to the Knowledge Economy*, Melbourne University Press, Melbourne.
10. Rasmussen, B. 2006, 'Innovation and industry structure in the biomedical industry: Role of alliances', in B. Grewal and M. Kumnick (eds), *Engaging the New World: Responses to the Knowledge Economy*, Melbourne University Press, Melbourne.
11. Sweeny, K. 2006, 'Australian pharmaceutical pricing in a global context: Trends and issues', in B. Grewal and M. Kumnick (eds), *Engaging the New World: Responses to the Knowledge Economy*, Melbourne University Press, Melbourne.
12. Tran Van Hoa and Lich, N.V. 2006, 'Hiep Dinh Thuong Mai Tu Do Khu Vuc o Chau A va Nhung Goi Y Cho Viet Nam' ('Asian Free Trade Agreements and Prospects for Vietnam'), in Tran Van Hoa and N.V. Lich (eds), *Hiep Dinh Thuong Mai Tu Do ASEAN+3 & Tac Dong Toi Kinh Te Thuong Mai Viet Nam (in Vietnamese) (ASEAN+3 FTA and Its Impact on Vietnam Trade)*, World Publishing House, Hanoi, pp. 10-30.
13. Watanapalachaikul, S., Islam, S. and Billington, N. 2006, 'A Multifactor Stock Valuation Model: An Empirical Application to the Thai Telecommunications Sector', in K. Fatemi (ed.) *Globalization and East Asia: Opportunities and Challenges*, Haworth Press, New York, ISBN 0-7890-2743-7.

Journal articles refereed

1. Ahmed, A. 2006, 'The impact of financial liberalization policies: The case of Botswana', *Journal of African Development*, vol. 1, no. 1, Spring, pp.13-38.
2. Arumapperuma, S. 2006, 'Agriculture innovation systems in Australia', *Journal of Business Systems, Governance and Ethics*, vol. 1, no. 4, pp. 15-26.
3. Clarke, M. and Islam, S.M.N. 2006, 'National accounting measures and sustainability objectives: Present approaches and future prospects', *Sustainable Development*, vol. 14, no. 4, pp. 219-233, ISSN 0968-0802.
4. Clarke, M., Islam, S. and Paech, S. 2006, 'Measuring Australia's well-being using hierarchical needs', *Journal of Socio-Economics*, vol. 35, no. 6, pp. 933-945.
5. Houghton, J. 2006, 'Innovation in ICT: A changing landscape', *Telecommunications Journal of Australia*, vol. 56, no. 3/4, pp. 93-105.
6. Liu Xi-chuan, Jin Ling and Cheng, E. 2006, 'Promote rural financial reform and expand the microfinance market for the poor', *Chinese Rural Economy*, series 260, no. 8, pp.74-78.
7. Sanderson, J. and Islam, S.M.N. 2006, 'Scenarios for climate change in South East Asia: Implications for economic development and policy options', *International Journal of Environmental Creation*, vol. 5, no. 1, pp. 41-54.
8. Tegart, G. 2006, 'Critical issues in the commercialization of nanotechnology', *Innovation: Management, Policy and Practice*, vol. 8, no. 4-5.
9. Watanapalachaikul, S. and Islam, S.M.N. 2006, 'The anomaly of the Thai stock market', *Savings and Development*, vol. 30, no. 4, pp. 443-468.

Journal articles not refereed

1. Lofgren, H. and Malhotra, P. 2006, 'India's pharmaceutical industry: Hype or high tech take-off?', *Peripherie*, no. 103, 26, September, pp. 315-337, ISSN 0173-184X, previously published in *Australian Health Review*, 2004, vol. 28, no. 2, pp. 182-193.
2. Houghton, J. and Walker, D. 2006, 'Connecting to the Global Chains', *Australian Chief Executive*, CEDA, December.
3. Tegart, G. 2006, 'Future fuels for the Asia-Pacific region', *ATSE Focus*, no. 142, September, pp. 18-22.
4. Tegart, G. 2006, 'Social and Ethical Issues in the Development of Nanotechnology in Australia', *Chemistry in Australia*, Royal Australia Chemical Institute, October, pp. 21-22.

Conference papers and presentations, invited

1. Grewal, B. 2006, 'Local Government Expenditure Responsibilities: Principles and Practice', *invited* presentation made at Asian Development Bank Institute's Local Government Fiscal Reforms Seminar, Asian Development Bank Institute, Tokyo, 10 March.
2. Grewal, B. 2006, 'Local Government Role and Budget management', *invited* presentation made at Asian Development Bank Institute's Local Government Fiscal Reforms Seminar, Asian Development Bank Institute, Tokyo, 10 March.
3. Grewal, B. 2006, 'Designing Fiscal Equalization for China's Regional Disparities: Issues and Options', *invited* paper presented at the 61st Annual Conference of International Atlantic Economic Society, Berlin, 15-19 March.
4. Grewal, B. 2006, 'Assignment of Expenditure Responsibilities: the Australian Experience', *invited* paper presented at the International Workshop on Fiscal System Reform, jointly organised by China's National Development Reform Commission, Yunnan Provincial Development and Reform Commission, and the Academy of Macroeconomic Research (AMR), Kunming City, Yunnan Province, PRC, 20 July.
5. Grewal, B. 2006, 'Assignment of Revenue-raising Authority by Level of Government: The Australian Experience', *invited* paper presented at the UNDP-MOF International Seminar on Public Finance in China, Wuhan, 27 July.
6. Grewal, B. 2006, 'Income Inequality in Australia', *invited* paper presented at the Forum Role of Public Policies in Building a Harmonious Society, Chinese Academy of Social Sciences, Beijing, 4 November.
7. Grewal, B. 2006, 'Income Inequality in Australia', *invited* paper presented at Graduate School of Management, Shanxi University of Finance and Economics, Taiyuan, China, 6 November.
8. Houghton, J. 2006, 'Exploring the Economic Impacts of Open Access: A Research Perspective', *invited keynote* presentation at JISC Conference 'Moving Towards Open Access', Keble College, Oxford, 27-28 September, <http://www.jisc.ac.uk/media/documents/houghton,%20john.ppt>
9. Houghton, J. 2006, 'ICT and the new wave of globalisation', *invited keynote* speaker to 'ICT Enabling our Future', *invited keynote* presentation to ICT Industry Collaboration Centre of Western Australia, Perth, 18 November.
10. Houghton, J. 2006, 'Scholarly Communication Costs and Benefits: The Role of Repositories', *invited keynote* presentation at the APSR event 'The Successful Repository', Australian Partnership for Sustainable Repositories, Brisbane, 29 June, <http://www.apsr.edu.au/presentations/successful.html>
11. Sheehan, P. 2006, 'Federalism and the Revision of China's Development Strategy', *invited* and *refereed* paper presented at the 61st Annual Conference of International Atlantic Economic Society, Berlin, 15-19 March.
12. Sheehan, P., Rasmussen, B. and Sweeny, K. 2006, 'Sustainable Health Care Systems to Support Innovation', *invited framework* paper presented at the Fourth Annual APEC Life Science Innovation Forum (LISF), Hoi An, Vietnam, 6-7 September.
13. Sheehan, P. 2006, 'Adapting to the New Global Knowledge Economy: Some Policy Choices for Australia' presentation to the Australian Institute of International Affairs (Victoria). Melbourne, 21 November.
14. Sheehan, P. 2006, 'Towards an Innovative Nation: Challenges to China from the Changing Development Strategy', *invited keynote* speaker and paper presented to the 4th International Symposium on Soft Science, "Innovative Nation: Theory and Practice", Beijing, 28-30 November.
15. Sweeny, K. 2006, 'The Future of the PBS', *invited* paper presented at the 4th Annual PharmaMarketing and Sales Congress 2006, Sydney, 2-5 May.
16. Tegart, G. 2006, 'An Australian Viewpoint on Environmental Issues in Nanotechnologies', *invited* presentation at the Conference on 'Environmental Aspects

- of Nanoparticles and Nanomaterials', Society of Environmental Toxicology and Chemistry (UK) and Environment Agency (UK), London, 19 September.
17. Tegart, G. 2006, 'Management Challenges in Commercialisation of Nanotechnologies', *invited* presentation at the 2006 ICTM International Conference on Technology Management 'Creating Competitive Advantage through Management of Technology', Kuala Lumpur, 4- 5 December.
 18. Tran Van Hoa 2006, 'Business Development in AFTA-WTO Asia: Challenges and Opportunities', *invited keynote speaker, refereed and published* paper presented to the Australian Forum on Business Education (AFBE) Conference, National Advanced Training Institute (NATI), Hanoi, Vietnam, 4-5 December, http://www.afbe.info/index.php?option=com_simpleboard&func=view&catid=2&id=10#10
 19. Tran Van Hoa 2006, 'Modelling Gains and Losses from an Australia China Free Trade Agreement', *invited keynote* paper presented at the Australia-China FTA Conference, Renmin University of China, Beijing, 17-18 April.
 20. Tran Van Hoa 2006, 'Impact of WTO Membership, Regional Economic Integration and Structural Change on China's Trade and Growth', *invited, refereed and published* paper presented at the WTO, China and Asian Economies V Conference, Central University of Finance and Economics, Beijing, 24-25 June.
 21. Tran Van Hoa 2006, 'East Asia-Australia Regionalism: Modelling Gains and Losses from an Australia-China Free Trade Agreement', *invited, refereed and published* paper presented at the 5th Asia Pacific Economic Forum (APEF) Conference 2006, Kangwon National University, Chuncheon, Korea, 4-5 July, http://www.kangwon.ac.kr/~aplc/eng/program_02.html
 22. Tran Van Hoa 2006, 'Effects of Economic Policy Change and Global Shocks on Korea's Trade and Growth', *invited, refereed and published* paper presented at the and Discussant at the Korea and the World Economy V Conference 2006, a joint conference of the Association of Korean Economic Studies (AKES), Research Center for International Economics (RCIE) (University of Washington), and Korea Development Institute (KDI), Korea University, Seoul, 7-8 July, <http://faculty.washington.edu/karyiu/confer/seoul06/index.htm>
 23. Tran Van Hoa 2006, 'Business Development in AFTA-WTO Asia: Challenges and Opportunities', *invited keynote speaker, refereed and published* paper presented to the Australian Forum on Business Education (AFBE) Conference, National Advanced Training Institute (NATI), Hanoi, Vietnam, 4-5 December, http://www.afbe.info/index.php?option=com_simpleboard&func=view&catid=2&id=10#10
 24. Tran Van Hoa 2006, 'Australia-Vietnam: Regional and Sectoral Issues of Trade, Investment and Economic Integration', *invited keynote* paper presented at the First Biannual Progress Report Workshop of the ARC Linkage Project ASEAN+3 and Impact on Australia-Vietnam Trade, Ministry of Trade, Hue, Vietnam, 11-13 August.
 25. Tran Van Hoa 2006, 'Trade, Investment, Development and Risk Management under AFTA / WTO', *invited keynote* paper presented at the Second Biannual Progress Report Workshop of the ARC Linkage Project ASEAN+3 and Impact on Australia-Vietnam Trade, Ministry of Trade, Hue, Vietnam, 30 November-3 December.

Conference papers, refereed and published (non-DEST category)

1. Cheng, E. 2006, '[The Demand for Micro-credit as a Determinant for Microfinance Outreach? Evidence from China](#)', *refereed* paper presented at the ACESA 2006 International Conference, Emerging China: Internal Challenges and Global Implications, Centre for Strategic Economic Studies, Victoria University, Melbourne, 13-14 July.
2. Grewal, B. 2006, 'Distribution of Fiscal Transfers: Why Fiscal Capacity Equalisation Is Not the Right Policy for China', *refereed* paper at the ACESA 2006 International

- Conference, Emerging China: Internal Challenges and Global Implications, Centre for Strategic Economic Studies, Victoria University, Melbourne, 13-14, July <http://www.cfses.com/06confchina/about.htm>
3. Craven B. and Islam, S.M.N. 2006, 'Logistics and Supply Chain Management: A Review of Some Operations Research Approaches', *refereed* paper presented at The International Conference on Logistics and Supply Chain Management (LSCM2006), Department of Industrial and Manufacturing Systems Engineering, The University of Hong Kong, Hong Kong, 5-7 January, <http://www.imse.hku.hk/iclscm2006/>
 4. Islam, S.M.N. 2006, 'Multi-Level Programming Modelling for Efficient Organisational Behaviour in Logistics and Supply Chain Management', *refereed* paper presented at The International Conference on Logistics and Supply Chain Management (LSCM2006), Department of Industrial and Manufacturing Systems Engineering, The University of Hong Kong, Hong Kong, 5-7 January, <http://www.imse.hku.hk/iclscm2006/>
 5. Islam, S.M.N. and Watanapalachaikul, S. 2006, 'Descriptive Statistics of the Thai Stock Market', *refereed* paper presented at The Brunei, Indonesia, Malaysia and Phillipines – East ASEAN Growth Area (BIMP-EAGA) Conference 2006, Universiti Malaysia, Kota Kinabalu Sabah, Malaysia, 21-23 June, <http://www.ums.edu.my/spe/bimpeaga/index.htm>
 6. Islam, S.M.N. 2006, 'Modelling, Computational and ERP Methods in Logistics and Supply Chain Systems', *refereed* paper presented at the International Conference of Business, Economics and Management Disciplines, Beijing, China, 23-25 June.
 7. Islam, S.M.N. 2006, 'Modelling Methods in Integrated Economic and Logistics and Supply Chain Systems: The Present State and Future Directions', *refereed* paper presented at the 4th International Logistics and Supply Chain Congress, Izmir, Turkey, 29-30 November to 1 December, <http://dlim.ieu.edu.tr/logistics/themes.php>
 8. Mak, C. and Islam, S.M.N. 2006, 'Health Sector Planning: Modeling and Implications', *refereed* paper presented at the EcoMod2006 International Conference on Policy Modeling, Hong Kong, 28-30 June, <http://www.ecomod.net/conferences/ecomod2006/ecomod2006.htm>
 9. Manzoni, A. and Islam, S.M.N. 2006, 'Measuring the Performance of Supply Chain Networks in Australia: A Business Process Model using Data Envelopment Analysis', *refereed* paper presented at the 4th International Conference on Supply Chain Management and Information Systems (SCMIS 2006), National Chung Hsing University, Taiwan, 5-7 July, <http://www.nchu.edu.tw/SCMIS2006/>
 10. Manzoni, A. and Islam, S.M.N. 2006, 'Measuring the Performance of Collaborative Relationships in Supply Chain Networks Using Data Envelopment Analysis: A Corporate Governance Perspective', *refereed* paper presented at the 4th International Logistics and Supply Chain Congress, Izmir, Turkey, 29-30 November to 1 December, <http://dlim.ieu.edu.tr/logistics/themes.php>
 11. Messinis, G. and Olekalns, N. 2006, 'Training and Returns to Undereducation and Overeducation: New Australian Evidence', *refereed* paper presented at the 35th Conference of Economists Australia, Perth, 25-27 September, available at <http://www.cbs.curtin.edu.au/business/faculties/economics-and-finance/conference-of-economists-2006/program-and-papers>
 12. Oh, K.B. and Islam, S.M.N. 2006, 'Globalisation and the Changing Characteristics of Financial Markets: An Econometric Analysis', *refereed* paper presented at The Brunei, Indonesia, Malaysia and Phillipines – East ASEAN Growth Area (BIMP-EAGA) Conference 2006, Universiti Malaysia, Kota Kinabalu Sabah, Malaysia, 21-23 June, <http://www.ums.edu.my/spe/bimpeaga/index.htm>
 13. Oh, K.B. and Islam, S.M.N. 2006, 'Risk Analysis in the Intellectual Capital Stock Market: A Study of the E-Commerce Sector', *refereed* paper presented at the 4th International Conference on Supply Chain Management and Information Systems (SCMIS 2006), National Chung Hsing University, Taiwan, 5-7 July, <http://www.nchu.edu.tw/SCMIS2006/>

14. Sheehan, P. and Sun, F. 2006, 'Energy Use and CO2 Emissions in China: Retrospect and Prospect', *refereed* plenary paper presented at the ACESA 2006 International Conference, Emerging China: Internal Challenges and Global Implications, Centre for Strategic Economic Studies, Victoria University, Melbourne, 13-14 July.
15. Tran Van Hoa 2006, '[Who Gains and Who Loses from an Australia-China Free Trade Agreement?](#)', *refereed* paper presented at the ACESA 2006 International Conference, Emerging China: Internal Challenges and Global Implications, Centre for Strategic Economic Studies, Victoria University, Melbourne, 13-14 July.
16. Zhang, B. 2006, '[On Measuring the Scale and Effects of Fiscal Equalization Grants in China](#)', *refereed* paper presented at the ACESA 2006 International Conference, Emerging China: Internal Challenges and Global Implications, Centre for Strategic Economic Studies, Victoria University, Melbourne, 13-14 July.

Conference papers, other

1. Islam, S.M.N., Watanapalachaikul, S. and Clark, C. 2006, 'Are Emerging Financial Markets Efficient? Some Evidence from the Models of the Thai Stock Market', paper presented at the EcoMod2006 International Conference on Policy Modeling, Hong Kong, 28-30 June, <http://www.ecomod.net/conferences/ecomod2006/ecomod2006.htm>
2. Islam, S.M.N. and Rusydi, M. 2006, 'Exchange Rate Issues in Emerging Markets: The Case of Indonesia', *refereed* paper presented at The Brunei, Indonesia, Malaysia and Phillipines – East ASEAN Growth Area (BIMP-EAGA) Conference 2006, Universiti Malaysia, Kota Kinabalu Sabah, Malaysia, 21-23 June, <http://www.ums.edu.my/spe/bimpeaga/index.htm>
3. Manzoni, A. and Islam, S.M.N. 2006, 'An Improved Performance Scorecard for Supply Chain Networks in the Australian Context', *refereed* paper presented at The International Conference on Logistics and Supply Chain Management (LSCM2006), Department of Industrial and Manufacturing Systems Engineering, The University of Hong Kong, Hong Kong, 5-7 January, <http://www.imse.hku.hk/iclscm2006/>
4. Messinis, G. 2006, 'Forever young Mr. J.K. Galbraith! Executive pay, unfair wages and economic growth', *refereed* paper presented at the IAREP-SABE Conference, International Association for Research in Economic Psychology and The Society for the Advancement of Behavioral Economics, 5-8 July, Paris, available at: <http://team.univ-paris1.fr/iarep-sabe2006/>
5. White, P. and Islam, S.M.N. 2006, 'Economic Analysis of Electronic Banking Regulation: An Australian Study with Implications for Asian Countries', *refereed* paper presented at the 2nd Annual Conference of Asian Law and Economics Association (AsLEA), Bangalore, India, 8-9 December.

CSES research reports

1. Sheehan, P., Grewal, B. et al. 2006, *Building on the Western Australian Boom: The Drivers and Shapers of India's Economic Development in the 21st Century*, Report to the Western Australian Technology and Industry Advisory Council (TIAC), Centre for Strategic Economic Studies, Victoria University, Melbourne, 58 pp.
2. Sheehan, P., Grewal, B. et al. 2006, *Building on the Western Australian Boom: The Drivers and Shapers of China's Economic Development in the 21st Century*, Report to the Western Australian Technology and Industry Advisory Council (TIAC), Centre for Strategic Economic Studies, Victoria University, Melbourne, 90 pp.
3. Sheehan, P. et al. 2006, [Climate Change, Industrial Structure and the Knowledge Economy: Key Issues for an Effective Response on Greenhouse Gases](#), Final Report

- ARC Linkage Project, Centre for Strategic Economic Studies, Victoria University, Melbourne, 34 pp.
4. Sheehan et al. 2006, [Consistent National Policies for Converging Technologies: Some Preliminary Conclusions](#), Policy Report of the CSES Project General Purpose Technologies, Complementarities and the Convergence of Industries, ARC Linkage Grant Project LP0349387, November, Centre for Strategic Economic Studies, Victoria University, Melbourne, 31 pp.
 5. Houghton, J., Steele, C. and Sheehan, P. 2006, [Research Communication Costs in Australia: Emerging Opportunities and Benefits](#), Final Report to Department of Education, Science and Training, September, CSES, Victoria University, Melbourne, 156 pp.
 6. Houghton, J. 2006, [Australian ICT Trade Update 2006](#), Australian Computer Society and Centre for Strategic Economic Studies, Sydney and Melbourne, March, 103 pp.
 7. Houghton, J. 2006, [Global Chains Australia's Challenge in the Evolving International Economy](#), CEDA Competing from Australia Project Paper 1, Melbourne.
 8. Ridder, J., Hibbard, J. and Houghton, J. 2006, [Big Pipes: Connecting Western Australia to the Global Knowledge Economy](#), report to Western Australian Information and Communications Technology Forum, Perth.
 9. Sheehan, P., Rasmussen, B. and Sweeny, K. 2006, '[Sustainable Health Care Systems to Support Innovation](#)', Framework Paper prepared for the Fourth Annual APEC Life Science Innovation Forum (LISF), Hoi An, Vietnam, 6-7 September.
 10. Centre for Strategic Economic Studies and Centre for Hospitality and Tourism Research 2006, *Economic and Social Contribution of Thoroughbred Horse Racing in Country Victoria*, Final Report to Country Racing Victoria, February, Victoria University, Melbourne.
 11. Dennis, I., Houghton, J. (CSES), Hogg, R., Singleton, P., McLean, B., Eames, R. and Xydias, T. 2006, [The Australian Software Industry & Vertical Applications Markets: Globally Competitive, Domestically Undervalued](#), report to the Department of Communications, Information Technology and the Arts, Centre for Innovative Economics Research Consortium, April, Canberra.
 12. Sweeny, K. 2006, *Monitoring the Effects of Recent Changes to PBS Medicine Pricing Policies*, report to Medicines Australia, April, CSES, Victoria University, Melbourne.
 13. Sweeny, K. 2006, *A Comparison of the PBS Prices of Popular Patent-Protected and Off-Patent Medicines with Prices in the United Kingdom*, report to Pfizer Australia, March, CSES, Victoria University, Melbourne.
 14. Sweeny, K. 2006, *The Market for Antidepressants in Australia*, report to Pfizer Australia, February, CSES, Victoria University, Melbourne.
 15. Sweeny, K. 2006, *New Drugs, Generics and Pricing Options: An Analytical Framework for the Assessment of Alternative Policies Phase One: New Drugs for the PBS*, report to Pfizer Australia, February, CSES, Victoria University, Melbourne.
 16. Tegart, G. et al. 2006, [Environmental, Social, Legal and Ethical Aspects of the Development of Nanotechnologies in Australia](#), Report from the National Academies forum for the Nanotechnology Strategy Taskforce, Department of Industry, Tourism and Resources, April, Canberra, 45 pp.
 17. Tegart, G. 2006, *Future Fuel Technology: Summary Report of an APEC-wide Foresight Study*, A Project of the APEC Industrial Science and Technology Group and the APEC Energy Working Group, APEC Centre for Technology Foresight, National Science and Technology Development Agency, Bangkok.

Supporting papers to research reports

1. Grewal, B. 2006, '[Health Care and Education](#)', Supporting Paper No. 8 to the CSES Report to TIAC *Building on the Western Australian Boom: The Drivers and Shapers of China's Economic Development in the 21st Century*, February 2007, Centre for Strategic Economic Studies, Victoria University, Melbourne.

2. Grewal, B. and Malhotra, P. 2006, [India: Agriculture and Water](#), Supporting Paper 7 to the Report to TIAC *Building on the Western Australian Boom: The Drivers and Shapers of India's Economic Development in the 21st Century*, February 2007, Centre for Strategic Economic Studies, Victoria University, Melbourne.
3. Houghton, J. and Sheehan, P. 2006, 'The Economic Impact of Open Access to Scientific Publications', General Purpose Technologies ARC Linkage Project Working Paper, June, Centre for Strategic Economic Studies, Victoria University, Melbourne.
4. Jolley, A. 2006, 'Technologies and Growth: Issues Raised by General Purpose Technologies and the Knowledge Economy', General Purpose Technologies ARC Linkage Project Working Paper, June, Centre for Strategic Economic Studies, Victoria University, Melbourne.
5. Malhotra, P. 2006, [Health Care and Innovation: The Case of Poverty and Disease Prevention in India](#), Supporting Paper 4 to the Report to TIAC *Building on the Western Australian Boom: The Drivers and Shapers of India's Economic Development in the 21st Century*, February 2007, Centre for Strategic Economic Studies, Victoria University, Melbourne.
6. Nicolau, D. 2006, 'Recent Developments in India and China: The Pharmaceutical Industries and Selected High-tech Industries', General Purpose Technologies ARC Linkage Project Working Paper, March, Centre for Strategic Economic Studies, Victoria University, Melbourne.
7. Rasmussen, B. 2006, 'Strategic Assets, Networks and Business Models: The Case of Bioinformatics', General Purpose Technologies ARC Linkage Project Working Paper, June, Centre for Strategic Economic Studies, Victoria University, Melbourne.
8. Sheehan, P. 2006, 'Scoping the New World Order: Some GDP Projections to 2030', Supporting Paper No. 1 to the CSES Report to TIAC *Building on the Western Australian Boom: The Drivers and Shapers of China's Economic Development in the 21st Century*, February 2007, Centre for Strategic Economic Studies, Victoria University, Melbourne.
9. Tegart, G. 2006, 'Critical Issues in the Commercialization of Nanotechnologies', General Purpose Technologies ARC Linkage Project Working Paper, June, Centre for Strategic Economic Studies, Victoria University, Melbourne.

External seminars and courses

1. Pham, Q.A. 2006, 'The manufacturing firms in Vietnam: an empirical analysis of features, competitive performance and determinants by location', paper presented at a Workshop on the Study of Vietnam, Australian National University, Canberra, 2 February.
2. Islam, S. 2006, 'Corporate Government' and 'Research Methodology', co-shared lecturer, Doctor of Business Administration Course, Victoria University, Melbourne.
3. Tegart, G. 2006, 'Institutional perspectives', *invited* presentation at the Public Symposium on 'The Social Impacts of Nanotechnology', ANU College of Arts/College of Law, Canberra, 3 August.
4. Tegart, G. 2006, 'Foresight in nanobiotechnology', *invited* presentation at a Meeting of OzNano2Life Consortium, ANU, Canberra, 22 August.
5. Tegart, G. 2006, 'An Australian viewpoint on nanobiotechnology and its international linkages', *invited* presentation at the Australia-Taiwan Workshop organized by Australian Academy of Technological Sciences and Engineering for the Department of Industry, Science and Resources, Healesville, 27 August.
6. Tegart, G. (written by Nares Damrongchai) 2006, 'Future fuel technology scenarios and roadmapping for the Asia-Pacific region' *invited* presentation at the Second International Seville Seminar on Future-Oriented Technology Analysis, Seville, Spain, 28 September.
7. Tegart, G. 2006, 'Future fuels for the Asia-Pacific region', *invited* presentation at the Forum de Energia, Bilbao, Spain, 29 September.

8. Tegart, G. 2006, 'The rocky road to commercialization of Nanotechnologies', invited presentation at Centro de Investigacion Cooperativa en Micro-Nanotecnologias, San Sebastian, Spain, 3 October.
9. Tran Van Hoa 2006, Participant in the United Nations Economic and Social Commission for the Asia Pacific (ESCAP) Young Leaders Training Program for Sustainable Development in Asia and the Pacific , 6 July 2006, Kangwon National University, Chunchoen, Korea. Course delivered Introduction to Methodologies in Development and Trade Analysis.

Seminars and internal working papers

1. Houghton, J., Steele, C., Sheehan, P. 2006, '[Research Communication Costs in Australia. Emerging Opportunities and Benefits](#)', CSES Working Paper no. 24, CSES, Victoria University, Melbourne.
2. Houghton, J. and Sheehan, P. 2006, '[The Economic Impact of Enhanced Access to Research Findings](#)', CSES Working Paper no. 23, CSES, Victoria University, Melbourne.
3. Sheehan, P., Jones, R. et al. 2006, '[Climate Change and the Global Knowledge Economy: An Immediate Challenge](#)', CSES Climate Change Working Paper no. 11, CSES, Victoria University, Melbourne.
4. Jolley, A. 2006, '[Technologies for Reducing Non-energy Related Emissions](#)', CSES Climate Change Working Paper no. 10, CSES, Victoria University, Melbourne.
5. Jolley, A. 2006, '[The Supply of Fossil Fuels](#)', CSES Climate Change Working Paper no. 9, CSES, Victoria University, Melbourne.
6. Jolley, A. 2006, '[Advanced Technologies Applicable to Fossil Fuels: Cross-cutting Technologies and Carbon Capture/Storage](#)', CSES Climate Change Working Paper no. 8, CSES, Victoria University, Melbourne.
7. Jolley, A. 2006, '[Technologies for Alternative Energy](#)', CSES Climate Change Working Paper no. 8, CSES, Victoria University, Melbourne.
8. Jolley, A. 2006, '[Technologies for Alternative Energy](#)', CSES Climate Change Working Paper no. 7, CSES, Victoria University, Melbourne.
9. Jolley, A. 2006, '[Technologies for Reducing Stationary Energy Use](#)', CSES Climate Change Working Paper no. 6, CSES, Victoria University, Melbourne.
10. Jolley, A. 2006, '[Transport Technologies](#)', CSES Climate Change Working Paper no. 5, CSES, Victoria University, Melbourne.

7. CSES Research Associates

External

1.	Dr Sanjoy Bose	Lecturer and Director Executive Education	Graduate School of Management, Faculty of Law and Management, La Trobe University
2.	Professor Nicolae Bulz	Professor	Ecological University, Bucharest, Romania
3.	Dr Matthew Clarke	Lecturer	School of Social Science and Planning, RMIT University
4.	Dr Hans Lofgren	Lecturer	Politics and Public Policy, Deakin University
5.	Dr K.B. Oh	Senior Lecturer	Graduate School of Management, Faculty of Law and Management, La Trobe University
6.	Dr Sethapong (Paul) Watanapalachaikul		
7.	Dr Sally Weller	Lecturer	Department of Anthropology, Geography and Environmental Studies, University of Melbourne

Internal

1.	Shameem Ali	Lecturer	School of Hospitality, Tourism and Marketing, Faculty of Business and Law
2.	Professor Ray Anderson	Professor	School of Accounting and Finance, Faculty of Business and Law
3.	Associate Professor Anona Armstrong	Director	Centre for International Corporate Governance Research, Faculty of Business and Law
4.	Dr Steve Bakalis	Senior Lecturer	School of Applied Economics, Faculty of Business and Law
5.	John Bentley	Senior Lecturer	School of Information Systems, Faculty of Business and Law
6.	Roberto Bergami	Lecturer	School of Applied Economics, Faculty of Business and Law
7.	Dr Nick Billington	Head	Victoria Graduate School of Business, Faculty of Business and Law
8.	Associate Professor John Breen	Deputy Dean	Office of the Dean, Faculty of Business and Law
9.	Megan Brown	Lecturer	School of Law, Faculty of Business and Law
10.	Dr Richard Chauvel	Senior Lecturer	School of Social Sciences, Faculty of Arts
11.	Dr Michelle Fong	Senior Lecturer	School of Applied Economics, Faculty of Business and Law
12.	Mukesh Garg	Lecturer	School of Accounting and Finance, Faculty of Business and Law
13.	Romana Garma	Lecturer	School of Hospitality, Tourism and Marketing, Faculty of Business and Law
14.	Richard Gough	Lecturer	School of Management, Faculty of Business and Law
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16.	Dr Inka Havrila	Lecturer	School of Applied Economics, Faculty of Business and Law

17. Hikaru Horiguchi	Student, Doctor of Business Administration	Victoria Graduate School of Business, Faculty of Business and Law
18. Dr Kandiah Jegasothy	Lecturer	School of Applied Economics, Faculty of Business and Law
19. Pandora Kay	Lecturer	School of Hospitality, Tourism and Marketing, Faculty of Business and Law
20. Jeffrey Kidd	Senior Lecturer	School of Hospitality, Tourism and Marketing, Faculty of Business and Law
21. Professor Brian King	Head	School of Hospitality, Tourism and Marketing, Faculty of Business and Law
22. Michael Longo	Senior Lecturer	School of Law, Faculty of Business and Law, Faculty of Business and Law
23. Sidney Lung	Lecturer	School of Applied Economics, Faculty of Business and Law
24. Dr Muhammad Mahmood	Senior Lecturer	School of Applied Economics, Faculty of Business and Law
25. Dr Karen Manning	Associate Dean Teaching and Learning	Office of the Dean, Faculty of Business and Law
26. Alex Manzoni	Teacher	School of Business, Hospitality and Personal Services, TAFE
27. Amerta Mardjono	Student, Doctor of Business Administration	Victoria Graduate School of Business, Faculty of Business and Law
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37. Jan Soutar	Lecturer	School of Management, Faculty of Business and Law
38. Michael Spisto	Lecturer	School of Law, Faculty of Business and Law
39. John Tippet	Lecturer	School of Management, Faculty of Business and Law
40. Professor Lindsay Turner	Head	School of Applied Economics, Faculty of Business and Law
41. Dr Chau Jo Vu	Lecturer	School of Applied Economics, Faculty of Business

		and Law
42. Margaret Wang	Lecturer	School of Law, Faculty of Business and Law
43. Dr Despina Whitefield	Lecturer	School of Accounting and Finance, Faculty of Business and Law
44. Dr Guneratne Wickremasinghe	Lecturer	School of Accounting and Finance, Faculty of Business and Law
45. Ruth Williams	Lecturer	School of Applied Economics, Faculty of Business and Law
46. Dr Victoria Jane Wise	Senior Lecturer	School of Accounting and Finance, Faculty of Business and Law
47. Professor David Worland	Honorary Professor	School of Management, Faculty of Business and Law
48. Bruno Zeller	Senior Lecturer	School of Law, Faculty of Business and Law, Faculty of Business and Law
49. Ming Zhou	Lecturer	School of Law, Faculty of Business and Law, Faculty of Business and Law
