

CENTRE FOR STRATEGIC
ECONOMIC STUDIES

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1. Introduction

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. The Centre has also built a strong program in research training at the doctoral level, with more than twenty students being supervised for the PhD and DBA degrees at any one time.

The Centre's mission 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 them;
- 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.

Many of the issues that face policy makers today stem from the fundamental changes that have taken place in the world economy over the past three decades. A range of interrelated factors – such as the emergence of successive waves of new information technologies, sustained policies to open up the world economy, the historic emergence to rapid growth of China, India and other developing countries, rapid technological change in health and other areas, the recognition of serious threats to the environment and the ongoing shift to a services economy – have reshaped the global economic landscape. These changes, sometimes referred to as the emergence of the global knowledge economy, affect every community, region and nation, and no firm or industry is immune from their impact. For policy makers they create a dual challenge: of understanding how these forces shape specific issues that arise within their jurisdiction, and of developing and implementing policies that are effective in this new context.

The Centre's vision is to build within Victoria University a centre of international scale and quality for the study of key issues arising from these processes of rapid economic and technological change. While drawing on strong theoretical and empirical foundations in economics, the research is intended to have a special relevance to policy formulation and implementation in relevant areas. The specific areas of application are Australia and the countries of our region, especially China, India, Indonesia and Vietnam, but a focus on the USA and Europe is often necessary to understand the global nature of the issue in question. The approach is primarily economic, although the interdisciplinary nature of the skill sets required to deal such interlinked issues is explicitly recognised.

The Centre has chosen to build a capability to:

- concentrate on the four areas designated below and on the linkages between them; and
- emphasise an economic approach and to build primarily economic capability, with support from other disciplines as necessary in any of the four areas.

The year 2010 was a year of further steady progress towards achieving this goal and building this capacity, and thereby improving the competitive position of the Centre. But while we are confident that such underlying progress was made – with a wide range of quality research being undertaken, on important issues and with good linkages to strong partners in Australia and overseas – this progress was not reflected in some of the key output measures. These issues are discussed further in the body of this report.

1.1 Four areas of focus

The Centre has continued to refine and redefine its key areas of interest, to reflect the changing intellectual context and to better identify the issues on which it can make a contribution. There are now four core areas of focus, noted below.

Growth and development: For a long time, development and growth have been seen primarily as industrialisation, and hence as the increased production of goods. But the focus on goods has had several adverse consequences – such as environment degradation, rising greenhouse gas emissions, low levels of investment in health innovation and other welfare enhancing services, persistent and rising inequality – in many countries. The issue of the nature, structure and measurement of growth and development – in the sense of a sustainable increase in human welfare – emerges as a key issue. There is now an extensive theoretical and empirical literature on many aspects of this question, and it is a central focus of the Centre's work, emerging as important for many different issues in different countries.

Innovation: It is widely accepted that development is driven by knowledge, and by the incorporation of that knowledge in goods and services, that is by innovation. Innovation has been fundamental to the development of the global knowledge economy. The new technologies, especially ICT, have been important enablers and the Centre's early work on emerging technologies was informed by these developments. Later work has examined the impact of nanotechnology and biotechnology, not only as separate knowledge bases, but also to consider the enhanced value at the point of their convergence. Each of these technologies can be considered to be general purpose technologies and therefore fundamental to the development of the modern economy. Our work has built on these foundations and the modern theory of the firm to draw out the implications for commercialisation, business strategies and business models of technology firms.

Sustainability: For growth to constitute development it must be sustainable, in the sense of generating a sustainable increase in human welfare per capita. It is beyond doubt that modern patterns of growth raise important issues of sustainability, particularly in terms of the environment and climate change but in other dimensions as well. The Centre's work on climate change mitigation has focused on three specific factors – the role of China and other emerging economies as the main sources of further increases in emissions, the need for sharp changes in development strategies if these increases in emissions are to be contained and the pivotal role of new technologies in reducing emissions in both developed and developing countries. Both for Australia and China our work has had a major emphasis on policy implementation, that is on the design of policies likely to be effective in the specific circumstances of each country, and on the conditions for effective implementation of those policies.

Regional and human impacts: Globalisation has redefined the conduct of economic activities across geographic space, by highlighting their much increased integration. Krugman and others have argued for the insertion of geography into classical trade theory, giving it new found relevance. Developments in economic geography, such as analysing the implications for location of economic activity of scale economies and agglomeration, have changed the way we think about regional economics. Agglomeration economies favour concentration, which generates spatial inequalities in economic activity levels and the development of large high density cities. Reduced transport and information costs act however to reduce the cost of economic integration, facilitating complex supply chains for goods production and assembly. While different forces have different effects, the bottom line is that rapid global economic and technological change has had very diverse impacts on regions and communities, and as a result diverse impacts at the human level. Work at the Centre seeks to understand some of these impacts, and the policies which would be appropriate to address them.

1.2 Core areas of economic expertise

In addressing these four inter-related areas of interest, the Centre has sought to develop the following core areas of economic expertise:

- macroeconomic, labour market, growth and development;
- innovation and technology assessment (health/biomedical, ICT, energy and clean technology);
- relevant aspects of energy, climate and health economics;
- social economics and issues of distribution and poverty; and
- regional economics and analysis, including fiscal federalism and governance.

The areas of core economic expertise are supported as required by expertise from other related disciplines, such as economic geography and climate modelling.

1.3. Summary: External research income and performance indicators

As noted above, 2010 was one of further sound progress in developing the Centre's capability and quality, the key performance indicators were mixed. Relevant indicators are summarised in Tables 1.1 and 1.2 and Chart 1.1.

External research income is a key focus for the Centre. While a proportion is sourced from competitive grants, a large proportion comes from contract research for a client base that ranges from CRC's to government departments and industry. As the Centre develops there is a continuing tension between the demands of building a high quality research base and those of identifying and carrying out a large volume of funded contract research. Considerable effort is being put into attracting competitive grants, with welcome support from the Faculty's Research Facilitation Unit. The ongoing efforts to increase the volume and quality of journal articles published should also improve the Centre's competitive grant performance in the medium term.

Table 1.1 CSES summary of key performance indicators, 2001-2011

Year	Ext. Research Income ('000)	Publications (HERDC pts) (a) (c)	Research Staff (FTE)	Research Students (b) (FTE)	Research Student Completions (b)
2001	838	17.8	7.5	17.5	2
2002	923	14.8	8.7	17.5	2
2003	1227	20	8.3	12.5	3
2004	1122	18.3	8.8	12.8	5
2005	1157	39.5	10.0	20.5	2
2006	1049	32.8	10.6	23.0	1
2007	752	45.3	14.7	25.0	3
2008	1386	35.8	15.7	20.2	5
2009	1576	49.2	19.1	23.0	5
2010	1290	58.1	18.2	23.8	5
2011 (est.)	2000	70.0	20	27.0	7

Notes: (a) 1998-2010 source is VU Office for Research, 2011 source is CSES estimates.

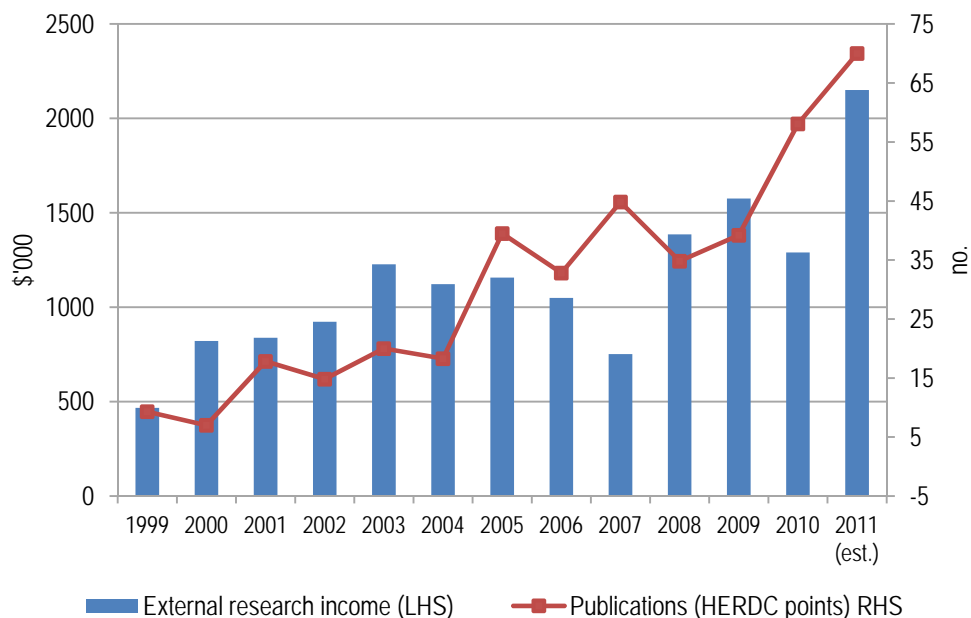
(b) Includes PhD and DBA supervision.

(c) Does not include CSES Research Associates.

The number of CSES publications continued to increase in 2010 in terms of HERDC points, but the number of journal articles published grew marginally. The average quality of those articles, at least as represented by the journal rankings, also fell in 2010 relative to 2009, reflecting a spike in the number of publications in C ranked journals. Given the long lags involved, these publications represent research

and publications planning of some years earlier, and the data for 2011 reflect more accurately the Centre's emphasis on improved quality – the total number of A*, A and B journal articles published in 2011 will be more than twice those in 2010.

Chart 1.1 CSES external research income and publications, 1998-2011



Research by PhD and DBA students, and the supervision of that research, continues to be a central element of the Centre's activities. There were five PhD/DBA completions in 2010, and it is expected that that number will increase to seven in 2011.

Table 1.2 Measured quality of CSES refereed journal articles, 2004 to June 2011

Ranking	2005	2006	2007	2008	2009	2010	2011 (est. to 06/11)
ISI ranked	2	-	8	7	11	5	10
ERA Ranked	8	4	20	12	23	22	21
A	2	-	5	5	8	5	7 [#]
B	4	2	8	4	10	4	11
C	2	2	7	3	5	13	3
Average ERA ranking*	3.0	2.0	2.8	3.3	3.261	2.273	3.381
HERDC points	8.5	6.2	23	12.56	24.52	24.5	16.08
Total number of articles	11	8	28	20	29	27	23

Note: *The average ranking measure is calculated by assigning 5 points for an A ranked paper, 3 for a B ranking and 1 for a C ranking, and calculating the average across papers.

**2003-2008 ranked with draft 2008 ERA list at <http://research.vu.edu.au/ordsite/management/ERArankings.xls>; 2009-2011 ranked with final ARC ERA list released March 2010.

[#]- Includes one A* ranked article.

2. Income

2.1 External research income (according to DIISR categories)

In 2010 the Centre received \$301,000 in ARC funds from three Linkage Grants, plus industry partner contributions. One led by Assoc Professor Danny Ben Moshe is studying Australian diasporas and the 'brain gain'. Professors Jimmy Tran and Peter Sheehan, together with Dr Lich of the Vietnam Institute of Trade are investigating the regional impact of China's exports to East Asia. Dr Sally Weller, with colleagues from Monash and the University of Sydney, is studying the destinations of exiting farm families.

As in the previous years, health related research provided an important foundation, generating funding of about \$387,000. The core of expertise developed within the Centre on health and the pharmaceutical industry attracts a range of projects from a number of funding sources. This includes a series of projects for Medicines Australia on the PBS and continued work on a major report for the APEC Life Sciences Innovation Forum, with a major new international project *Strains in the Global Biomedical Innovation System* getting under way.

Professor Houghton's ongoing work on the benefits of 'open access' for research publications, continues to attract international attention. Following the release of the report commissioned by the Joint Information Systems Committee (JISC) in the UK, Prof. Houghton has completed in 2010 similar studies for Germany (with DfG), Netherlands (with the SURF Foundation), Denmark (with DEFF) and the US (with SPARC). Research income from these projects totalled about \$171,000 in 2010.

Major components of the Centre's ongoing work are in climate change mitigation and adaptation, and on energy use and economic change in China, including a joint project with the Chinese Energy Research Institute (ERI) on *More Sustainable Energy Use in China: Economic Structure and the Application of New Technologies*. The major disappointment for 2010 was the limited funding obtained for these projects in the year. This reflected delays in the development of project materials and changing priorities of potential funders, and was also influenced by elections and government changes at both the Australian and Victorian levels.

Table 2.1 External research income and income from the University 2010 (\$'000)

CSES Income	2010
University Internal Income	1,373
External Grants (ARC)	301
Other External Research Income	989
Total Income	2,663

2.2 Expenditure on infrastructure

The total expenditure on direct infrastructure – data, publications, software and equipment – within the Centre in 2010 is detailed below. The table excludes the personnel component of infrastructure expenditure. As in previous years, CSES investment in information sources is a significant cost item. This includes access to some large international databases, which are routine for well-funded research units overseas. They are essential to the quality of the Centre's research. In 2010, the Centre received \$38,235 funding from the Research Infrastructure Block Grant (RIBG) towards these costs.

Table 2.2 CSES research infrastructure expenditure, 2009-10 (\$)

	2009	2010
Information resources	38,178	63,927
Computer equipment	12,398	15,176
Computer software	25,600	5,359
Total	76,176	84,462

2.3 Income from the University

Table 2.1 includes income from the University totalling \$1,373,000. Table 2.3 below presents the details of this income. The University receives substantial income from the Australian Government as a result of the outcomes (research income, publications, graduate teaching and doctoral completions), and a share of that income is provided to the Centre under standard University-wide arrangements. The Centre also receives funding from teaching from fee-paying students, as well as a generous annual grant from the Faculty of Business and Law. As shown in Table 2.3, excluding the PRIP funding, receipts from University sources totalled \$723,000.

Table 2.3 CSES income from the University, 2010 (\$)

	2010
PRIP	650,000
Teaching & Training	255,423
RIBG	38,235
FOBL Support	100,000
VU Research Support	90,032
Directors Payment	86,712
Faculty Research Incentive Scheme	76,185
Research Development Grants Scheme	29,610
Reports for the University	33,500
Near Miss Grant	10,000
Other	3,351
Total	1,373,048

3. Outputs

Although the Centre has placed an increasing emphasis on high quality refereed journal publications, much of the output of the Centre is in the form of research reports written under contract for various agencies, as well as publications in books and conference presentations. The income from contract research helps to support those outputs that count as such for DEST purposes (e.g. refereed publications and supervision of PhD students). Section 3.1 presents 2 tables with details of number and types of publications with HERDC points per type for 2010 and by type of publication, and HERDC total points per year for the years 2003 to June 2011. Section 3.2 presents refereed journal articles with their ranking. A full list of all CSES publications and research activities are presented in the Appendix.

3.1 CSES total weighted DIISR publications 2010

Table 3.1 Number of CSES publications and HERDC points, 2010

Type of publication	Number	HERDC points (est.)
Books	5	25.00
Chapters in books	4	3.33
Journal articles, refereed	27	24.50
Conference papers, refereed	6	5.25
TOTAL points		58.08

Notes: Detailed list of journal articles is in Section 3.2 following. For other categories, see Appendix.
Source: OfR.

Table 3.2 CSES publications, by type, 2003 to June 2011

Number	2003	2004	2005	2006	2007	2008	2009	2010	2011 (to 06/11)*
HERDC category									
Books	2	1	3	3	3	4	2	5	2
Book chapters	7	1	4	8	4	7	4	4	11
Journal articles	9	12	11	8	28	20	29	27	23
Refereed conference papers	0	5	11	17	6	13	16	5	2
Invited conference papers and presentations	11	25	15	25	31	25	17	10	TBC
Research reports	13	14	16	17	12	15	17	12	TBC
Total HERDC points	20	18.3	39.8	33.8	45.3	35.75	39.21	58.1	70.0 (yearly est.)

Note: *Data for 2011 is CSES estimates of HERDC categories and points.
Source: 2003-2010 is from OfR. 2011 is CSES estimates.

3.2 Evidence of strong quality dimension within the published output

Table 3.3 below provides details of the quality dimension of CSES refereed journal articles for 2010. HERDC points, ISI ranking and ERA rankings are also given.

Table 3.3 Journal articles refereed (HERD category), 2010

Article details	HERDC points	ISI Impact Factor	ERA Ranking
1. Ahmed, A.D. 2010, 'Financial liberalization, financial development and growth linkages in Sub-Saharan African countries: An empirical investigation', <i>Studies in Economics and Finance</i> , vol. 27, no. 4, pp. 314-339. ISSN 1086-7376.	1	-	B
2. AlSaqri, S. and Ahmed, A.D. 2010, 'Mineral and non-mineral sector interdependency: Empirical evidence from Oman', <i>ICFAI Journal of Applied Economics</i> , vol. 9, no. 2, April, pp. 14-33. ISSN 0972-6861. http://ideas.repec.org/a/icf/icfjae/v09y2010i2p14-33.html	1	-	C
3. Austin, J., Zhang, L., Jones, R.N. , Durack, P., Dawes, W. and Hairsine, P. 2010, 'Climate change impact on water and salt balances: An assessment of the impact of climate change on catchment salt and water balances in the Murray-Darling Basin, Australia', <i>Climatic Change</i> , 10.1007/s10584-009-9714-z. ISSN 0165-0009.	0.17	3.635	A
4. Bowden, M. and Doughney, J. 2010, 'Socio-economic status, cultural diversity and the aspirations of secondary students in the western suburbs of Melbourne, Australia', <i>Higher Education: The International Journal of Higher Education and Educational Planning</i> , vol. 59, no. 1, pp. 115-129. ISSN 0018-1560.	1	-	A
5. Bulz, N. 2010, 'A dual challenge for the complexity: The adaptation of both complex entities: The science and the (hypothetical) real system', <i>Advances in Systems Science and Applications</i> , vol. 10, no. 2, pp. 261-277.	1	-	-
6. Fforde, A. 2010, 'Re-thinking the analysis of conservative systemic transitions: The Vietnam Case Study', <i>Journal of Communist Studies and Transition Politics</i> , March. ISSN 1352-3279.	1	-	C
7. Fforde, A. 2010, 'Responses to the policy science problem: Reflections on the politics of development', <i>Development in Practice</i> , 20 April. ISSN 0961-4524.	1	-	C
8. Fforde, A. 2010, 'Vietnam: Water Policy Dynamics under a Post-Cold War Communism', <i>Water Alternatives</i> , vol. 3, no. 3, pp. 552-574. ISSN 1965-0175.	1	-	-
9. Grewal, B.S. 2010, 'Incomplete contracts and the evolution of Canadian federalism', <i>Public Finance and Management</i> , vol. 10, no. 1. ISSN 1523-9721.	1	-	B
10. Houghton, J.W. and Oppenheim, C. 2010, 'The economic implications of alternative publishing models', <i>Prometheus</i> , vol. 28, no. 1, pp. 41-54. ISSN 0810-9028.	0.5	-	C
11. Houghton, J.W. 2010, 'Economic implications of alternative publishing models: Self-archiving and repositories', <i>Liber Quarterly</i> , vol. 19, nos 3/4, pp. 275-292. ISSN 1435-5205.	1	-	C
12. Lichtenberg, F. 2010, 'The effect of drug vintage on survival: Micro evidence from Puerto Rico's Medicaid program', <i>Advances in Health Economics and Health Services Research</i> , vol. 22, pp. 273-292. ISSN: 0731-2199.	1	-	-

13. Lichtenberg, F. 2010, 'Pharmaceutical price discrimination and social welfare', <i>Capitalism and Society</i> , vol. 1, no. 5, Article 2, DOI: 10.2202/1932-0213.1066. ISSN 1932-0213.	1	-	C
14. Lichtenberg, F. 2010, 'Are increasing 5-year survival rates evidence of success against cancer? A re-examination using data from the U.S. and Australia', <i>Forum for Health Economics and Policy</i> , vol. 13, no. 2, pp. 1-16. ISSN 1558-9544.	1	-	C
15. Liddle, B. 2010, Demographic influences on economic resiliency: Revisiting the developing country growth collapse of the 1970s and 1980', <i>Journal of International Development</i> , DOI: 10.1002/jid.1670. ISSN 0954-1748.	1	-	B
16. Liddle, B. and Lung, S. 2010, 'Age-structure, urbanization and climate change in developed countries: Revisiting STIRPAT for disaggregated population and consumption-related environmental impacts', <i>Population and Environment</i> , vol. 31, no. 5. pp. 314-343. ISSN 0199-0039.	0.5	0.879	A
17. Liddle, B. 2010, 'Revisiting world energy intensity convergence for regional differences', <i>Applied Energy</i> , vol. 87, pp. 3218-3225. ISSN 0306-2619.	1	2.209	A
18. Jones, R.N. 2010, 'North Central Victorian Climate: Past, Present and Future', <i>Proceedings of the Royal Society of Victoria</i> , vol. 122, no. 2, pp. 147-160. ISSN 0035-9211.	1	-	C
19. Rusydi, M. and Islam, S. 2010, 'Exchange rate determination: Market models and empirical evidence for the 1990-2000 period from emerging financial markets: The case of Indonesia', <i>International Journal of Monetary Economics and Finance</i> , vol. 3, no. 2, pp. 159-176. ISSN 1752-0479.	1	-	C
20. Syurkani, I. and Ahmed, A.D. 2010, 'Inflation expectations and monetary policy rules: Findings from the Indonesian economy', <i>ICFAI Journal of Monetary Economics</i> , vol. 8, no. 1&2, pp. 23-44. ISSN 0972-9291.	1	-	C
21. Damrongchai, R., Johnston, R. and Tegart, G. 2010, 'The impact of foresight studies on human healthcare in the post-genomic era', <i>International Journal of Foresight and Innovation Policy</i> , vol. 6, nos 1-3, pp. 151-165.	0.33	-	C
22. Tran Van Hoa 2009, 'Impact of official development assistance on developing Asia's growth: A substantive econometric study for policy analysis', <i>Journal of Quantitative Economics (India)</i> , vol. 7, no. 2, pp. 120-133. (Published 2010).	1	-	C
23. Tran Van Hoa 2010, 'Impact of the WTO membership, regional economic integration and structural change on China's trade and growth', <i>Review of Development Economics</i> , vol. 14, no. 3, pp. 577-591. ISSN 1363-6669.	1	0.635	B
24. Tran Van Hoa 2009, 'Impact of oil, crises and economic integration on growth: A causal analysis of the Gulf-ASEAN economies', <i>International Economics Studies</i> , (Iran), vol. 34, no. 1 (New Issue), pp. 7-18. (Published 2010).	1	-	C
25. Tran Van Hoa 2010, 'Development and corruption in Asia: A substantive econometric analysis for policy uses', <i>National Anti-corruption Journal (Thailand)</i> , vol. 3, no. 2, pp. 158-163.	1	-	-
26. Tran Van Hoa and Tang Zongmin 2010, 'The global financial crisis, economic integration and China's exports: A causal and predictive analysis', <i>International Journal of Business and Development Studies (Iran)</i> , vol. 2, no. 1, pp. 3-26.	0.5	-	-
TOTAL HERDC POINTS – Journal articles	24.5		

Note: ISI impact factor is from 2010 edition of ISI Journal Citation Reports. ERA ranking is from ARC 2010 list.

3.3 Number of PhD completions 2010

Three PhD and two DBA theses were completed in 2010, with four PhD and three DBA theses submitted in 2011.

Table 3.4 PhD and DBA completions, 2009 to present

Student	Thesis title	Supervisor	Date classified
2009			
Pham Quynh Anh PhD	<i>Industrialization in Vietnam: An Analysis of Manufacturing Competitiveness and Policy Alternatives</i>	Peter Sheehan	15/12/2009
TriDung Lam PhD	<i>Trade and Economic Growth in Vietnam after Doi-Moi: A Comparative Study with the ASEAN-4</i>	Peter Sheehan	15/12/2009
Prabodh Malhotra PhD	<i>Pharmaceutical Industry and Public Health in Developing Countries: A Comparison Study of India and China</i>	Bhajan Grewal	15/12/2009
Bruce Rasmussen PhD	<i>Creating and Capturing Value in the Biopharmaceutical Sector</i>	Peter Sheehan	24/08/2009
Ibrahim Al-Rahbi DBA	<i>An Empirical Study of the Key Knowledge Economy Factors for Sustainable Economic Development in Oman</i>	Bhajan Grewal	18/02/2009
2010			
Said Al-Saqri PhD	<i>Petroleum Resource, Linkages and Development: The Case of Oman</i>	Peter Sheehan	13/12/2010
Syurkani Syurkani PhD	<i>Inflation Dynamics and Monetary Policy in Indonesia</i>	Peter Sheehan	25/10/2010
Thanet Wattanakul PhD	<i>Thailand's Openness and Implications for Economic and Trade Policy: An Econometric Study</i>	Tran Van Hoa	13/12/2010
Rodney Con Foo DBA	<i>SME Exit and the Role of Risk and Uncertainty</i>	Sardar Islam	9/11/2010
Socrates Karagiannidis DBA	<i>Mergers and Acquisitions in Australia: Reasons and Timing</i>	Peter Sheehan	25/10/2010
2011 (est.)			
Helena Grunfeld PhD	<i>Innovative Models for Telecommunications Network Deployment in Developing Countries</i>	John Houghton	Submitted
Thi Thanh Van Hoang PhD	<i>Urban Planning and the Place Marketing Model: An Application to Cities and Provinces in Viet Nam</i>	Peter Sheehan	Submitted
Baliira Kalyebara PhD	<i>Corporate Governance, Capital Markets and Capital Budgeting: A New Integrated Approach to Investment Appraisal</i>	Sardar Islam	Submitted
Valerie McGown PhD	<i>The Effectiveness of Quality Control Systems in Australia and Japan: A Comparative Analysis</i>	Peter Sheehan	Submitted
Kumudini Heenetigala DBA	<i>Corporate Governance Practices and Firm Performance of Listed Companies in Sri Lanka</i>	Sardar Islam	Submitted
Hong Hoa Pham DBA	<i>Managing Local Responsiveness Strategy-Structure in Emerging Markets: An Exploratory Study of Multinational Corporation Subsidiaries in Vietnam</i>	Sardar Islam	Submitted
Alexander Bradilovich DBA	<i>Converting Tacit Intellectual Capital into Explicit Organisational Capital in Medium Sized Organisations: An ERP Approach</i>	Sardar Islam	Submitted

Note: A PhD completion occurs when the council classification occurs and a bound thesis is lodged with the Office for Postgraduate Research.

3.4 List of technology transfer activities

Table 3.5 Technology transfer activities, 2010

Conference papers refereed and published	5
Conference presentations and workshops (not included above)*	14
Conference papers and presentations invited (not included above)	18
External seminars	4
Research reports	13
CSES workshops	1
CSES conferences	1
CSES seminars (incl. 3 external speakers)	13

Note: See Appendix for details.

*Includes 1 workshop.

4. Staff

The Centre has over a period of years built a small but highly qualified team, capable of producing high quality research outputs in the four core areas of expertise, 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. Along with the appointment of Prof. Frank Lichtenberg of Columbia University, New York as an Adjunct Professor in 2006, Dr Sally Weller and Dr Brant Liddle, were both appointed as Senior Research Fellows in 2007 from funding provided by PRIP. In 2008 Dr Andrew Van Hulst from the University of Melbourne and Dr Alex English from the Chinese University of Hong Kong joined the staff, as University postdoctoral fellows. In 2009 Prof. Bob Gregory and Dr Roger Jones (from ANU and CSIRO respectively) joined the Centre. In 2010, Associate Professor Danny Ben Moshe joined CSES.

4.1 Staff holding research grants or research contracts in 2010

Table 4.1 Staff holding research grants, 2010

Danny Ben Moshe	Joanne Pyke
Bob Gregory	Bruce Rasmussen
Bhajan Grewal	Peter Sheehan
John Houghton	Kim Sweeny
Roger Jones	Andrew Van Hulst
Frank Lichtenberg	Tran Van Hoa
Neelam Maharaj	Sally Weller
George Messinis	Alison Welsh

4.2. Visiting fellows

Professor Paul Chung, Associate Dean (Research), Faculty of Science & Director, Research School of Informatics, Loughborough University, UK visited the CSES from 2-4 June 2010. He presented a seminar on 3 June titled Cross-Organisation Workflow: Opportunities and Challenges. Business processes are at the core of productivity for an organisation. They control and describe how business is conducted in terms of activities and the order in which they need to be carried out. They also specify the role of agents, the information that they require and produce. Workflow management system (WfMS) was created to tackle the issue of business process automation and is proven, to date, as a mature technology. Although WfMSs work well with well-defined, stable processes within individual organisations, they are limited in terms of support for dynamic processes and cross-organisation collaboration. This talk will explore some of the limitations related to current technologies, such as compliance, compatibility and inter-operability. Potential solutions are proposed.

After obtaining his bachelor degree (First Class Honours) in Computing Science from Imperial College in 1981 Paul went on to study for his PhD in Artificial Intelligence in the Department of Artificial Intelligence, University of Edinburgh. In 1984 he joined the Artificial Intelligence Applications Institute at the University of Edinburgh.

He joined Loughborough University in 1991 as British Gas-Royal Academy of Engineering Senior Research Fellow. He was appointed Professor of Computer Science in 1999 and was the Head of the Department of Computer Science from 2004 to 2008. He is currently the Associate Dean (Research) of the Science Faculty and the Director of the Research School of Informatics at Loughborough University.

Paul's main research interest is in applying advanced computing techniques to solve novel complex problems that are not amenable to numerical solutions. He has successfully supervised 22 doctorate students and has published around 200 papers.

4.3 Number of equivalent full-time research staff, 2010

Table 4.2 FTE research staff, 2010

Ahmed Abdullahi	1
Danny Ben-Moshe	0.5
Alex English	1
Adam Fforde	0.2
Robert Gregory	0.5
Bhajan Grewal	0.6
John Houghton	1
Sardar M.N. Islam	1
Roger Jones	1
Frank Lichtenberg	0.25
Brant Liddle	1
Neelam Maharaj	0.4
George Messinis	1
Dana Nicolau	0.6
Stephen Parker	1
Joanne Pyke	0.5
Bruce Rasmussen	1
Peter J. Sheehan	1
Kim Sweeny	1
Tran Van Hoa	0.6
Andrew van Hulst	1
Sally Weller	1
Alison Welsh	1
TOTAL FTE	18.15

4.4 Number of internal seminars and workshops

The Centre ran a very successful seminar series in 2010, organized by Andrew van Hulst. We had many external visitors attending. *Thirteen seminars* were held during the year, 10 were held by CSES members and 3 of them were held by external speakers. See Appendix for details.

5. Students

5.1 Number of equivalent full-time research students (including DBAs) supervised by CSES staff, 2010

Table 5.1 PhD and DBA students, 2010 (FTE)

PHD student name	Thesis title	Supervisor	Co-supervisor	FTE
1. Abd Ghani, Judhiana	Market Preserving Federalism: Implication for Malaysia	Bhajan Grewal	Peter Sheehan	1
2. Adhariani, Desi	Incorporating the Ethics of Care in a Financial Management Optimization Model	Sardar Islam		1
3. Brumby, Jim	Fiscal Space and Budgetary Management	Bhajan Grewal		0.5
4. Grierson, Maxine	The Vietnamese Diaspora in Australia	Danny Ben-Moshe		1
5. Grunfeld, Helena	Innovative Models for Telecommunications Network Deployment in Developing Countries	John Houghton	Peter Sheehan	0.5
6. Hidayatie, Estly Purwadiani	The Impact of the Global Financial Crisis and Economic Integration on Indonesia's Agricultural Growth: An Econometric Study	Tran Van Hoa	Abdullahi Ahmed	1
7. Hoang, Thi Thanh Van	Strategic Market Planning for Second-Tier Cities: An Application to Vietnam	Peter Sheehan	Tran Van Hoa	1
8. Hurley, Kathleen	To what extent is Melbourne's transformation an outcome of globalization?"	Peter Sheehan	Bruce Rasmussen	0.5*
9. Hussin, Baharuddin Muhammad	Dynamic Behaviour of Earnings and Capital Market Responses (Volatility and Anomaly): A Risk Management Perspective	Sardar Islam	Abdullahi Ahmed	1
10. Kalyebara, Baliira	Using Expected Value of Perfect Information to Improve Capital Budgeting Decision Making	Sardar Islam		0.5
11. Lou, Xiaocui (Catherine)	Optimization Modeling in Supply Chain Management integrated with Finance	Sardar Islam	Wei Dai	1
12. McGown, Valerie	The Effectiveness of Quality Control Systems in Australia and Japan: A Comparative Analysis	Peter Sheehan		0.5
13. Mohd Nor, Safwan	Stock Return Prediction and Trading Strategies: A Fusion Analysis Including Accounting and Corporate Governance Practices Using Artificial Neural Networks	Sardar Islam	G. Wickremasinghe	1
14. Morgan, Kevin	Capital Investment in Broadband Infrastructure	Peter Sheehan		1
15. Mukhtar, Ahmad	Pharmaceuticals Pricing under Compulsory Licensing	Peter Sheehan	Kim Sweeny	0.5
16. Nuryanah, Siti	Capital Markets, Accounting Irregularities and Corporate Governance	Sardar Islam	Anona Armstrong	1
17. Parker, Stephen	A Study of Renewable Energy and Emissions Policy	Peter Sheehan	Brantley Liddle	1
18. Sarun, Anuar	Corporate Governance, Risk Management, Business and Political Factors and Earnings Quality in Malaysia	Sardar Islam	Peter Sheehan	1
19. Symons, John	Corporate Climate Change Risk Management: An Investment Decision Model	Sardar Islam	Peter Sheehan	1
20. Syurkani, Syurkani	Inflation Dynamics and Monetary Policy in Indonesia	Peter Sheehan	Bhajan Grewal	1
21. Setiyono, Wisnu	Agency Cost, Risk Management and Corporate Governance Mechanism: Evidence for Indonesian Firms	Sardar Islam	Peter Sheehan	0.5*
TOTAL PHDs FTE				19.5

Note: *Student commenced FT in Semester 2, 2010, so counted as FTE 0.5 for the year 2010.

DBA student name	Thesis title	Supervisor	Co-supervisor	FTE
1. Bradilovich, Aleksander	The Transfer of Tacit Intellectual Capital into Explicit Organisational Capital in Medium-sized Organisations: An ERP Approach	Sardar Islam	Peter Sheehan	0.5
2. Borromeo, John	An Investigation of Anomalies on Two ASX Sub-Indices: Consumer Staples and Consumer Discretionary	Sardar Islam	Peter Sheehan	0.5
3. Con Foo, Rodney	SME Exit and the Role of Risk and Uncertainty	Sardar Islam	John Breen	0.25*
4. Ghofar, Abdul	The Effect of Strategy on the Relationship Between Corporate	Sardar Islam		1
5. Gonzalez, Victoria	Accounting Information, Corporate Governance and Firm Performance: An Econometric Study	Sardar Islam	Colin Clark	0.5
6. Heenetigala, Kumudini	Board Leadership, Corporate Governance and Firm Performance	Sardar Islam	Anona Armstrong	0.5
7. Kobkitpanichpol, Surayouth	Accounting Information and Financial Reporting in Small and Medium Enterprise Sector in Thailand	Sardar Islam		1
8. Marks, Julian	Improving Systemic Stability and Efficiency in the Australian Financial Sector via Regulatory Enhancements to Risk Management and Corporate Governance	Sardar Islam		0.5
9. Pham, Hong Hoa	A Model of Strategic Marketing Adaptation and Performance of Multinational Corporation Subsidiaries in Vietnam: An Empirical Investigation	Sardar Islam	Anne-Marie Hede	0.5**
10. Then, Shaw	Auditing and Market Valuation of Stocks	Sardar Islam	Alex Manzoni	0.5
11. Wardley, Neale	Effectiveness of Tradable Emissions Permits in the Abatement of Greenhouse Gases	Peter Sheehan	Abdullahi Ahmed	0.5
TOTAL DBAs FTE				6.25

Note: *Part-time and only Semester 1, 2010.

**Full-time and leave of absence Semester 1, 2010.

5.2 PhD and DBA completions, since 2008

Table 5.2 Research student completions, 2008-2010

Year	PhD completions	DBA completions	Total
2008	3	2	5
2009	4	1	5
2010	3	2	5
2011 (est.)	4	3	7

Source: FOBL Student Advice Officer.

5.3 Proportion of postgraduate research students employed within 3 months of completion

All CSES PhD students which graduated in 2010 were employed within 3 months of completion.

6. Faculty Involvement

Victoria University embarked in 2009 on a major repositioning of its core teaching and research activities to ensure closer alignment to the changing needs of students, enterprises and communities. The *Making VU* program provides the initial plan and approach for moving the University towards its objectives by 2016. The Centre continued to make a significant contribution to the information base on which this major strategic initiative is founded in 2010, through two projects commissioned by the Vice-Chancellor. At the beginning of 2011 the new Vice-Chancellor (Professor Peter Dawkins) took office, and the Centre has been actively involved, in conjunction with the Faculty, in adjusting our plans to take account of the University's revised mission and vision statement.

6.1 Funds and in-kind contribution

For the calendar year 2010 the Faculty paid \$100,000 to the Centre in terms of general research centre support, and provided a number of other cash and in-kind forms of support, including research incentives, for specific Centre activities. The support provided by many individuals within the management structure of the Faculty, from the Executive Dean down, is greatly appreciated.

6.2 Number of full-time equivalent of Faculty staff attributing work and grants through the Centre

The Centre has a wide variety of linkages with members of staff of other Departments and Centres within the Faculty of Business and Law. In 2010, the CSES has 39 research associates from a variety of departments within the university, the vast majority of which were within the Faculty of Business and Law. It also has 11 research associates from other organisations. See Appendix for the current full list of research associates and their affiliations.

6.3 Listing of other activities demonstrating interaction between Faculty and Centre (and other Faculties)

Supervision

The centre supervised 9 DBA students during 2010.

Teaching

Prof. Sardar Islam has been involved in teaching 1 subject in 2010 in the Doctorate of Business Administration Program (FOBL): Corporate Governance (shared/guest lecture)

Joint doctoral supervision

Prof. Sardar Islam of CSES with Profs Colin Clark, John Breen, Anona Armstrong, Assoc. Prof. Anne-Marie Hede and Dr. Guneratne Wickremasinghe of FOBL.

Dr George Messinis, co-supervisor of Dr Josef Rojter, School of Engineering and Science (2009-2011).

Grant application collaborative activities

Professor Beverly Jackling (FOBL) and Sally Weller (CSES) from Victoria University applied for an ARC Linkage Grant in Round 2 of 2009. Other Chief Investigators were Paul De Lange (RMIT), James Faulconbridge (University of Lancaster) and Graeme Wines (Deakin University). The application was titled 'Globalising the Labour Market for Accountants: Reconciling Employer Demands with the Aspirations of Migrant Professionals'.

Victoria University granted the researchers 'Near Miss' funding of \$19,642 for this application.

7. External Collaboration and Partnerships

7.1 List of long-term (>than 2 years) strategic research collaborations with other research institutions

Table 7.1 Long-term research collaborations

University of Adelaide	Nankai University (PRC)
Australian National University	Peking University (PRC)
Central University of Finance and Economics (CUFE) (PRC)	Pretoria University (South Africa)
Chinese University of Hong Kong	RMIT
Columbia University (US)	Renmin University of China (PRC)
Deakin University	Shanghai Jiaotong University (PRC)
Goethe University Frankfurt (Germany)	La Trobe University
Hong Kong Polytechnic University	Tsinghua University (PRC)
Hong Kong University	University of Lancaster (UK)
Loughborough University (UK)	University of Melbourne
Monash University	University of Cape Town (South Africa)
Nanjing Agricultural University (PRC)	

7.2 List of long-term (> 2 years) strategic research partnerships with external organisations

Table 7.2 Long-term research partnerships

Centre for Multicultural Youth
Office of Multicultural Affairs and Citizenship

Australian Centre for International Agricultural Research (ACIAR)
Adult Multicultural Education Services (AMES) (Vic)
Australian Red Cross
Aereogenesis
APEC (LISF)
Asian Development Bank (Manila)
Asian Development Bank Institute (Japan)
Association for Chinese Economic Studies (Australia)
AusAID
Ausbiotech Ltd
Australia China Business Council
Australian Academy of Technological Sciences and Engineering (AATSE)
Australian Chamber of Commerce and Industry (ACCI)
Australian Computer Society
Australian Vietnamese Women's Welfare Association
Business Council of Australia
Centre for Multicultural Youth Issues
China Institute for Reform and Development (CIRD) (PRC)
Chinese Academy of Social Sciences (CASS)
COASIT Italian Historical Society
Commissioner for Environmental Sustainability (Vic)
Committee for Economic Development of Australia (CEDA)

Council for International Trade and Commerce SA Inc
CRC for Biomedical Imaging Development (CRCBID)
CRC for Rail Innovation
CRC for Spatial Information
CRC for Spatial Information
CSIRO
Danish Agency for Science, Technology and Innovation
Department of Broadband, Communications and the Digital Economy (DBCDE)
Department of Business and Innovation (DBI), Victoria
Department of Climate Change and Energy Efficiency (DCCEE)
Department of Department of Innovation, Industry, Science and Research (DIISR)
Department of Education, Employment and Workplace Relations (DEEWR)
Department of Industry, Tourism and Resources (DITR)
Department of Planning and Community Development (DPCD)
Department of Sustainability and Environment (Vic)
Department of Treasury and Finance (Vic)
EIM Business and Policy (The Netherlands)
Eli Lilly (Australia)
Embassy of the Republic of Macedonia
Energy Matters
Energy Research Institute (PRC)
European Knowledge Exchange
IMS Health
Indira Gandhi Institute of Development Research (IGIDR) (India)
Institute for Human Development (India)
International Poverty Reduction Centre of China (IPRCC) (PRC)
Italian/Australian Welfare and Cultural Centre
Joint Information Systems Committee (JISC) (UK)
LeadWEST (Vic)
Loughborough University (UK)
Medicines Australia
Melbourne Water
Merck Company Foundation (US)
Merck, Sharp and Dohme (Australia)
Ministry of Finance (PRC)
Ministry of Science and Technology (MOST) (PRC)
National Development and Reform Commission (PRC)
National Institute of Accountants
Office of Multicultural Affairs and Citizenship
Organization for Economic Cooperation and Development (OECD)
Origin Energy
Pfizer Pty Ltd
Scholarly Publishing and Academic Resources Coalition (SPARC) (US)
SEEK Ltd
Servier Laboratories (Aust) Pty Ltd
Smart Water Fund (Vic)
SURF Foundation (The Netherlands)
The Danish Electronic Library (DEFF)
The Danish Ministry of Culture
The Deutsche Forschungsgemeinschaft (German Research Foundation) (DFG)
SMERU Research Institute

Toyota
TradeData International
US PhRMA (US)
VCCCAR Victorian Centre for Climate Change Adaptation Research
Victorian Multicultural Commission
Vietnam Institute for Trade (Ministry of Trade) (Hanoi)
Western Alliance for Greenhouse Action (WAGA) (Vic)
World Bank (US)

7.3 Advisory board

The current membership of the Centre's Advisory Board is:

Ms Jane Niall, Department of Business and Innovation, Victoria
Mr Peter Wilson, Australian Human Resources Institute
Mr Geoff Frankish, JBWere Goldman Sachs
Ms Sara Pantzer, Amgen
Dean Faculty of Business and Law (ex officio)
DVC Research and Region (ex officio)

The Advisory Board was not active in 2010.

7.4 Any measures or indicators of esteem

Faculty of Business and Law Award for Excellence in Research and Training 2010

Awarded to Abdullahi Ahmed

VU Researcher Development Grant for 2010

Awarded to: Dr Alex English
Dr Joanne Pyke

Member of learned society

Brant Liddle Member Sigma Xi (The Scientific Research Society)

International Union for the Scientific Study of Population

Reviewers for journal articles

Ahmed, A. 2010, Reviewer of journal article on economic fragility, for *Economic Letters*.

Ahmed, A. 2010, Reviewer of journal article on international financial integration, for *Journal of Economic Studies*.

Ahmed, A. 2010, Reviewer of journal article on finance in Africa, for *Economic Papers*.

English, A. 2010, Review of journal article on environmental performance of FDI, for *Geographical Studies*.

Houghton, J. 2010, Regular peer reviewer for *Information Research*.

- Malhotra, P 2010, Reviewer of journal article on impact of trade on property rights of pharmaceuticals, for the *Journal of Pharmaceutical Sciences*.
- Messinis, G, 2010, Reviewer of journal article on immigrants perceptions for the *Economic Record*.
- Rasmussen, B. 2010, Reviewer of journal article on academic entrepreneurship, for *Research Policy*.
- Rasmussen, B. 2010, Review of journal article on business models, for *Drug Discovery Today*.
- Rasmussen, B. 2010, Reviewer of journal article on absorptive capacity, for *Academy of Management Journal*.
- Tran Van Hoa, 2010, Reviewer of journal articles on Asian economies, for *Journal of Asia-Pacific Economy*.
- Tran Van Hoa 2010, Reviewer of journal articles, for *Applied Statistics*.

Reviewers for funding applications

- Tran Van Hoa 2010, Australian Research Council.
- Weller, S., Australian Research Council.
- Weller, S., United Kingdom Economic and Social Research Council (ESRC).

Editorial duties

Bhajan Grewal	Editorial Board Member	<i>Public Finance and Management</i>
Sardar Islam	Editorial Advisory & Review Board Member	<i>Social and Management Research Journal (SMRJ) (from 2010)</i>
	Editorial Advisory Board Member	<i>Journal of Modelling in Management</i>
	Associate Editor	<i>Asia-Pacific Journal of Accounting and Economics (until 2010)</i>
	Editorial Board Member	<i>International Journal of Monetary Economics and Finance</i>
	Editorial Board Member	<i>Journal of Accounting, Business and Management</i>
	Editorial Board Member	<i>International Jour. of Electronic Customer Relationship Management</i>
Tran Van Hoa	Australia New Zealand Editor	<i>International Journal of Environmental Creation</i>
	Editorial Board Member	<i>International Economics Studies</i>
	Editorial Board Member	<i>International Journal of Business and Development Studies</i>
Brantley Liddle	Editorial Board Member	<i>Journal of Environmental Studies and Sciences (Springer)</i>

Appendix

CSES Funding and Activities 2010

The Centre continued to make 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 2010 listed in the next section.

PROJECTS AND GRANTS RECEIVED – INTERNAL

Victoria University PRIP The CSES was successful in a bid for funding through the Victoria University Priority Research Innovation Program (PRIP) 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, 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.

Funding 2010: \$650,000.

VU RDGS **Chief investigator:** Alex English

Project title: Achieving Carbon Emission Reductions through Energy Efficiency and Increased Distributed Energy Generation: The Search for a New Energy System Paradigm

The Research Development Grant Scheme (RDGS) is a university-wide competitive grants program that funds a 12-month research project of between \$15,000-\$30,000. RDGS projects can include a Mentor Investigator and external Partner Organisations as research collaborators.

Investments in energy efficiency and distributed energy generation mitigate climate change by reducing the demand for conventional coal-fired generation, improving network efficiency, deferring infrastructure expenditure and increasing local power generation (especially during peak energy periods). Through a cross-country comparison, this study investigates different models for addressing the institutional and economic barriers inhibiting energy efficiency and distributed energy generation. Understanding these models, and the contexts in which they work, is a high priority for climate and energy industry analysts, policymakers and economic theorists more broadly, as well as policymakers exploring how best to reduce the carbon intensity of Australia and China's electricity system. Outcomes include A-level journal articles and a larger level-1/2 competitive grant application.

Funding 2010: \$29,610

VU 'Near Miss' Grant **Chief Investigators:** Beverly Jackling (FOBL), Sally Weller (CSES), Paul De Lange (RMIT), James Faulconbridge (University of Lancaster), Graeme Wines (Deakin University).

Project title: Globalising the Labour Market for Accountants: Reconciling Employer Demands with the Aspirations of Migrant Professionals

The VU 'Near Miss' Research Grants Scheme is to permit researchers who just miss out on a significant national competitive research grant to maintain research activity in order to re-submit a stronger application at a later time.

Sally Weller received a 'Near Miss' Grant of \$19,642 for a 2009 ARC Linkage Application Round 2 (LP100200321) of which \$10,350 was granted to Sally Weller. This project addresses serious skill shortages in the accounting profession. It brings together international scholarship on segmented labour markets and on the organisational and cultural transformation of professional service firms to examine how various structures of legal and social regulation (e.g. labour markets, firms' cultures, skilled migration policies and tertiary education policies) have produced this outcome. The project was revised during 2010 and the application resubmitted in the 2010 ARC Linkage Application Round 2 and was successful.

Funding 2010: \$10,350

PROJECTS AND GRANTS RECEIVED – EXTERNAL

ARC LINKAGE
GRANT
(LP0989339)

Chief investigators: Tran Van Hoa and Peter Sheehan (CSES); N Van Lich (Vietnamese Institute of Trade)

Project title: *China's Exports and Growth and Major East Asia Summit Economies: Exploring Regional Impact and Policy Responses*

Funding: 2009: \$100,000; 2010: \$104,142,000; 2011: \$100,000

The project benefits Australia's current long-term economic priorities and engagement with Asia in five ways. It provides: (1) collaborative research with East Asia Summit (EAS) networked experts on topics of mutual interest, (2) a new perspective on the effects of China on EAS4 trade and growth, (3) substantive improved findings on EAS4 economic and trade policy options, (4) significant inputs to analysis, debates and negotiations in the recently proposed EAS free trade agreement (FTA), and (5) useful applications to Australia's similar bilateral FTAs under negotiation (e.g., Australia-Korea and Japan FTAs).

Collaborating partners: Vietnam Ministry of Trade, TradeData International Pty Ltd

Partner funding 2010: TradeData \$20,000

ARC LINKAGE
GRANT
(LP0990297)

Chief investigators: Sally Weller (CSES); W. N. Pritchard (University of Sydney); Margaret Alston (Monash University); M. J. Webber (University of Sydney)

Project title: *Rural Adjustment or Structural Transformation? Discovering the Destinations of Exiting Farm Families*

Funding: 2009: \$55,000; 2010: \$104,142; 2011: \$85,000; 2012: \$80,000; 2013: \$95,000; 2014: \$55,000, and 1 APA(I) Award

The findings of this research will assist local, State and Federal governments to intervene effectively in processes of regional and rural structural adjustment. It will generate economic benefits by recommending policies that facilitate growth and promote sustainable rural businesses while at the same time sheltering rural communities and individual households from adverse outcomes. It will contribute social benefits by identifying policies to improve the outcomes of rural adjustment for families and individuals. The new knowledge it provides will inform the politics of regional change and remove some of the uncertainties that currently impede the implementation of rural adjustment policies.

Collaborating partner: Victorian Government, Department of Treasury and Finance (DTF).

Partner funding 2010: DTF \$50,000

ARC LINKAGE
GRANT
(LP0883920)

Chief investigators: Danny Ben-Moshe (CSES); Graeme Hugo (Univ. Adelaide); Loretta Baldassar (Univ of Western Australia); Therese Joiner (La Trobe Univ); Steve Francis (Centre for Multicultural Youth Issues); Ordan Andreevski (Embassy of the Republic of Macedonia)

Project title: *Australian Diasporas and Brain Gain: Exploring Current and Potential Transnational Linkages*

Funding: 2008: \$55,000; 2009: \$110,000; 2010: \$92,947; 2011: \$32,500; and 1 APA(I) Award

The research will investigate current and potential future roles of diasporas in both Australia and overseas in facilitating trade and investment. The study will examine their political, cultural and kinship ties with homelands and map the geography of seven diasporas in Australia. This will provide new data that describes the character, motivations and movements of diasporas in Australia. Data analysis will determine the current and potential role diaspora play in adding value to Australian society through 'brain gain' and 'circulation' versus 'brain drain'. Findings will inform migration and social policy aimed at maximising benefits of migration.

Collaborating partners: Victorian Multicultural Commission; Australian Vietnamese Women's Welfare Association; Centre for Multicultural Youth Issues; Embassy of the Republic of Macedonia; COASIT Italian Historical Society; Italian/Australian Welfare and Cultural Centre; Council for International Trade and Commerce SA Inc

	<p>Funding 2010: \$26,995</p>
<p>Biomedical Innovation Project</p>	<p>Chief investigators: Bruce Rasmussen, Peter Sheehan, Kim Sweeny, Frank Lichtenberg</p> <p>Project title: Strains in the Global Biomedical Innovation System</p> <p>The project considers a range of factors placing a strain on the biomedical innovation system, which are potentially reducing the number of new drugs available with possible implications for future levels of morbidity and mortality.</p> <p>Funding partners: Dept of Innovation, Industry, Science and Research (DIISR) (Canberra), Ely Lily, SERVIER, IMS Health</p> <p>Funding 2010: \$180,000</p>
<p>APEC LSIF VIII</p>	<p>Chief investigators: Peter Sheehan, Bruce Rasmussen, Kim Sweeny</p> <p>Project title: Investing in the Future: An Assessment of the Returns on Investment in Health Innovations</p> <p>Established by APEC Leaders in 2002, the Life Sciences Innovation Forum (LSIF) has since grown to become APEC's leading initiative on health and health sciences innovation. It is a tripartite forum that engages representatives from the highest levels of government, industry and academia to create the right policy environment for life sciences innovation. Peter Sheehan is Co-chair of the APEC LSIF.</p> <p>CSES has done a series of studies under the auspices of the APEC LSIF, and is progressively building a model to assess the costs and benefits of large scale investment in health innovation in developing countries to address non-communicable diseases (NCDs). The problem of NCDs in developing countries has been raised for some time by WHO and other agencies, and will be the subject of a UN Summit on Non-Communicable Diseases on 19-20 September 2011. This work has been funded by several US companies or agencies, and reported at meetings of LSIF in various countries.</p> <p>Funding partners: Pharmaceutical Research and Manufacturers of America (PhRMA) and Merck Sharpe and Dohme</p> <p>Funding 2010: \$193,600</p>
<p>Western Region Project</p>	<p>Chief investigators: Bruce Rasmussen, Andrew Van Hulst, Neelam Maharaj, with collaboration of Kathleen Hurley (DIIRD)</p> <p>Report title: Updating Melbourne's West</p> <p>This report documents the continuing growth and transition of the Western Region identified in the 2004 report by the CSES 'Investing in Melbourne's West: A Region in Transition' (by Sheehan and Wiseman). It develops strategies that seek to better integrate the Western Region into the knowledge economy.</p> <p>Funding partners: Victorian Department of Industry, Innovation and Regional Development (DIIRD), , Department of Planning and Community Development (DPCD), , Victoria University, which funded the project in 2009 (\$20,000).</p> <p>Funding 2010: \$44,000</p>
<p>SEEK Employment Index</p>	<p>Chief investigators: George Messinis, Peter Sheehan</p> <p>Project title: <i>SEEK Employment Index</i></p> <p>The CSES continues on with a joint research venture which commenced in 2005 with SEEK Limited in developing the SEEK Employment Index. The research team at the 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.</p> <p>Funding partner: SEEK Limited</p> <p>Funding 2010: \$131,000</p>

ICT Project –
DfG

Chief investigator: John Houghton

Project title: Cost Analysis for Scholarly Communication in Germany

Building on previous research in the UK, Netherlands and Denmark, the project brought the German National Licensing Program (NLP) into the mix of alternative scientific publishing and dissemination models and compares the costs and benefits of the NLP with traditional subscription and Open Access publishing models.

The Deutsche Forschungsgemeinschaft (DfG) (German Research Foundation) is the central, self-governing research funding organisation that promotes research at universities and other publicly financed research institutions in Germany. The DfG serves all branches of science and the humanities by funding research projects and facilitating cooperation among researchers.

Funding partner: Frankfurt University

Funding 2010: \$49,500

ICT Project –
DEFF & FI

Chief investigator: John Houghton

Project title: Access to Research and Technical Information Among Small Knowledge-based Firms in Denmark

This project approached the issue of access to research findings from the user perspective by exploring access to and use of academic research among small high-technology firms in Denmark, and estimating the value of academic research to them and the costs of access limitations and barriers.

Danmarks Elektroniske Fag- og Forskningsbibliotek (DEFF) (Denmark's Electronic Research Library) is an organisational and technological partnership between research libraries co-financed by the Ministry of Science, Technology and Innovation, the Ministry of Culture and the Ministry of Education. DEFF's purpose is to advance the development of a network of electronic research libraries that make available their electronic and other information resources to the patrons in a coherent and simple way. FI (Forskning og innovation) is an agency of The Ministry of Science, Technology and Innovation and is responsible for: Research, Information technology (IT), Innovation, Telecommunications, University educations and Internationalisation of education and training in Denmark.

Funding partner: DEFF & FI

Funding 2010: \$43,350

ICT Project –
SPARC

Chief investigator: John Houghton

Project title: Social and Economic Returns on Investment in Open Archiving Publicly Funded

The study sought to outline an approach to measuring the potential impact of the proposed US Federal Research Public Access Act and provide preliminary estimates of the overall economic benefits of mandating Open Access to the findings of publicly funded research in the same way as is now done for the US National Institutes of Health (NIH).

Scholarly Publishing and Academic Resources Coalition (SPARC), Washington DC is an international alliance of academic and research libraries working to correct imbalances in the scholarly publishing system. Developed by the Association of Research Libraries, SPARC has become a catalyst for change. Its pragmatic focus is to stimulate the emergence of new scholarly communication models that expand the dissemination of scholarly research and reduce financial pressures on libraries

Funding partner: SPARC

Funding 2010: \$43,600

ICT Project –
ACS

Chief investigator: John Houghton

Report title: *ICT Trade Update Report 2010*

This study provided an update on Australia's ICT trade, exploring the volume and value of imports and exports of ICT and related electronic equipment, ICT and related services, content and software. The primary focus was on understanding the strengths and weaknesses of local ICT production and the

	<p>network of trading partners in the various segments of ICT trade.</p> <p>Funding partner: Australian Computer Society (ACS)</p> <p>Funding 2010: \$33,000</p>
Health Projects	<p>Chief investigator: Kim Sweeny</p> <p>Project title: Modelling the PBS Reform</p> <p>This project estimated the impact of a series of policy changes to the Pharmaceutical Benefits Scheme beginning in August 2005. Modelling undertaken by the Centre produced estimates of the savings accruing to the Government from each change and in total.</p> <p>Funding partner: A major stakeholder within the Australian pharmaceutical system.</p> <p>Funding 2010: \$45,000</p>
	<p>Chief investigator: Kim Sweeny</p> <p>Project title: Pharmaceutical Pricing and Reimbursement in Australia</p> <p>The centre was commissioned by Decision Resources, a major consultancy providing briefings to industry, to prepare a report on the operations of the pharmaceutical pricing and reimbursement system in Australia, concentrating on the Pharmaceutical Benefits Scheme, but also covering supplies to hospitals and other sources of medicines.</p> <p>Funding partner: Decision Resources</p> <p>Funding 2010: \$4500</p>
Climate Change Projects	<p>Chief investigator: Roger Jones</p> <p>Project title: Intergovernmental Panel on Climate Change: Fifth Assessment Report – Authors</p> <p>Prof. Roger Jones was appointed Co-ordinating Lead Author of chapter 'Foundations of Decision-making' for the <i>Intergovernmental Panel on Climate Change Working Group II Fifth Assessment Report</i> due in 2014. The first lead author's meeting was in January 2011 in Tsukuba Japan. The Zero Order Draft due on 4 July 2011. Funding from DCCEE supported travel and accommodation for author's meetings. Total funding is \$55,000.</p> <p>Funding partner: Department of Climate Change and Energy Efficiency (DCCEE)</p> <p>Funding 2010: \$27,500</p>
	<p>Chief investigator: Roger Jones</p> <p>Project title: Contributions to the VCCCAR Scenarios for Climate Adaptation Project</p> <p>Prof. Jones wrote a paper entitled 'The use of scenarios in adaptation planning: Managing risks in simple to complex settings', as part of the Victorian Climate Change Adaptation Research Centre (VCCCAR) project on scenarios for adaptation. He is on the technical committee of the project and two other VCCCAR projects running until the end of 2012.</p> <p>Funding partner: VCCCAR</p> <p>Funding 2010: \$10,000</p>
Labour Markets Project	<p>Chief investigator: Robert Gregory, Peter Sheehan</p> <p>Project title: Income Support Reform Spillovers Within Families</p> <p>Funding partner: Department of Education, Employment and Workplace Relations (DEEWR) (Canberra)</p> <p>Funding 2010: \$40,000</p>
Poverty Reduction	<p>Chief investigators: Bhajan Grewal, Peter Sheehan, Adam Fforde</p> <p>Project title: Workshop on Economic Development, Poverty and Globalisation</p>

Project	<p>The Australian Centre for International Agricultural Research (ACIAR) provided funding to organize a workshop to initiate research on poverty reduction. The purpose of the research is to document, on a regional and social class basis, the poverty experiences of these five countries, China, India, Indonesia, Vietnam and South Africa in terms of both poverty line and multidimensional measures.</p> <p>The workshop was held on 16 July titled: 'Workshop on Economic Development, Poverty and Globalisation', and had both overseas and Australian participants. Overseas presenters included:</p> <ul style="list-style-type: none"> • Prof. Shovan Ray from the Indira Gandhi Institute of Development Research (IGIDR) in Mumbai India. The IGIDR is an advanced research institute established and fully funded by the Reserve Bank of India for carrying out research on development issues from a multi-disciplinary point of view. • Prof. Enjiang Cheng from the International Poverty Reduction Centre of China (IPRCC) based in Beijing. The IPRCC was jointly initiated and established by the Chinese government, the United Nations Development Programme (UNDP) and other international organizations in December 2004, and provides a platform for knowledge sharing, information exchange and international collaboration in the areas of poverty reduction and development. • Prof. Asep Suryahadi from the SMERU Research Institute, in Jakarta, Indonesia. SMERU is an independent institution for research and public policy studies which professionally and proactively provides accurate and timely information, as well as objective analysis on various socioeconomic and poverty issues considered most urgent and relevant for the people of Indonesia. <p>Australian presenters included Angela Smith from Oxfam Australia Program Manager, India and Bangladesh) and Profs. Peter Sheehan, Bhajan Grewal and Adam Fforde from CSES. Funding for this research is currently being sought from the Australian Research Council.</p> <p>Funding partner: ACIAR</p> <p>Funding 2010: \$20,000</p>
DIISR grant	<p>Chief investigator: Tran Van Hoa</p> <p>Project title: International Science Linkages Program - Round Two Grant</p> <p>The project is in an early career researcher grant scheme and in collaboration with Dr Ho Trung Thanh, from Vietnam Institute for Trade (VIT), Ministry of Industry and Trade (MOIT). Its aims are: (1) to adapt the endogenous growth-trade theory developed by the Chief investigator, Prof Tran Van Hoa, to investigate rigorously the economic and trade implications of the recently signed Australia-Vietnam Comprehensive Partnership Agreement, (2) to provide appropriate evidence-based policy on economic, trade and bilateral relations within the context of this Agreement to decision-makers in the two countries, (3) to enhance Australian and Vietnamese capacity in the field, and (4) to prepare a nationally competitive research grant application to further carry out the related research.</p> <p>Funding partners: Dept of Innovation, Industry, Science and Research (DIISR) (Canberra and Academy of Social Sciences in Australia</p> <p>Funding 2010: \$7,500</p>
AusAID grant	<p>Chief investigators: Bhajan Grewal, Peter Sheehan, Bruce Rasmussen</p> <p>Project title: Delivery of the AusAid Funded IPD\F: Accounting Budgeting and Economics Program</p> <p>Under the AusAID funded IPF – Accounting, Budgeting and Economics Program, Bhajan Grewal, Dr. Bruce Rasmussen and Peter Sheehan delivered a series of lectures to a delegation of 20 senior officials of the Ministry of Finance of Iraq from 4 October 2010 to 11 October 2010.</p> <p>The following topics were covered in these lectures:</p> <ul style="list-style-type: none"> • Economic decentralisation policy development and application International case studies of effective decentralisation. • Australian Intergovernmental Financial Relations and international comparisons and case studies. • Governments and Capital Market involvement in infrastructure development and innovation.

- Economic Development and strategic budget policy development followed by a discussion of Iraqi/Australian comparative economic positions.
- Budget revenue and expenditure estimates development and monitoring systems/New initiatives development.
- Achieving economic development and reform in government business enterprises.

A Workshop was conducted on the topic: Economic decentralisation in Iraq: challenges and strategies, as the final activity of the program.

Funding partner: Ciptanet: AusAID funded IPF

Funding 2010: \$7,091

CSES CONFERENCES AND SEMINARS

International Conference

An international conference titled: 'Energy Efficiency, Climate and China's Development Strategy: Realising Technological Innovation and Effective Policy Implementation' was held in Beijing on 9-10 September 2010, and was jointly organized by CSES and the Energy Research Institute (ERI) of the National Development and Reform Commission, the central policy agency of the Chinese Government.

China's attempt to rebalance its pattern of development – from rapid energy intensive growth to a low carbon economy delivering improved living standards for its people – raises many unprecedented issues for policy and policy implementation. Achieving this rebalancing is vital for China's economic and social ambitions and also for the international effort to contain global warming. This conference focused on these implementation issues. It brought together senior government officials, academics, industry leaders, economists, policy makers, environmental management experts and others to identify and analyse policy issues in four areas: (i) achieving future growth in a low carbon economy; (ii) achieving technological leadership in key areas; (iii) reshaping the economy to much lower energy use; and (iv) increasing the role of natural gas in China's energy mix.

Key speakers from China were:

- Professor Zhou Dadi, Former Director General, Energy Research Institute (ERI), NDRC
- Mr Graeme Meehan, Charge d'Affaires, Australian Embassy, Beijing
- Dr Jiang Kejun, ERI, NDRC
- Professor Hu Angang, Tsinghua University
- Dr Kang Yanbing, ERI, NDRC
- Dr Liu Hong, ERI, NDRC
- Dr Zhuang Xing, ERI, NDRC
- Dr Yang Yufeng, ERI, NDRC
- Dr Cheng Enjiang, International Poverty Reduction Center in China
- Dr Sun Fanghong, Ping An Securities

Speakers from Australia were:

- **Professor Bhajan Grewal**, Centre for Strategic Economic Studies, Victoria University
- **Professor Peter Sheehan**, CSES, Victoria University
- Mr Rob Jolly, Carbon Market Economics
- Mr Bruce Mountain, Carbon Market Economics
- Mr David Fewchuk, Aurora Vehicles Association
- **Dr Kim Sweeny**, CSES, Victoria University
- **Dr Alex English**, CSES, Victoria University

CSES Workshop

The CSES organized a workshop titled 'Workshop on Economic Development, Poverty and Globalisation', on 16 July 2010, to bring together the potential partners for an ARC Linkage application. Professor Shovan Ray from the Indira Gandhi Institute of Development Research (Mumbai), Dr Enjiang Cheng from the International Poverty Reduction Centre of China (Beijing) and Professor Asep Suryahadi from the SMERU Research Institute (Jakarta), attended the workshop along with representatives from the potential partners, which include the OXFAM Coordinator for India Angela Smith, the Australian Development Bank Institute in Tokyo and AusAID. CSES staff members are **Bhajan Grewal**, **Peter Sheehan**, **Adam Fforde** and **Abdullahi Ahmed**. See section above on funding in Poverty Reduction Project.

CSES Seminars The CSES held a successful seminar series in 2009 organized by Andrew van Hulst. There was a total of 13 seminars (of which 3 were external speakers).

Four staff presented seminars in other locations:

The full list is provided in the Appendix.

PUBLICATION HIGHLIGHTS

New CSES Books

Abdullahi Ahmed and Sardar M.N. Islam published a book with Springer titled: *Financial Liberalization in Developing Countries: Issues, Time Series Analyses and Policy Implications*.

The latest global financial and economic crisis of 2008 has shown the need to re-examine the desirability of financial liberalization. This book is undertaking such a study on the issue of financial and market liberalization by adopting sophisticated econometric methods. It examines the effects of financial liberalization on economic development and social welfare using a case study approach on a sample of three Sub-Saharan African countries and an Asian country in which financial liberalization reforms were implemented. Further, it highlights some key causes of the failure of reform, and the policies and institutions that are needed to create an environment for successful financial liberalization.

Bruce Rasmussen had a book published by Edward Elgar titled: *Innovation and Commercialisation in the Biopharmaceutical Industry Creating and Capturing Value*

This path-breaking book addresses the ongoing implications for traditional pharmaceutical companies and biopharmaceutical start-ups of the realignment of the industry knowledge-base. The theoretical approach draws on the modern theory of the firm and related ideas in order to better define the concept of the business model, which is employed to guide the case studies and empirical analysis in the book.

Prabodh Malhotra published a book with Macmillan titled: *Impact of TRIPS in India: An Access to Medicines Perspective*.

Over the last three decades, drug prices in India have declined from one of the highest to one of the lowest in the world. Yet, under the current healthcare model, only around 35 per cent of people in India have access to medicines. In the lead up to 2005, when TRIPS compliant regime was introduced in India, there were apprehensions about the drug prices rising under the new regime, which would further restrict access to medicine.

This book examines the impact of TRIPS on drug prices and exports of drugs and pharmaceuticals in India. It goes on to develop a new healthcare model, which if implemented, would extend access to medicines to India's entire population. Sensitivity tests show that the proposed model is affordable, equitable and implementable, and can be replicated in other developing countries.

Tanachart Raoprasert and Sardar M. N. Islam, published a book with Springer *Designing an Efficient Management System: Modeling of Convergence Factors Exemplified by the Case of Japanese Businesses in Thailand*.

This book makes a significant and valuable contribution to the literature in the fields of organisational behaviour and design, performance analysis and structural equation modelling. The subject of this book is the development of an efficient and effective management system in the globalised world in order to improve overall organizational performance to achieve good corporate governance by reducing agency costs in a cross-cultural environment. Based on an empirical case study of Japanese management practices in Thailand, it examines factors that help to adapt management practices to the work culture of the host country and motivate local employees to adapt and implement unfamiliar management practices. The book provides a new methodological approach by applying structural equation modelling to psychosocial and motivational constructs of organizational performance, and thus presents an innovative behavioural framework of organizations in a contemporary cross-cultural setting.

George Messinis published a book with VDM Verlag titled: *Habit Modification in Consumption: Theory and Evidence*.

The explosion of the consumer society and household credit has given rise to two contrasting views of modern man. One perceives the consumer as highly intelligent who acts rationally purely

on information pertaining to her current and future assets. The other portrays the typical consumer as irrational that lives beyond her means. In the tradition of Aristotle, Veblen, and Duesenberry this book challenges these two polar views to propose that consumer habits are rational and can evolve through consumer investments and their participation in social institutions. The study outlines two models of habit modification that highlight the role of (i) investments on consumer durables, and (ii) contractual commitments. Empirical evidence for the USA shows that household debt commitments help the average consumer to modify her habits and to adopt a more rational and forward-looking behaviour that can resemble that proposed by the conventional rational-expectations model.

PARTICIPATION IN HIGH LEVEL CONFERENCES, SEMINARS AND WORKSHOPS

APEC LSIF VIII and Invited Distinguished Speaker

Established by APEC Leaders in 2002, the [APEC Life Sciences Innovation Forum](#) (LSIF) has since grown to become APEC's leading initiative on health and health sciences innovation. It is a tripartite forum that engages representatives from the highest levels of government, industry and academia to create the right policy environment for life sciences innovation. Peter Sheehan is Co-chair of the APEC LSIF.

Activities in 2010 include the following.

In September 2010, **Peter Sheehan** presented research findings at the LSIF VIII in Sendai Japan with Zheng Xiao-ying (APEC LSIF Board Member, from Peking University), on measuring the costs and benefits of health innovation in APEC countries.

On 1 June 2010 in Sapporo Japan, he presented in a one-day workshop on the growth strategy for APEC, co-organized by the ADB Institute and Japan's ministries of finance, foreign affairs, and economics, trade and industry (MOF, MOFA, and METI), which brought together some 150 senior finance and trade officials in Sapporo. Two main themes were the focus of discussions: rebalancing the region's economy for growth and financing growth. Peter Sheehan discussed how private financing to support innovation is difficult to obtain and outlined some of the work being done by the APEC group on life sciences.

The next day he participated in the APEC Health Working Group discussing collaboration between the Group and the LSIF, also held in Sapporo.

On 25-26 June 2010, the Workshop Organizing Committee and Food and Drug Administration of Chinese Taipei, invited Peter Sheehan to be one of our distinguished speakers at the upcoming 2010 "APEC Regulatory Harmonization Workshop on Medical Devices". The main topic of discussion for this workshop is "Good Review Practices: A Key Enabler in Promoting Quality Decision-making". The goal of the workshop was to initiate and facilitate dialogue on the topic of good review practices for medical devices. This workshop is one of the major harmonization efforts of APEC Life Science Innovation Forum (LSIF).

Invited Keynote Speakers

John Houghton was invited to be keynote speaker at the [MC5 2010: Open Access: The Competitive Advantage, 5th Annual Munin Conference](#) held at the University of Tromsø, Norway, on 25 November 2010, where he made a presentation on: 'Economic Impacts of Open Access in Europe and the United States' (see [abstract and presentation](#), view [video](#)).

Adam Fforde was invited to be keynote speaker at the 2nd 'Engaging with Vietnam: An Interdisciplinary Dialogue' Conference, at Vietnam National University, Hanoi, on 30 November-1 December, where he made a presentation on 'Reflections on Issues in the Contemporary Economic History of Vietnam' (at <http://www.engagingwithvietnam.com/home>).

Sponsored conference speaker

The Leiden Medical University Center invited and sponsored **John Houghton** to speak at the [Third European Conference on Scientific Publishing](#), in Leiden, the Netherlands, on 27-29 May 2010. His topic was: '[Economic Impacts of Alternative Publishing Models: Lessons and Developments](#)'.

John Houghton was also invited and sponsored by the Max-Planck-Gesellschaft to speak at the [Berlin8 Open Access Conference](#) held in Beijing on 25-27 October 2010, where he spoke on: '[Costs and Benefits of Alternative Publishing Models: Lessons and Developments](#)'. ([Video](#)).

The [Max Planck Society](#) is Germany's most successful research organization. Since its establishment in 1948, 17 Nobel laureates have emerged from the ranks of its scientists, putting it on a par with the

	<p>best and most prestigious research institutions worldwide. The more than 13,000 publications each year in internationally renowned scientific journals are proof of the outstanding research work conducted at Max Planck Institutes – and many of those articles are among the most-cited publications in the relevant fields.</p>
<p>NCCARF Conference Convenor</p>	<p>The National Climate Change Adaptation Research Facility NCCARF and CSIRO Climate Adaptation Flagship hosted the International Climate Change Adaptation Conference: Climate Adaptation Futures, on the Gold Coast, from 28 June to 1 July. Roger Jones was invited to both co-convene a session titled Concepts in Adaptation Science (including reviewing abstracts and organising session and related poster session) and then chairing the session itself. NCCARF funded full registration and accommodation for his participation.</p> <p>The conference was one of the first international forums to focus solely on climate impacts and adaptation. It brought together scientists and decision makers from developed and developing countries to share research approaches, methods and results. It showcased leading impacts and adaptation research from around the world and explored the contribution of adaptation science to planning and policy making, and how robust adaptation decision making can proceed in the face of uncertainty about climate change and its impacts.</p>
<p>UNFCCC Technical Workshop</p>	<p>Roger Jones was resource person (overview presentation) for the UNFCCC NWP Technical Workshop Collaboration among Regional Centres and Networks held in Apia, Samoa on 2-5 March 2010.</p> <p>The workshop enabled around 100 representatives from parties, relevant organizations, regional centers and networks, communities, and experts, to share climate data and information available in the public domain, exchange views on climate data and information needs within the context of adaptation planning, and possible roles of regional centers and other knowledge intermediaries in improving the provision, dissemination and application of climate data and information.</p>
<p>Invitation to Victorian Environmental Committee</p>	<p>On 10 June 2010, Roger Jones visited the Victorian Parliament with Dave Griggs, Neville Nicholls and Amanda Lynch (from Climate Scientists Australia). They were invited for a breakfast briefing and questions and answers on climate change for the Environmental Committee and other parliamentarians. This is the third of such briefings, the first two were for the Federal Government in October 2009 and March 2010. The next briefing will be for the New South Wales Government. The objective of the briefings is to improve the dialogue between Australian policy makers and climate change scientists.</p>
<p>APEF Conference Program Committee Member</p>	<p>An international conference was organised by the Asia-Pacific Economic Forum (APEF) at the Renmin University of China in Beijing on 29-31 October 2010. The theme was 'The Global Financial Crisis and East Asia Economic Development: Economic, Trade, Integration and Industry Issues'. Tran Van Hoa was a Program Committee member and a paper presenter.</p> <p>APEF is a new economics society that was founded in 2001 at Kangwon National University in Chuncheon, Korea, to support members' research and disseminate findings on economics, trade, investment and external relations among countries in the Asia-Pacific region. APEF members come from a wide range of countries. APEF holds annual conferences in its members' countries.</p>
<p>OTHER ACTIVITIES AND ACHIEVEMENTS</p>	
<p>Coordinating Lead Author IPCC Report</p>	<p>In May 2010, Roger Jones was confirmed as Coordinating Lead Author of Chapter 2, Foundations for Decision-making, of the Working Group II contribution to the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report (AR5). This is the first step in a 4-year drafting process, with the Working Group II volumes scheduled for completion in 2014.</p> <p>The IPCC was established in 1988, under the joint sponsorship of the World Meteorological Organization (WMO) and the United Nations Environment Programme (UNEP), to assess the major scientific and technical issues confronting governments and other parties interested in climate change. Through its reports, methodologies, workshops, and expert meetings, the IPCC has become a primary source of independent scientific information for governments and other stakeholders. Before the reports are released, they are subjected to extensive and open peer review, plus review by governments, before being accepted by the IPCC to ensure that they are scientifically valid, comprehensive, balanced, and relevant to deliberations of the Parties to the United Nations</p>

	<p>Framework Convention on Climate Change (UNFCCC). The IPCC does not conduct or fund original research, monitor climate-related data, or make policy recommendations.</p> <p>Coordinating Lead Authors and Lead Authors are scheduled for a First Lead Authors Meeting, on 11-14 January 2011, in Tsukuba, Japan.</p>
Awards	<p>Dr Abdullahi Ahmed received the <i>Faculty of Business and Law Award for Excellence in Research and Training 2010</i>.</p> <p>Prof. Frank Lichtenberg was awarded the 2010 Garfield Economic Impact Award for the publication of 'The Effect of New Cancer Drug Approvals on the Life Expectancy of American Cancer Patients, 1978 – 2004' (in <i>Economics of Innovation and New Technology</i>, 2009, vol. 18, no. 5, pp. 407-428).</p> <p>Research!America has presented this award since 2002, to recognize the outstanding work of economists who demonstrate how medical and health research impacts the economy. The award is supported by a grant from Merck & Co., Inc., and by the Eugene Garfield Foundation.</p> <p>The study shows that new cancer drugs from 1968 to 2004 increased the life expectancy of American cancer patients by almost one year and that the cost of this additional year is less than \$7,000 per patient, much lower than previous estimates of what Americans are willing to pay for an additional year of life.</p> <p>Catherine Xiaocui Lou received Best Paper Award at the 3rd Symposium 2010, Federation of Chinese Scholars in Australia for the paper 'Optimization Model in E-Supply Chain Management for Small and Medium Enterprises', held in Melbourne on 6-8 October.</p>
Review of IPCC – Expertise Sought	<p>The InterAcademy Council established a committee to conduct the Review of the IPCC: An Evaluation of the Procedures and Processes of the Intergovernmental Panel on Climate Change. A critical element of the committee's analysis is the opinions of knowledgeable experts and thoughtful observers regarding IPCC's processes and procedures for producing assessments. Only a few such individuals interacted with the committee at each meeting. Consequently, the committee selected a limited number of individuals to provide written comments. Roger Jones was invited to participate. The report Climate Change Assessments, Review of the Processes & Procedures of the IPCC was released on 30 August 2010.</p> <p>The InterAcademy Council (IAC) was created in May 2000 by all of the world's science academies to mobilize the best scientists and engineers worldwide to provide high quality advice to international bodies - such as the United Nations and the World Bank - as well as to other institutions. It produces reports on scientific, technological, and health issues related to the great global challenges of our time, providing knowledge and advice to national governments and international organizations. The IAC Secretariat is hosted by the Royal Netherlands Academy of Arts and Sciences (KNAW) in Amsterdam</p>
Associate Investigator EU	<p>Roger Jones is Associate Investigator on the EU 7th Framework Project – CLIMSAVE Climate Change Integrated Assessment Methodology for Cross-Sectoral Adaptation and Vulnerability in Europe (2010–2014).</p> <p>CLIMSAVE is a pan-European project that is developing a user-friendly, interactive web-based tool that will allow stakeholders to assess climate change impacts and vulnerabilities for a range of sectors, including agriculture, forests, biodiversity, coasts, water resources and urban development. The linking of models for the different sectors will enable stakeholders to see how their interactions could affect European landscape change. The tool will also enable stakeholders to explore adaptation strategies for reducing climate change vulnerability, discovering where, when and under what circumstances such actions may help. It will highlight the cost-effectiveness and cross-sectoral benefits and conflicts of different adaptation options and enable uncertainties to be investigated to better inform the development of robust policy responses.</p>
Visiting Researcher	<p>Professor Bo-Christer Björk invited John Houghton to spend a week at the Hanken School of Economics, where he attended the Electronic Publishing Conference 2010 (EI Pub) and presented a refereed paper (published in proceedings). He also participated in two workshops.</p> <p>Bo Christer Bjork is Professor of Information Systems Science at the Swedish school of Economics and Business Administration in Helsinki, Finland. He holds degrees from three universities. He is the editor-in-chief of the <i>Journal of Information Technology in Construction</i> (http://www.itcon.org/), one of</p>

	the earliest refereed scientific journals published on the World Wide Web.
Transfer of Ideas	<p>John Houghton's paper 'ICT and the Environment in Developing Countries: An Overview of Opportunities and Developments' (<i>Communications and Strategies</i>, no. 76, p. 39, 2009) ranked number 3 in the list of TOP 10 Papers for Journal of ERN: Institutional Change and the Environment (Topic), July 7, 2010 to September 5, 2010.</p> <p>A paper written by Bhajan Grewal and Prabodh Malhotra on Inclusive Growth in India (<i>The India Economy Review</i>, 31 May 2010), as well as an article on China's Western Region (published later in <i>Journal of Contemporary China</i>, March 2011) was received by the Prime Minister of India and circulated to the Members of the Planning Commission.</p>
New staff at CSES	<p>Professor John McCallum, started 1 March 2010 as Adjunct Professor.</p> <p>Professor Greg Tegart, restarted 1 March 2010 as Adjunct Professor.</p> <p>Dr. Ohidul Haque, started 1 March 2010 as Adjunct Associate Professor.</p> <p>Professor Adam Fforde, started 1 January 2010 as Professorial Fellow (part-time 0.2).</p>
Students Graduated	<p>Anh Pham, March 2010.</p> <p>Tri Dung Lam, June 2010</p> <p>Prabodh Malhotra, June 2010</p> <p>Socrates Karagiannidis, November 2010</p> <p>Syurkani Syurkani, November 2010</p>
Theses Completed	Five research students completed their PhD or DBA theses in 2010. See Section 3.3 above for details.
New PhD Students	<p>Catherine Xiaocui Lou, 'Decision Making under Uncertainty through Robust Optimization: A Study of Integrating Supply Chain Management with Corporate Governance for Risk Management', commenced March 2010.</p> <p>Anuar Sarun, 'Corporate Governance, Accounting Risk and Earnings Quality in Malaysia: An Econometric Approach', commenced February 2010.</p> <p>Surayouth Kobkitpanichpol, 'Accounting Information and Financial Reporting in Small and Medium Enterprise Sector in Thailand', commenced March 2010.</p> <p>Wisnu Setiyono, 'Agency Cost, Risk Management and Corporate Governance Mechanism: Evidence for Indonesian Firms', commenced July 2010.</p> <p>Abdul Ghofar, 'The Effect of Strategy on the Relationship between Corporate Governance and Firm', commenced March 2010.</p> <p>Kathleen Hurley, 'To What Extent is Melbourne Urban Transformation an Outcome of Globalization', commenced September 2010.</p>

CSES Detailed Research Publications and Output 2010

Publications and research outputs achieved by the Centre in 2010 are listed in full below.

Books authored, 2010 (HERD category)

Book details	HERDC Points
1. Ahmed, A. and Islam, S.M.N. 2010, <i>Financial Liberalisation in Developing Countries: Issues, Time Series Analyses and Policy Implications</i> , Springer, Heidelberg. ISBN: 978-3-7908-2167-3.	5
2. Malhotra, P. 2010, <i>Impact of TRIPS in India: An Access to Medicines Perspective</i> , Palgrave Macmillan, London.	
3. Messinis, G. 2010, <i>Habit Modification in Consumption: Theory and Evidence</i> , VDM Verlag Dr. Müller, Berlin.	
4. Rasmussen, B. 2010, <i>Innovation and Commercialisation in the Biopharmaceutical Sector. Creating and Capturing Value</i> , Edward Elgar, London. ISBN 978-1-84844-717-2.	
5. Raoprasert, T. and Islam, S.M.N. 2010, <i>Designing an Efficient Management System</i> , Springer, New York. ISBN 978-3-7908-2371-4.	
Total HERDC Points – Books	25

Book chapters, 2010 (HERD category)

Chapter details	HERDC Points
1. Houghton, J. 2010, 'ICTs and the Environment in Developing Countries: Opportunities and Developments', in OECD, <i>ICTs for Development: Improving Policy Coherence</i> , OECD, Paris, pp.149-175.	1
2. Jones, R.N. 2010, 'Water', in C.J. Stokes, S.M. Howden (eds), <i>Climate Change Adaptation in Australia: Preparing Agriculture, Forestry and Fisheries for the Future</i> , CSIRO Publishing, Melbourne, pp. 187-204.	
3. Miller, C., Howden, S.M. and Jones, R.N. 2010, 'Intensive livestock industries', in C.J. Stokes and S.M. Howden (eds), <i>Climate Change Adaptation in Australia: Preparing Agriculture, Forestry and Fisheries for the Future</i> , CSIRO Publishing, Melbourne, pp. 171-186.	
4. Sheehan, P. 2010, 'Beyond industrialization: New approaches to development strategy based on the service sector', in A.U. Santos-Paulino and Guanghua Wan (eds), <i>The Rise of China and India: Impacts, Prospects and Implications</i> , UNU-WIDER Studies in Development Economics and Politics, World Institute for Development Economics Research of the United Nations University (UNU-WIDER), Helsinki, pp. 64-84.	
Total HERDC Points – Book chapters	3.33

Journal articles refereed, 2010 (HERDC category)

Article details	HERDC points	ISI Impact Factor	ERA Ranking
1. Ahmed, A. , Cheng, E. and Messinis, G. 2010, 'The role of exports, FDI and imports in development: Evidence from Sub-Saharan African countries', <i>Applied Economics</i> . DOI: 10.1080/00036841003705303. ISSN 0003-6846.	1	0.430	A
2. Ahmed, A.D. 2010, 'Financial liberalization, financial development and growth linkages in Sub-Saharan African countries: An empirical investigation', <i>Studies in Economics and Finance</i> , vol. 27, no. 4, pp. 314-339. ISSN 1086-7376.	1	-	B
3. AlSaqri, S. and Ahmed, A.D. 2010, 'Mineral and non-mineral sector interdependency: Empirical evidence from Oman', <i>ICFAI Journal of Applied Economics</i> , vol. 9, no. 2, April, pp. 14-33. ISSN 0972-6861. http://ideas.repec.org/a/icf/icfjae/v09y2010i2p14-33.html	1	-	C
4. Austin, J., Zhang, L., Jones, R.N. , Durack, P., Dawes, W. and Hairsine, P. 2010, 'Climate change impact on water and salt balances: An assessment of the impact of climate change on catchment salt and water balances in the Murray-Darling Basin, Australia', <i>Climatic Change</i> , 10.1007/s10584-009-9714-z. ISSN 0165-0009.	0.17	3.635	A
5. Bowden, M. and Doughney, J. 2010, 'Socio-economic status, cultural diversity and the aspirations of secondary students in the western suburbs of Melbourne, Australia', <i>Higher Education: The International Journal of Higher Education and Educational Planning</i> , vol. 59, no. 1, pp. 115-129. ISSN 0018-1560.	1	-	A
6. Bulz, N. 2010, 'A dual challenge for the complexity: The adaptation of both complex entities: The science and the (hypothetical) real system', <i>Advances in Systems Science and Applications</i> , vol. 10, no. 2, pp. 261-277.	1	-	-
7. Fforde, A. 2010, 'Re-thinking the analysis of conservative systemic transitions: The Vietnam Case Study', <i>Journal of Communist Studies and Transition Politics</i> , March. ISSN 1352-3279.	1	-	C
8. Fforde, A. 2010, 'Responses to the policy science problem: Reflections on the politics of development', <i>Development in Practice</i> , 20 April. ISSN 0961-4524.	1	-	C
9. Fforde, A. 2010, 'Vietnam: Water Policy Dynamics under a Post-Cold War Communism', <i>Water Alternatives</i> , vol. 3, no. 3, pp. 552-574. ISSN 1965-0175.	1	-	-
10. Grewal, B.S. 2010, 'Incomplete contracts and the evolution of Canadian federalism', <i>Public Finance and Management</i> , vol. 10, no. 1. ISSN 1523-9721.	1	-	B
11. Houghton, J.W. and Oppenheim, C. 2010, 'The economic implications of alternative publishing models', <i>Prometheus</i> , vol. 28, no. 1, pp. 41-54. ISSN 0810-9028.	0.5	-	C
12. Houghton, J.W. 2010, 'Economic implications of alternative publishing models: Self-archiving and repositories', <i>Liber Quarterly</i> , vol. 19, nos 3/4, pp. 275-292. ISSN 1435-5205.	1	-	C
13. Lichtenberg, F. 2010, 'The effect of drug vintage on survival: Micro evidence from Puerto Rico's Medicaid program', <i>Advances in Health Economics and Health Services Research</i> , vol. 22, pp. 273-292. ISSN: 0731-2199.	1	-	-
14. Lichtenberg, F. 2010, 'Pharmaceutical price discrimination and social welfare', <i>Capitalism and Society</i> , vol. 1, no. 5, Article 2, DOI: 10.2202/1932-0213.1066. ISSN 1932-0213.	1	-	C
15. Lichtenberg, F. 2010, 'Are increasing 5-year survival rates evidence of success against cancer? A re-examination using data from the U.S. and Australia', <i>Forum for Health Economics and Policy</i> , vol. 13, no. 2, pp. 1-16. ISSN 1558-9544.	1	-	C

16. Liddle, B. 2010, 'Demographic influences on economic resiliency: Revisiting the developing country growth collapse of the 1970s and 1980', <i>Journal of International Development</i> , DOI: 10.1002/jid.1670. ISSN 0954-1748.	1	-	B
17. Liddle, B. and Lung, S. 2010, 'Age-structure, urbanization and climate change in developed countries: Revisiting STIRPAT for disaggregated population and consumption-related environmental impacts', <i>Population and Environment</i> , vol. 31, no. 5, pp. 314-343. ISSN 0199-0039.	1	0.879	A
18. Liddle, B. 2010, 'Revisiting world energy intensity convergence for regional differences', <i>Applied Energy</i> , vol. 87, pp. 3218-3225. ISSN 0306-2619.	1	2.209	A
19. Jones, R.N. 2010, 'North Central Victorian Climate: Past, Present and Future', <i>Proceedings of the Royal Society of Victoria</i> , vol. 122, no. 2, pp. 147-160. ISSN 0035-9211.	1	-	C
20. Rusydi, M. and Islam, S. 2010, 'Exchange rate determination: Market models and empirical evidence for the 1990-2000 period from emerging financial markets: The case of Indonesia', <i>International Journal of Monetary Economics and Finance</i> , vol. 3, no. 2, pp. 159-176. ISSN 1752-0479.	1	-	C
21. Syurkani, I. and Ahmed, A.D. 2010, 'Inflation expectations and monetary policy rules: Findings from the Indonesian economy', <i>ICFAI Journal of Monetary Economics</i> , vol. 8, no. 1&2, pp. 23-44. ISSN 0972-9291.	1	-	C
22. Damrongchai, R., Johnston, R. and Tegart, G. 2010, 'The impact of foresight studies on human healthcare in the post-genomic era', <i>International Journal of Foresight and Innovation Policy</i> , vol. 6, nos 1-3, pp. 151-165.	0.33	-	C
23. Tran Van Hoa 2009, 'Impact of official development assistance on developing Asia's growth: A substantive econometric study for policy analysis', <i>Journal of Quantitative Economics</i> (India), vol. 7, no. 2, pp. 120-133. (Published 2010).	1	-	C
24. Tran Van Hoa 2010, 'Impact of the WTO membership, regional economic integration and structural change on China's trade and growth', <i>Review of Development Economics</i> , vol. 14, no. 3, pp. 577-591. ISSN 1363-6669.	1	0.635	B
25. Tran Van Hoa 2009, 'Impact of oil, crises and economic integration on growth: A causal analysis of the Gulf-ASEAN economies', <i>International Economics Studies</i> , (Iran), vol. 34, no. 1 (New Issue), pp. 7-18. (Published 2010).	1	-	C
26. Tran Van Hoa 2010, 'Development and corruption in Asia: A substantive econometric analysis for policy uses', <i>National Anti-corruption Journal</i> (Thailand), vol. 3, no. 2, pp. 158-163.	1	-	-
27. Tran Van Hoa and Tang Zongmin 2010, 'The global financial crisis, economic integration and China's exports: A causal and predictive analysis', <i>International Journal of Business and Development Studies</i> (Iran), vol. 2, no. 1, pp. 3-26.	0.5	-	-
Total HERDC Points – Journal articles	24.5		

Conference papers, 2010 (HERD category)

Paper title	HERDC Points
1. Ansari, N., Ashraf, M., Malik, T. and Grunfeld, H. 2010, 'Green IT Awareness and Practices: Results from Field Study on mobile Phone Related e-waste in Bangladesh', refereed paper presented at the 2010 IEEE International Symposium on Technology and Society, Social Implications of Emerging Technologies, University of Wollongong, 7-9 June Wollongong.	0.25
2. Ben Moshe, D. 2010, 'The Nature and Extent of Israeli Films in Jewish Diaspora Film Festivals', refereed paper presented in 26th Conference of Association for Israel Studies, University of Toronto, Toronto, 10-12 May.	1
1. Houghton, J.W. 2010, 'ICT and the Environment in Developing Countries: A Review of Opportunities and	1

Developments', refereed paper in proceedings of 9 th IFIP TC International Conference and World Computer Congress, J. Berleur, M.D. Hercheui and L.M. Hilty (eds), <i>What Kind of Information Society? Governance, Virtuality, Surveillance, Sustainability, Resilience</i> , Springer, Berlin, pp.236-247.	
3. Houghton, J. 2010, 'Costs and Benefits of Alternative Publishing Models: Lessons and Developments', refereed paper in proceedings of EL Pub 2010, T. Hedland and Y. Tonta (eds), <i>Publishing in the Networked World: Transforming the Nature of Communication</i> , EL Pub, Helsinki, pp. 385-403. ISBN 978-952-232-086-5, at http://hdl.handle.net/10227/599 .	1
4. Jones, R. 2010, 'A Risk Management Approach to Climate Change Adaptation', in R. Nottage, D. Wratt, J. Bornman and K. Jones (eds), refereed paper in Proceedings Climate Change Adaptation in New Zealand: Future Scenarios and Some Sectoral Perspectives, New Zealand Climate Change Centre, Wellington, pp. 10-25. ISBN 978-0-473-16366-2 (136 pages, 9 chapters). At: http://www.nzclimatechangecentre.org/research/climate-change-adaptation-publication	1
5. Rasmussen, B. 2010 'Production Nodes and Global Commodity Chains in Western Melbourne', refereed paper presented to 2010 Knowledge Cities World Summit, 17-19 November, Melbourne.	1
Total HERDC Points – Conference papers	5.25

Papers and presentations, other, 2010

- Connell, L.M. and Doughney, J. 2010, 'Human-trafficking: Responsibility for Demand and Moral Responsibility', in *Conference Proceedings: Globalization for the Common Good, 9th Annual International Conference*, Thousand Oaks, 6-10 June, pp. 85-105.
- Fforde, A. 2010, 'When the Informal Is Never Entirely Informal, and the Formal Is Never Entirely Formal: Reflections on Public Policy with Reference to Vietnam and in International Perspective', paper presented at the International Conference: The Informal Sector and Informal Employment: Statistical Measurement, Economic Implications and Public Policies, Hanoi, 6-7 May, at <http://www.colloques.tamdaoconf.com/>
- Fforde, A. and Seidel, K. 2010, 'Donor Playground Cambodia? What a look at aid and development in Cambodia confirms and what it may imply', paper presented at the Heinrich Boell Stiftung Conference, Heinrich Böll Foundation, Berlin, 23-24 November, at <http://www.boell.de/internationalepolitik/entwicklung/entwicklungspolitik-dossier-weiterdenken-deutsche-entwicklungspolitik-im-spannungsfeld-globaler-krisen-10631.html>
- Fforde, A. 2010, Trade and Environmental Sustainability Study on Three Selected Agricultural Products: Rice, Cassava and Fish (based upon a Draft report, dated June 2010), presentation at the Development Research Forum 3rd Annual Symposium on "Research and Policy Response to Cambodia's Recovery and Development", Phnom Penh, Cambodia, 9-10 September, at <http://www.drfcambodia.net/page/agenda-live-updates>
- Fforde, A. 2010, 'Vietnam: Poverty and its Causes', presentation at the CSES Workshop on Economic Development, Poverty and Globalisation, Victoria University, Melbourne, 16 July.
- Grewal, B. 2010, 'Economic Development and Poverty: Literature Review and Proposed Methodology', presentation at the CSES Workshop on Economic Development, Poverty and Globalisation, Victoria University, Melbourne, 16 July.
- Grunfeld, H., with Pin, T and Seng, D. 2010, "Challenges in Operationalising the Capability Approach for Evaluating the Contribution of the Cambodian ICT4D Project, iREACH, to Capabilities, Empowerment and Sustainability", paper presented at the 2010 Annual Conference of the Human Development and Capability Approach Association, The University of Jordan, Amman, 21-23 September, at [http://www.capabilityapproach.com/PubList.php?pubtype=conference&subtype=conf2010&type2=&sid=\\$sid](http://www.capabilityapproach.com/PubList.php?pubtype=conference&subtype=conf2010&type2=&sid=$sid)
- Lou, X. 2010, 'Optimization Model in E-Supply Chain Management for Small and Medium Enterprises', paper presented at The [Third Australia-China Joint Symposium on Science, Technology and Education](#), Federation of Chinese Scholars (FOCSA), Melbourne, 6- 8 October. Best paper award.
- Messinis, G. and Nielsen, J. 2010, 'Minimising Country Biases in Patent Value Statistics: A Closer Look at Forward Citations', paper presented at the IPRIA Pacific Rim Innovation Conference, 21-22 January, 2010, Intellectual Property Research Institute of Australia (IPRIA), The University of Melbourne. Available at <http://www.ipria.org/events/conf/PRI%20Conference/program.html>

10. Pyke, J. 2010, 'The Community Safety of International Students in Melbourne: An Investigation of the Key Community Safety Issues of International Students in Melbourne', paper presented at the [Australian International Education Conference](#) (AIEC), Sydney, 12-15 October.
11. Pyke, J. 2010, 'Women's Tentative Aspirations for Promotion to the Professoriate in Australia - A Case of Reluctance or Realism?', paper presented at the [International Association for Feminist Economics \(IAFFE\) Conference](#), Buenos Aires, 22-24 July.
12. Sheehan, P. 2010, 'Development Strategy and Poverty: Some Introductory Comments', presentation at the CSES Workshop on Economic Development, Poverty and Globalisation, Victoria University, Melbourne, 16 July.

Journal articles, other, 2010

1. Connell, L.M. and Doughney, J. 2010, 'Human-trafficking: Responsibility for Demand and Moral Responsibility', *Journal of Globalization for the Common Good*, Winter.
2. Houghton, J.W. 2010, 'Economic implications of alternative publishing models: Authors' response', *Prometheus*, vol. 28, no. 2, August. ISSN 0810-9028.
3. Grewal, B.S. 2010, 'Symposium on fiscal decentralization: Editor's introduction', *Public Finance and Management*, vol. 10, no. 1. ISSN 1523-9721.
4. Grewal, B., Ahmed, A. and Malhotra, P. 2010, 'Inclusive growth in India: Performance and Future Prospects', *The India Economy Review*, vol. 7, 31 May, pp. 76-83.
5. Lichtenberg, F. 2010, 'Pharmaceutical innovation and mortality in the United States, 1960-2000: A commentary on Schnittker and Karandinos', *Social Science and Medicine*, vol. 70, no. 7, pp. 969-971, at <http://www.elsevier.com/locate/socscimed>
6. Unger, B., Huor, C.S. and Grunfeld, H. 2010, 'Project iREACH: Informatics for rural empowerment and community health in Cambodia', *IEEE Communications Magazine*, Global Communications Newsletter, vol. 48, no. 10, pp. 2-4.

Book chapters, other 2010

1. Clarke, M. and Islam, S.M.N. 2010, 'Cost and benefit analysis for globalization: Some welfare implication on Thailand's globalization process', in A. Ahmed and S.M.N. Islam, *Financial Liberalisation in Developing Countries: Issues, Theories*, Springer, Heidelberg, pp. 221-248.
2. Sweeny, K. 2010, 'Smart technology for healthy longevity: Economic analysis', Report prepared for ATSE, in G. Tegart (ed.), *Smart Technology for Health Longevity*, Australian Academy of Technological Sciences and Engineering, Melbourne, pp. 65-78.
3. Weller, S.A. 2010, 'Textile industry', in W. Barf (ed.), *The Sage Encyclopaedia of Geography*, Thousand Oaks, Sage, vol. 6, pp. 2812-2818.

Papers and presentations, invited, 2010

1. English, A. 2010, 'Realising Technological Innovation and Effective Policy Implementation, Urbanisation and Rising Living Standards', *invited* presentation at the Energy Efficiency, Climate and China's Development Strategy, Realising Technological Innovation and Effective Policy Implementation, joint conference CSES and Energy Research Institute (ERI), Beijing, 9 September.
2. English, A. 2010, 'The Increased Utilisation of Natural Gas: A New International Energy Market and the Chinese Context', *invited* presentation at the Energy Efficiency, Climate and China's Development Strategy, Realising Technological Innovation and Effective Policy Implementation, joint conference CSES and Energy Research Institute (ERI), Beijing, 9-10 September.
3. Fforde, A. 2010, 'Reflections on Issues in the Contemporary Economic History of Vietnam', *invited* keynote speech presented at The '2nd Engaging with Vietnam: An Interdisciplinary Dialogue' Conference, Vietnam National University, Hanoi, 30 November -1 December, at <http://www.engagingwithvietnam.com/home>
4. Grewal, B. 2010, 'Achieving Strategic Change in a Decentralised Economy: Intergovernmental and Fiscal Challenges', *invited* presentation at the Energy Efficiency, Climate and China's Development Strategy,

- Realising Technological Innovation and Effective Policy Implementation, joint conference CSES and Energy Research Institute (ERI), Beijing, 9-10 September.
5. Houghton, J.W. 2010, 'Costs and Benefits of Alternative Publishing Models: Lessons and Developments', *invited* presentation at the Berlin 8 Open Access Conference (Berlin 8), jointly hosted by Chinese Academy of Sciences China and Max Planck Society, Germany, Beijing, 25-27 October. ([Available from Berlin8 \(Video\)](#)).
 6. Houghton, J.W. 2010, 'Economic Impacts of Open Access in Europe and the United States', *invited keynote speaker* at the Annual Munin Conference, University of Tromso, Norway, 25 November. ([Available from UIT \(Video\)](#)).
 7. Houghton, J.W. 2010, 'Economic Impacts of Open Access: Implications from Studies in Europe and the US', *invited* presentation at the Open Access Week Presentation, Deakin University, Melbourne, 21 October. ([Available from Deakin University](#)).
 8. Houghton, J.W. 2010, 'Economic Impacts of Alternative Publishing Models: Lessons and Developments', *invited* presentation at the [Third European Conference on Scientific Publishing](#), Leiden University Medical Center, the Netherlands, Leiden, 27-29 May.
 9. Rasmussen, B. 2010, 'Strains in the Global Biomedical Innovation System: Research Proposal', *invited* presentation to Medicines Australia, Melbourne, 15 October.
 10. Sheehan, P. and Zheng Xiao-ying 2010, 'Measuring the Economic Consequences of Health Innovation', *invited* presentation to the APEC Life Sciences Innovation Forum (LSIF) VIII, Sendai, Japan, 18 September.
 11. Sheehan, P. 2010, 'Rebalancing Economic Growth: Financing Innovation in Health', *invited* presentation to APEC SOM-SFOM Workshop on Growth Strategy, ADB Institute and Japanese Ministries of Finance, Foreign Affairs, and Economics, Trade and Industry, Sapporo, 1 June.
 12. Sheehan, P. 2010, 'Collaboration between the Health Working Group and LSIF in Achieving APEC Goals', *invited* presentation to APEC Health Working Group First Meeting, Sapporo, 2 June.
 13. Sheehan, P. 2010, 'Pursuing Better Public Health through Innovation: The APEC LSIF Agenda', *invited* presentation to APEC Regulatory Harmonization Workshop on Medical Devices, US Food and Drug Administration and Department of Health Taiwan, Taipei, 25-26 June.
 14. Sheehan, P. 2010, 'Innovation, Technology and Implementation Issues', *invited* presentation to the International Conference Energy, Climate and China's Development Strategy: Realising Technological Innovation and Effective Policy Implementation, joint conference CSES and Energy Research Institute (ERI), Beijing 9-10 September.
 15. Sheehan, P. 2010, 'Rebalancing China's Development Path: Issues, Constraints and Opportunities', *invited* presentation at the Energy Efficiency, Climate and China's Development Strategy, Realising Technological Innovation and Effective Policy Implementation, joint conference CSES and Energy Research Institute (ERI), Beijing, 9-10 September.
 16. Sweeny, K. 2010, 'PBS Reforms: Past, Present and Future', *invited* presentation at the 7th Annual Future of the PBS Conference, Sydney, 22 April.
 17. Sweeny, K. 2010, 'Policies for Low Emissions from Motor Vehicles: Policy Roadmap for Energy Efficient Motor Vehicles', *invited* presentation at the Energy Efficiency, Climate and China's Development Strategy, Realising Technological Innovation and Effective Policy Implementation, joint conference CSES and Energy Research Institute (ERI), Beijing, 9 September.
 18. Sweeny, K. 2010, 'Policies for Low Emissions from Motor Vehicles: Policy Roadmap for Energy Efficient Motor Vehicles', *invited* presentation at the Energy Efficiency, Climate and China's Development Strategy, Realising Technological Innovation and Effective Policy Implementation, joint conference CSES and Energy Research Institute (ERI), Beijing, 9-10 September.

CSES research reports, 2010

1. English, A., Sheehan, P. and Grewal, B. 2010, *The Transition to a Low Carbon Economy: Implementation Issues and Constraints within China's Changing Economic Structure*, Report to Department of Climate Change (Canberra), CSES, Melbourne, June.
2. English, A., Sheehan, P. and Wilson, P. 2010, *Identifying Policies and Implementation Strategies for Improving Energy Efficiency: Case Study 3: Increased Utilisation of Natural Gas*, Final Report to Department of Climate Change, June.

3. Houghton, J., Rasmussen, R. and Sheehan, P. 2010, *Economic and Social Returns on Investment in Open Archiving Publicly Funded Research Outputs*, Report to Scholarly Publishing and Academic Resources Coalition (SPARC) (Washington DC), CSES, Victoria University, Melbourne, July, at <http://www.arl.org/sparc/vuFRPAA/index.shtml>
4. Houghton, J.W., Swan, A. and Brown, S. 2011, *Access to Research and Technical Information in Denmark, Forsknings- og Innovationsstyrelsen and Denmark's Electronic Research Library*, Report to The Danish Agency for Science, Technology and Innovation (FI) and Denmark's Electronic Research Library (DEFF), April, at <http://www.fi.dk/publikationer/2011/adgang-til-forskningsresultater-og-teknisk-information-i-danmark>
5. Jolly, R. and English, A. 2010, *Identifying Policies and Implementation Strategies for Improving Energy Efficiency: Case Study 2: Energy Efficient Air Conditioners*, Final Report to Department of Climate Change, June.
6. Rasmussen, B., Sheehan, P., Welsh, A., Maharaj, N., Van Hulten, A., Weller, S. and Hurley, K. 2010, *Updating Melbourne's West*, Final Report to Vice Chancellor, Victoria University, CSES, Melbourne.
7. Sheehan, P. and Sweeny, K. 2010, *Industry Policy in the Transition to a Low Carbon Economy*, Report prepared for Department of Innovation, Industry and Regional Development, Melbourne, July.
8. Sheehan, P., English, A., Grewal, B., Sweeny, K. and Jolly, R. 2010, *More Sustainable Energy Use in China: Economic Structure and the Application of New Technologies*, Final Report to Department of Climate Change, June.
9. Sweeny, K. 2010, *Smart Technology for Healthy Longevity: Economic Analysis*, Report prepared for Australian Academy of Technological Sciences and Engineering, Melbourne, January.
10. Sweeny, K. and English, A. 2010, *Identifying Policies and Implementation Strategies for Improving Energy Efficiency: Case Study 1: High Fuel Efficiency Motor Vehicles*, Final Report to Department of Climate Change, June.
11. Sweeny, K. and Grubert, N. 2010, *Pharmaceutical Pricing and Reimbursement in Australia*, Decision Resources, Burlington, October 2010.
12. Sweeny, K. and Rasmussen B. 2010, *CDM-Net Project Final Report, Section 7*, Precedence Healthcare, Melbourne, January.
13. Tegart, G. 2010, *Smart Technology for Health Longevity*, Report of a Study by the Australian Academy of Technological Sciences and Engineering, Melbourne, May.

Documentary, 2010

Ben Moshe, D. 2010, 'The End of the Rainbow', Documentary, ABC2 Television, 27 June, 7.30 pm.

PhD and DBA theses submitted, 2010

Thi Thanh Van Hoang (PhD), *Urban Planning and the Place Marketing Model: An Application to Cities and Provinces in Viet Nam*.

Valerie McGown (PhD), *The Effectiveness of Quality Control Systems in Australia and Japan: A Comparative Analysis*.

Kumudini Heenetigala (DBA), *Corporate Governance Practices and Firm Performance of Listed Companies in Sri Lanka*.

CSES seminar series presentations, 2010

1. Ben-Moshe, D. and Pyke, J. 2010, 'Diasporas in Australia: Exploring Current and Potential Transnational Linkages', paper presented at the CSES Seminar Series 2010, Melbourne, 25 August.
2. Brumby, J. 2010, 'Public Finance Management Innovations to Support Growth and Development', paper presented at the CSES Seminar Series 2010, Melbourne, 10 December.
3. English, A. 2010, 'China's Transition to a Low Carbon Economy: Economic Structure, Energy, Emissions and Innovation', paper presented at the CSES Seminar Series 2010, Melbourne, 11 August.
4. Gedik, Y. 2010, 'Geographical Localization of Knowledge Flows', paper presented at the CSES Seminar Series 2010, Melbourne, 8 September.
5. Kulendran, N. 2010, 'Seasonal Variation versus Climate variation for Australian Tourism', paper presented at the CSES Seminar Series 2010, Melbourne, 6 October.
6. Lichtenberg, F. 2010, 'Has Medical Innovation Reduced Cancer Mortality?', paper presented at the CSES Seminar Series 2010, Melbourne, 28 April.
7. Liddle, B. 2010, 'Investigating the Energy, Economic Growth, Urbanization Nexus in Developed and Developing Countries via a Production Function with Urbanization as a Shift Factor and Panel Cointegration', paper presented at the CSES Seminar Series 2010, Melbourne, 18 August.

8. Messinis, G. 2010, 'Ethnicity, Diversity and Achievement in Tertiary Education: Some Australian Evidence', paper presented at the CSES Seminar Series 2010, Melbourne, 20 October.
9. Nicolau, D. 'Regional Systems of Innovation in Australia and How to Measure Them', paper presented at the CSES Seminar Series 2010, Melbourne, 14 July.
10. Pyke, J. 2011, 'Diasporas in Australia: Exploring Current and Potential Transnational Linkages', paper presented at the CSES Seminar Series 2010, Melbourne, 25 August.
11. Tran Van Hoa 2010, 'Democracy and Growth', paper presented at the CSES Seminar Series 2010, Melbourne, 28 July.
12. Weller, S. 2010, 'Developing a Competitive ARC Research Plan and Proposal', paper presented at the CSES Seminar Series 2010, Melbourne, 22 September.
13. Zhang, C. 2010, 'Cultural Influence on China's Household Saving and its Role in Sustainable Development: A Conceptual Framework', paper presented at the CSES Seminar Series 2010, Melbourne, 17 November.

External seminars, 2010

1. Jones, R. 2010, 'Climate Change: Understanding the Facts', presentation at the Leadership Victoria Williamson Community Leadership Program Seminar 3: What is a Low Carbon Future?, Melbourne, 14 May 2010.
2. Lichtenberg, F. 2010, 'Has Medical Innovation Reduced Cancer Mortality?', paper presented at the Crawford Seminars, Crawford School of Economics and Government, Australian National University, Canberra, 20 April.
3. Messinis, G. 2010, 'Ethnicity, Diversity and Achievement in Tertiary Education: The Case of Victoria University', paper presented at University of Melbourne, Department of Economics, Seminar Series, Melbourne, 10 November .
4. Messinis, G. 2010, 'Ethnicity, Diversity and Achievement in Tertiary Education: Some New Evidence', paper presented at La Trobe University, School of Economics and Finance, Seminar Series, Melbourne, 5 November.

External working papers, 2010

- Jones, R.N. 2010, 'The Use of Scenarios in Adaptation Planning: Managing Risks in Simple to Complex Settings', Working Paper for Victorian Centre for Climate Change Adaptation Research (VCCCAR) Scenarios Project, 17 pp.
- Lichtenberg, F.R. 2010, 'Has Medical Innovation Reduced Cancer Mortality?', NBER Working Paper No. 15880, April, National Bureau OF Economic Research, Cambridge, Mass., at: <http://www.nber.org/papers/w15880>

CSES working papers, 2010

- Jones, R.N. and Sheehan, P. 2010, 'Containing Global Warming after Copenhagen: One-shot and Learning-by-doing Approaches, CSES Climate Change Working Paper No. 16, CSES, Victoria University, Melbourne.
- Van Hulten, A. 2010, 'Global Flows, Gentrification and Displacement in Melbourne's Inner West', CSES Working Paper No. 49, June, CSES, Victoria University, Melbourne.
- Messinis, G. and Ahmed, A. 2010, 'Cognitive Skills, Innovation and Technology Diffusion', CSES Working Paper No. 48, June, CSES, Victoria University, Melbourne.
- Messinis, G. and Ahmed, A. 2010, 'Innovation, Technology Diffusion and Poverty Traps: The Role of Valuable Skills', CSES Working Paper No. 47, March, CSES, Victoria University, Melbourne.

Journal articles submitted, 2010

1. Jones, R.N. and Sheehan, P. 2010, 'Containing global warming after Copenhagen: One-shot and learning-by-doing approaches', submitted to *Climatic Change*. ISSN 0165-0009.
ERA Ranking A
ISI 3.635
2. Liddle, B. and Lung, S. 2010, 'Energy consumption and GDP causality: New evidence from disaggregated data, panel cointegration, and developed and developing countries', revised and resubmitted to *Energy Policy*. ISSN 0301-4215.

- ERA Ranking B
ISI 2.436
3. Liddle, B. 2010, 'The energy, economic growth, urbanization nexus in developed and developing countries: A panel cointegration approach', revised and resubmitted to *Energy Economics*. ISSN 0140-9883.
ERA Ranking A
ISI 2.333
 4. Liddle, B. 2010, 'Long-run and short-run elasticities for gasoline demand in OECD countries: A panel cointegration approach', revised and resubmitted to *Journal of Transportation Economics and Policy*. ISSN 0022-5258.
ERA Ranking A
ISI 0.795
 5. Liddle, B. 2010, 'OECD energy intensity: Measures, trends, and convergence', to be revised and resubmitted at *Energy Efficiency*. ISSN 1570-646X.
ERA Ranking –
 6. Liddle, B. 2010, 'Population, affluence, and environmental impact across development: Reconsidering STIRPAT for cointegration modelling', to be revised and resubmit to *Environmental Modeling and Software*. ISSN 1364-8152.
ERA Ranking A
 7. Liddle, B. 2010, 'Projecting environmental impact in the OECD to 2050: The importance of age structure and uncertainty', revised and resubmitted to *International Journal of Sustainable Development*. ISSN 0960-1406.
ERA Ranking C
 8. Rasmussen, R. and Tanner, A. 2010, 'Developing the biopharmaceutical sectors in Australia and Canada: An innovation system approach', submitted to *Technological Forecasting and Social Change*. ISSN 0040-1625.
ERA Ranking A
ISI 1.776
 9. Tran Van Hoa 2010, 'ASEAN-India economic, trade and integration relations: Modelling challenges and opportunities', submitted to *Journal of Quantitative Economics*. ISSN 0971-1554.
ERA Ranking B.
 10. Weller, S. and van Hulst, A. 2010, 'Misleading technologies: The measurement of disadvantage in Australia', submitted to *Environment and Planning A*. ISSN 0308-518X.
ERA Ranking A
ISI 1.763
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 12. Weller, S. 2010, 'Regional dimensions of the transition to a low carbon economy: Resilience, adaptation or transformation?', revised version resubmitted *Regional Studies*. ISSN 0034-3404.
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Hare, J. 2010, 'PM cracks glass ceiling, unis call in glaziers', *Campus Review*, 15 August.

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Awards, 2010

Lou, X. 2010, Best Paper Award at the 3rd Symposium 2010, Federation of Chinese Scholars in Australia for paper 'Optimization Model in E-Supply Chain Management for Small and Medium Enterprises', Melbourne, 6-8 October.

CSES Research Associates

External		
1.	Dr Abdullahi Ahmed	Senior Lecturer Central Queensland University
2.	Dr Sanjoy Bose	Lecturer and Director Executive Education Graduate School of Management, La Trobe University
3.	Prof. Nicolae Bulz	Associate Professor National Defence College, Bucharest, Romania
4.	Dr Enjiang Cheng	Research Director International Poverty Reduction Center of China
5.	Dr Matthew Clark	Senior Lecturer Deakin University
6.	Dr Ohidul Haque	CEO IIBASS
7.	Dr Hans Lofgren	Senior Lecturer Politics and Public Policy, Deakin University
8.	Mr Ainsley Jolley	
9.	Dr K.B. Oh	Senior Lecturer Graduate School of Management, La Trobe University
10.	Dr Tri Dung Lam	Senior Lecturer Australian College of Kuwait
11.	Dr Prabodh Malhotra	Senior Lecturer Australian College of Kuwait
12.	Dr Kashif Rashid	
13.	Dr Mohammad Rusydi	Senior Lecturer Universiti Brunei Darussalam, Brunei
14.	Dr Fiona Sun	
15.	Dr Sethapong (Paul) Watanapalachaikul	
Internal		
1.	Shameem Ali	Lecturer School of International Business
2.	Associate Prof. Anona Armstrong	Professor Victoria Law School
3.	Dr Steve Bakalis	Senior Lecturer School of International Business
4.	John Bentley	Director (International Development) International Office of the Vice President
5.	Roberto Bergami	Senior Lecturer School of International Business
6.	Dr Nick Billington	Senior Lecturer School of Management and Information Systems
7.	Megan Bowman	Lecturer Victoria Law School
8.	Prof. John Breen	Head School of Accounting and Finance
9.	Dr Richard Chauvel	Senior Lecturer School of Social Sciences and Psychology
10.	Dr Sarath Divisekera	Senior Lecturer School of International Business
11.	David Fan	Lecturer School of Management and Information Systems
12.	Dr Michelle Fong	Senior Lecturer School of Accounting and Finance
13.	Romana Garma	Lecturer School of International Business
14.	Charles Giacco	Lecturer Law Victoria Law School
15.	Richard Gough	Senior Lecturer School of Management and Information Systems
16.	Dr P.J. Gunawardana	Senior Lecturer School of International Business

17. Hikaru Horiguchi	DBA Scholar	Victoria Graduate School of Business
18. Ranjith Ihalanayake	Lecturer Quantitative Economics	School of Accounting and Finance
19. Maria Italia	Lecturer	School of Accounting and Finance
20. Dr Kandiah Jegasothy	Senior Lecturer	School of Accounting and Finance
21. Prof. Brian King	Professor	School of International Business
22. Dr Michael Longo	Associate Professor	Victoria Law School
23. Dr Sidney Lung	Lecturer	School of Accounting and Finance
24. Dr Muhammad Mahmood	Senior Lecturer	School of International Business
25. Dr Karen Manning	Senior Lecturer	School of Management and Information Systems
26. Dr Alex Manzoni	Teacher	School of Business, Hospitality and Personal Services, TAFE
27. Prof. John McLaren	Emeritus Professor	Office of the Executive Dean
28. Mario Miranda	Senior Lecturer	School of International Business
29. Dr Theo Papadopoulos	Associate Professor	Educational Development Unit
30. Maria Prokofieva	Lecturer	School of Accounting and Finance
31. Dr Lalith Seelanatha	Lecturer	School of Accounting and Finance
32. Dr Jordan Shan	Associate Professor	School of International Business
33. Salina Siddique	Lecturer - Accounting	School of Accounting and Finance
34. Robert Sims	Education Developer	Educational Development Unit
35. Jasbir (Jesse) Singh	Lecturer	School of International Business
36. Michael Spisto	Senior Lecturer	Victoria Law School
37. Dr John Tippet	Senior Lecturer	School of Accounting and Finance
38. Dr Jo Vu	Senior Lecturer	School of Accounting and Finance
39. Dr Despina Whitefield	Senior Lecturer	School of Accounting and Finance
40. Dr Guneratne Wickremasinghe	Senior Lecturer	School of Accounting and Finance
41. Lily Wong	Senior Lecturer	School of Accounting and Finance
42. Bruno Zeller	Associate Professor	Victoria Law School
43. Ming Zhou	Lecturer	Victoria Law School
44. Dr Segu Zuhair	Senior Lecturer	School of Accounting and Finance
