



Australian School of Business

Centre for Applied Economic Research

Never Stand Still

Australian School of Business

Centre for Applied Economic Research

Annual Report 2012

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1. Centre for Applied Economic Research (CAER) – key facts

1.1 Presiding Faculty

Australian School of Business (ASB)

1.2 Other schools and faculties with which CAER interacts

Within UNSW

School of Economics, ASB

School of Banking and Finance, ASB

School of Taxation and Business Law, ASB

Industrial Relations Research Centre (IRRC)

ARC Centre of Excellence in Population Ageing Research (CEPAR)

UNSW Law

Faculty of Built Environment, UNSW

School of Social Sciences, UNSW

Outside UNSW

Centre for Health Economics Research and Evaluation (CHERE), UTS

UTS Business School

UTS School of Mathematical Sciences

Department of Economics, Macquarie University

Department of Economics, University of Sydney

Department of Economics, University of Western Sydney

Vancouver School of Economics, the University of British Columbia

Stephen M. Ross School of Business, University of Michigan

Department of Economics, Boston University

Department of Economics, University of Wisconsin

MIT Center for Real Estate (Cambridge MA)

Real Estate Department, Wharton Business School, University of Pennsylvania

Paul Milstein Real Estate Center, Columbia Business School, New York

John F. Kennedy School of Government, Harvard University

Ziman Center for Real Estate, UCLA

National University of Singapore Business School

Australian Bureau of Statistics

Australian Productivity Commission

Reserve Bank of Australia

Australian Council of Learned Academies (ACOLA)

Herbert Smith Freehills law firm (Sydney)

Property Council of Australia

Statistics Netherlands

1.3 Governance and management of CAER

Director

Professor Kevin Fox, School of Economics, UNSW

Deputy Director

Associate Professor Peter Kriesler, School of Economics, UNSW

Steering Committee

Professor Kevin Fox (Director)

Associate Professor Peter Kriesler (Deputy Director)

Associate Professor Michael Johnson (School of Social Sciences, UNSW)

Professor Alec Cameron (ASB Dean)

1.4 CAER's research groups and their members in 2012

CAER's research activities are carried out through its research groups where each group focuses on a specialised research area. The following is a list of CAER's research groups and their members during 2012:

Health Economics Group 2012

Professor Denzil Fiebig - School of Economics, UNSW

Professor Denise Doiron - School of Economics, UNSW

Dr. Isabella Dobrescu - School of Economics, UNSW

Dr. Marian Vidal-Fernandez - School of Economics, UNSW

Agne Suziedelyte – PhD student/Postdoctoral Research Fellow, School of Economics, UNSW

Hong Il Yoo - PhD student, School of Economics, UNSW

Chunzhou Mu - PhD student, School of Economics, UNSW

Gaoyun (Sophie) Yan - PhD student, School of Economics, UNSW

Economic History and History of Economic Thought Group 2012

Professor Geoff Harcourt – School of Economics, UNSW

Professor John Nevile - School of Economics, UNSW

Associate Professor Peter Kriesler, School of Economics, UNSW

Associate Professor Elisabetta Magnani – School of Economics, UNSW

Dr. Gigi Foster – School of Economics, UNSW

Dr. Barrie Dyster – School of Economics, UNSW

Professor Raja Junankar – The Industrial Relations Research Centre (IRRC), UNSW

Associate Professor Michael Johnson, School of Social Sciences, UNSW

Dr. Joseph Halevi – University of Sydney

Professor John Lodewijks – University of Western Sydney

Dr. Neil Hart – University of Western Sydney

Herbert Smith Freehills Initiative on Law and Economics¹ 2012

Professor Richard Holden, Initiative Director - School of Economics, UNSW

Professor Rosalind Dixon, Initiative Deputy Director - UNSW Law

¹ Hereafter: Law and Economics Initiative Group.

Real Estate Initiative Group 2012

Professor Kevin Fox - School of Economics, UNSW

Professor Erwin Diewert - School of Economics, UNSW and Vancouver School of Economics, the University of British Columbia

Associate Professor Glenn Otto - School of Economics, UNSW

Dr. Nigel Stapledon – School of Economics, UNSW

Dr. Mariano Kulish - School of Economics, UNSW

Dr. Iqbal Syed - Postdoctoral Research Fellow, CAER

Xiangling Liu - PhD student, School of Economics, UNSW

Andrew Roberts – UNSW alumnus and key founder of the Real Estate Initiative Group

Economic Measurement Group 2012

Professor Kevin Fox - School of Economics, UNSW

Professor Erwin Diewert - School of Economics, UNSW and Vancouver School of Economics, the University of British Columbia

Associate Professor Glenn Otto - School of Economics, UNSW

Dr. Iqbal Syed - Postdoctoral Research Fellow, CAER

Amani Elnasri - PhD student, School of Economics, UNSW

Changtao (William) Wang - PhD student, School of Economics, UNSW

Hongjia Zhu - PhD student, School of Economics, UNSW

Frederique Goy - PhD student, School of Economics, UNSW

Joaquin Vespignani - PhD student, School of Economics, UNSW

Zoran Peroski - PhD student, School of Economics, UNSW

1.5 CAER's administrative and professional staff in 2012

The Director of CAER also had the role of Head of Economics in 2012. Administrative support was provided principally by the School Manager Fei Wong, who had earlier worked as CAER administrative officer before joining Economics. Following her mid-year departure to become General Manager of UNSW Law, new School Manager Hugh McCuiag provided administrative support for two months from October.

Additional administrative support was provided by the School of Economics and the ASB, mainly consisting of HR, IT, finance and workshops/visitors organization support.

1.6 CAER's Mission, Objectives and History**Mission**

CAER's principal mission is to undertake, support and advance applied economic research in established or emerging areas of high research priority so as to deliver benefits to the academic and broader communities, both within Australia and world-wide. In achieving its mission CAER may also play a role, where appropriate, in developing and advancing educational activities. CAER's research activities are carried out through its research groups where each group focuses on a specialised research area. In selecting its research groups and agenda CAER gives great emphasis on interdisciplinary and multidisciplinary research, thus complementing and exceeding the research activities and outcomes that can be achieved by individual schools and faculties. It also ensures that its research activities align with the strategic goals and priorities of UNSW.

Objectives

In pursuing its mission CAER has the following strategic objectives:

- Carry out, encourage and enhance applied economic research with an interdisciplinary and multidisciplinary focus that addresses current policy issues both within Australia and globally.
- Encourage and support collaborative research across schools and faculties both at the national and the international level.
- Support and facilitate research training and career opportunities for outstanding Australian and international students and researchers.
- Build and enhance UNSW research capacity and outcomes through stimulating network opportunities and exposure to cutting-edge research.
- Raise the profile, around Australian and internationally, of applied economic research at UNSW.

History

Founded in 1976 CAER is one of the oldest centres in the University and the first centre to be established in the former Faculty of Commerce and Economics (now the Australian School of Business). CAER's primary emphasis is on applied economic research relevant to policy issues. For more than thirty years a significant body of such research has been carried out and the results published in academic journals, books and the Centre's own publications. CAER's work is valued by its internal and external stakeholders and its years of built up impact have contributed to its brand name achieving a high level of external recognition. CAER is proud of its contribution to UNSW and the broader community. It remains relevant, having changed with times, and continues to attract top class international visitors, research funding and research collaborations.

2. CAER's performance in relation to its identified objectives

The following is a summary of CAER's performance in relation to its identified objectives during 2012. A detailed description of CAER's operations in 2012 is provided in the following sections.

- Carry out, encourage and enhance applied economic research with an interdisciplinary and multidisciplinary focus that addresses current policy issues both within Australia and globally.

CAER's research activities are carried out and advanced through its research groups. Moving towards boosting CAER's cross-disciplinary research activities and further developing its profile, there were established within CAER in 2012 the following three new research groups:

Real Estate Initiative Group

With the encouragement and support of UNSW alumnus, Mr. Andrew Roberts, a Real Estate Initiative was established in CAER in 2012. It is a multi-disciplinary initiative, with collaboration between CAER, ASB, Faculty of Law (UNSW Law) and the Faculty of Built Environment. The Real Estate Initiative has been established to develop a research program to explore real estate-related issues from multidisciplinary perspectives and also to develop education programs to boost skills in the sector.

Law and Economics Initiative Group

While the field of law and economics has gained increasing prominence in the US over the last few decades in almost all areas of law (private, public and international), this has not been the case for the Australian academia. In 2012 the Herbert Smith Freehills Initiative on Law and Economics was established in CAER to bridge this gap. The initiative is a collaboration between CAER, ASB, UNSW Law and the Herbert Smith Freehills law firm (Sydney). Its main goals are to help establish law and economics in the Australian academia, begin a dialogue with practitioners about developments in the field and developments in practice, and to establish UNSW as a key leader in the field. Because law and economics is an inherently interdisciplinary field, the initiative is expected to stimulate and foster interaction and engagements between different schools and centres of the ASB and UNSW Law.

Economic History and History of Economic Thought Group

In 2012 the Economic History and History of Economic Thought Group was established within CAER. It involves the collaboration between CAER, the School of Economics and the Industrial Relations Research Centre (IRRC). The research undertaken by the group is concerned with the history of policy, both in the sense of the economics idea which generates policy, and with the policy itself and its impact on society. The group research areas include: economic history of Australia, economic history of Europe, economic history of Asia, history of economic policy and history of economic thought.

In addition, the following two research groups continued to be active during 2012:

Health Economics Group

The Health Economics research group is actively involved in developing, applying and evaluating economic and econometric methods for analysing the behaviour of patients, providers, managers and other decision makers in the health system. Governments play an especially important role in the funding of health care services, making the evaluation of government policy initiatives a key element of the group's focus. The research areas of the group include: utilisation of health services, private health insurance, modelling the doctor-patient relationship and health workforce issues.

Economic Measurement Group

The appropriate measurement of economic variables is of high importance as data of economic variables is used by a wide range of researchers and policy decision makers, spanning the social sciences, humanities and the physical sciences. Therefore, the research undertaken by the Economic Measurement group is dedicated to improving measurement techniques of economic variables to more accurately reveal empirical facts. To achieve its aim the group applies advanced and innovative tools from economic theory, econometrics, aggregation theory, experimental economics, mathematics, and statistics. The group research areas include: performance measurement, inflation measurement, index number theory, functional form specification and measurement issues in international comparisons.

CAER's diverse research activities clearly indicate its role in leading research that crosses discipline boundaries, and as such it adds great value to UNSW research capabilities and significantly contributes to promoting the UNSW research brand. The establishment of the new three research groups demonstrates CAER's on-going commitment to fostering new research initiatives of policy importance in alignment with the areas of research strength of UNSW.

- Encourage and support collaborative research across schools and faculties both at the national and the international level.

CAER's collaborative research during 2012 is demonstrated by its following undertakings:

- During 2012 the Heath Economics group took part in two collaborative research projects. The first project, "the training and job decisions of nurses: an integrated approach using panel surveys and dynamic discrete choice experiments", is part of an Australian Research Council Discovery Grant which involves collaboration with the Centre for Health Economics Research and Evaluation (CHERE) at UTS, the UTS Business School and UTS School of Mathematical Sciences. The second project, "Risk management and funding structures: An econometric panel data analysis of health insurance in Australia", is part of an Australian Research Council Discovery Grant which involves collaboration with UTS Business School, the Centre for Health Economics Research and Evaluation (CHERE) at UTS, Stephen M. Ross School of Business at the University of Michigan, the Department of Economics at Boston University and the Department of Economics at Macquarie University.
- During 2012 the Economic Measurement group carried out the research project: "Tackling the Tough Problems in Productivity Measurement: Infrastructure, Services and R&D". This project is part of an Australian Research Council Linkage Grant which involves collaboration with the Australian Bureau of Statistics, the Productivity Commission and the Reserve Bank of Australia.
- CAER contributes to an interdisciplinary research through its collaboration with the Industrial Relations Research Centre (IRRC) on the publication of the refereed journal *Economic and Labour Relations Review* (ELRR). The journal's focus is on contemporary issues, developments and policy-making in the fields of economics and labour relations. In 2012 CAER Deputy Director Associate Professor Peter Kriesler and CAER members, Professor Raja Junankar and Associate Professor Michael Johnson, were three of its executive editors. CAER members Emeritus Professor John Nevile and Emeritus Professor Geoff Harcourt were members of the editorial committee. In 2012 The Economic and Labour Relations Review (ELRR) celebrated its 23rd year. It was published four times a year (an increase relative to previous years) and gained its first JCR impact factor rating.
- In 2012 CAER supported international collaboration and stimulated its research activities by hosting sixteen distinguished international visitors.

- As a research centre, CAER's collaborative activities are mainly concentrated on research. However, CAER also undertakes educational collaborative activities where they are deemed appropriate in achieving its mission. In 2012 a proposal for a new major in real estate studies within the undergraduate Bachelor of Commerce programme was initiated and developed by the Real Estate Initiative group of CAER in response to strong industry demand. As part of the development of the new proposal CAER members had discussions with the School of Banking and Finance (ASB), the School of Economics (ASB), the School of Taxation and Business Law (ASB) and the Faculty of Built Environment, all of which were planned to take part in the delivery of the new proposed major. To ensure that the new proposal aligns with industry needs and demands, CAER members of the Real Estate Initiative group had discussions on the draft proposal with Property Council of Australia, an industry body which represents the broader real estate sector. Furthermore, businesses in the sector were surveyed to ascertain the magnitude of support for graduates with a real estate major. A majority of these firms indicated that they were keen to offer internships to students taking the new proposed real estate major.

➤ Support and facilitate research training and career opportunities for outstanding Australian and international students and researchers.

During 2012 CAER members have supervised four Honours students and thirteen PhD students. CAER supported the appointment of early career academic Dr. Mariano Kulish and employed one postdoctoral research fellow (Dr. Iqbal Syed). Two early career academics (Dr. Isabella Dobrescu and Dr. Marian Vidal-Fernandez) participated in its research groups. CAER's support and mentoring of UNSW postgraduate students and early career researchers was further enhanced by hosting international visitors and organizing workshops and events. CAER not only encouraged the involvement of UNSW postgraduate students and early career researchers in these visits and workshops, but it also ensured that they receive the opportunity to formally present their work. In 2012 three UNSW PhD students (Amani Elnasri, William Wang and Hongjia Zhu) presented at the workshops that CAER organized.

➤ Build and enhance UNSW research capacity and outcomes through stimulating network opportunities and exposure to cutting-edge research.

CAER's commitment to building and enhancing UNSW research capacity and outcomes is shown by the following activities undertaken in 2012:

Visitors

In 2012 CAER supported international collaboration by hosting sixteen international visitors. These visits of distinguished and internationally-recognized visitors assist stimulating CAER's research activities and provide staff and students the possibility of interactions with leading researchers in diverse areas of investigation.

Workshops

In 2012 CAER organized two workshops, the Economic Measurement Group Workshop and the Health Economics Workshop, as part of its objective of helping academics and students become leading and internationally-recognised researchers. These workshops typically involve academics from overseas and around Australia, and representatives from the public and private sectors. The success of these workshops has led them to become regular and well-attended events of international standing. Events such as these provide a stimulus to research at UNSW and great exposure to recent developments in diverse research areas.

Academic, industry and government engagements

In 2012 CAER continued to foster its links with the broader academic community and the public sector:

- PhD student Hongjia Zhu of CAER's Economics Measurement Group presented his research on productivity issues at the Australian Bureau of Statistics.
- Associate Professor Glenn Otto served as external reviewer of the Productivity Commission Staff Working Paper: "Productivity in Electricity, Gas and Water: Measurement and Interpretation," written by Vernon Topp and Tony Kulys.
- Professor Kevin Fox was a member of the Australian Bureau of Statistics Methodology Advisory Committee, a member of the Australian Bureau of Statistics Productivity Measurement Reference Group and a member of the International advisory board of the International Productivity Monitor. He was also a member and subgroup leader of "The role of science, research and technology in lifting Australia's productivity," Australian Council of Learned Academies (ACOLA) Expert Working Group reporting to the Prime Minister's Science Engineering and Innovation Council.
- Professor Kevin Fox and Mr. Andrew Roberts have visited the MIT Center for Real Estate (Cambridge MA), the Real Estate Department at Wharton Business School (University of Pennsylvania) and the Paul Milstein Real Estate Center (Columbia Business School, New York) during July 2012 so as to learn from leading real estate centres and groups about their teaching and research programs as well as their engagement with industry and alumni. In addition, they attended the real estate sessions of the NBER Summer Institute, and have developed relationships with key international researchers in the field, including Ed Glaeser (Harvard), Joe Gyourko (Wharton), William Wheaton (MIT), Walter Torous (UCLA), Stephen Oliner (UCLA), Stuart Rosenthal (Syracuse), Yongheng Deng (National University of Singapore), Chris Mayer (Columbia) and Lynne Sagalyn (Columbia).

➤ Raise the profile, around Australian and internationally, of applied economic research at UNSW.

To enhance the profile of UNSW's high-impact research and researchers CAER publishes and communicates its research achievements in journals and outlets of the highest standing internationally. In 2012 members of CAER wrote four books and published six book chapters. They also published thirty one articles in highly regarded international refereed journals, two non-refereed scholarly articles, one conference volume and seven papers in the ASB series of discussion papers.

In 2012 CAER organized the Economic Measurement Group Workshop and the Health Economics Workshops. Events such as these raise the profile of applied economic research at UNSW in the broader community and strengthen CAER's position as a leading research centre in the region. In addition, CAER and the School of Economics organized a symposium in honour of Emeritus Professor John Nevile on October 10th 2012. This special event celebrated the distinguished career of John on the occasion of his 80th birthday and was dedicated to economic and public policy ideas that have been close to John's own research interests and contributions. A number of distinguished Australian economists from academia, industry and public policy circles presented topics in John's honour.

The scholarly achievements of CAER's members in 2012 further contributed to its community impact. In particular,

- Professor Denzil Fiebig was an invited discussant at the Third Australasian Workshop on Econometrics and Health and an invited keynote speaker at the Conference of the Australian Health Economics Society.
- Professor Kevin Fox was a Fellow of the Academy of the Social Sciences in Australia, a member of the Conference on Research in Income and Wealth 2012 and a council member of the International Association for Research in Income and Wealth.

- Professor Geoff Harcourt served as an Emeritus Reader in the History of Economic Theory (*ad hominem*) and Emeritus Fellow at the Jesus College, Cambridge.
- Dr. Nigel Stapledon was an invited speaker at the Conference on Commodity Price Volatility, Past and Present which was organized by the Centre for Economic History and Centre for Applied Macroeconomic Analysis at ANU.
- Early career academic Dr. Marian Vidal-Fernandez and PhD student Hong Il Yoo both received the Early Career Researcher Award of the Australian Health Economics Society.

It is evident that CAER's work is valued by external stakeholders and its brand name has achieved a significant level of recognition.

In summary, CAER delivers its stated mission and objectives in a financially sustainable manner and continues to add significant value to UNSW's mission.

3. Statement of financial performance certified by the ASB Finance Manager for the year ended 31 December 2012

Centre for Applied Economics Research (UNSW) - CAER

Statement of Financial Performance for the Year Ended 31 December 2012

		Notes	2012 \$	2011 \$
Funds				
	Research Revenue	1	75,000.00	75,000.00
	Donations			
	Fees			
	Faculty Funds			
	UNSW Operating Funds			
	Sundry Other Revenue		1.16	42.11
Total Funds			<u>75,001.16</u>	<u>75,042.11</u>
Costs				
	People Costs			63,240.94
	Scholarship Stipends			(5,295.90)
	Contract & Consulting Services			2,635.00
	Repairs and Maintenance			
	Consumables			
	Travel		72.44	(3,898.42)
	Equipment			
	Other Expenses		4,545.45	35,624.75
	Contract Research Overhead			
	Internal Expense		13.15	228,649.92
Total Costs			<u>4,631.04</u>	<u>320,956.29</u>
Operating result			70,370.12	(245,914.18)
Cashflow from operating activities		2	55,245.12	(245,914.18)
Opening Balance			154,218.81	400,132.99
Adjustment of Prior Year Closing balance		3	35,741.75	
Closing Balance			<u>245,205.68</u>	<u>154,218.81</u>

Notes to the Statement of Financial Performance

- 1 Research revenue consisted of \$20,000 from Productivity Commission and \$55,000 from Australian Bureau of Statistics.
- 2 2012 Cashflow from operating activities was derived from Operating result, adjusted for increase in Accounts Receivable of \$15,125 at the end of the reporting period. This amount represented unpaid invoices at 31/12/2012.
- 3 Executive Education Project surplus was retained by CAER at year end.

CONFIRMED TO UNSW LEDGER

Robert Owens
Finance Manager
Australian School of Business

Date

31-Mar-14

Additional notes:

- All financial matters of the Economic and Labour Relations Review (ELRR) journal are administrated by the Industrial Relations Research Centre (IRRC) and are reported in the IRRC financial statements.
- In 2012, UNSW alumnus, Mr. Andrew Roberts, has gifted \$300,000 to CAER to support the development of the Real Estate Initiative. The funds were deposited to UNSW Foundation accounts. The expenses of the Real Estate Initiative are administrated through an FC101 project on UNSW accounts. Every year funds from the UNSW Foundation accounts are transferred to the FC101 project to cover the expenses and appear as donation income in the

FC101 project. The FC101 project of the Real Estate Initiative (PS29139) was erroneously set up within the School of Economics Department ID (instead of CAER) hence is not included in the above statement. The ASB Finance was notified to correct this error.

- In 2012 Herbert Smith Freehills have gifted \$643,000 to CAER to support the development of the Law and Economics Initiative. The funds were deposited to UNSW Foundation accounts. The expenses of the Law and Economics Initiative are administrated through an FC101 project on UNSW accounts. Every year funds from the UNSW Foundation accounts are transferred to the FC101 project to cover the expenses and appear as donation income in the FC101 project. The FC101 project of the Law and Economics Initiative (PS30029) was erroneously set up within the School of Economics Department ID (instead of CAER) hence is not included in the above statement. The ASB Finance was notified to correct this error.

4. Details of research grants and projects associated with CAER during 2012

The following is a list of research grants and projects held by CAER members in 2012 as part of their research group activities². CAER members are marked in bold.

Australian Research Council Discovery Grant, 2008-2012, "The training and job decisions of nurses: an integrated approach using panel surveys and dynamic discrete choice experiments", \$540,000, investigators: **D.J. Doiron**, J. Hall and D. Street. Funds of this project were administrated by the School of Economics (UNSW).

Australian Research Council Discovery Grant, 2011-2013, "Risk management and funding structures: An econometric panel data analysis of health insurance in Australia", \$657,074, investigators: E.J. Savage, T.P. Buchmueller, **D.J. Doiron**, R.P. Ellis, **D.G. Fiebig** and G.S. Jones. Funds of this project are co-administrated by the University of Technology Sydney (UTS) and the School of Economics (UNSW).

Australian Research Council Linkage Grant, 2008-2013, "Tackling the Tough Problems in Productivity Measurement: Infrastructure, Services and R&D", \$947,322, investigators: **K.J. Fox**, **G. Otto**, **W.E. Diewert**, E. Connolly and D. Parham, industry partners: Australian Bureau of Statistics and the Productivity Commission. ARC funds contribution is administrated by the School of Economics (UNSW) and industry partners' funds contribution is administrated by CAER.

ASBSG UNSW Grant, 2012, "Early life conditions and financial risk-taking in older age", \$6,000, investigator: **Dobrescu, L.I.** Funds of this project were administrated by the School of Economics (UNSW).

² Research grants and projects which CAER members obtained outside of CAER's research groups' activities are excluded from the list.

5. Statement of in-kind contributions, cash contributions, infrastructure and other resources provided to CAER during 2012

5.1 In-kind contributions

Estimated value of CAER members contribution to CAER's activities –by research groups³

CAER member	Type of Activity	Value of Contribution
Professor Denzil Fiebig	Health Economics Group activities	59,582
Professor Denise Doiron		
Dr. Isabella Dobrescu		
Dr. Marian Vidal-Fernandez		
Professor Kevin Fox	Economic Measurement Group activities	79,018
Professor Erwin Diewert		
Associate Professor Glenn Otto		
Professor Geoff Harcourt	Economic History and History of Economic Thought Group activities	98,007
Professor John Neville		
Associate Professor Peter Kriesler		
Associate Professor Elisabetta Magnani		
Dr. Gigi Foster		
Dr. Barrie Dyster		
Professor Raja Junankar		
Associate Professor Michael Johnson		
Dr. Joseph Halevi		
Professor John Lodewijks		
Dr. Neil Hart		
Professor Richard Holden	Law and Economics Initiative Group activities	50,249
Professor Rosalind Dixon		
Professor Kevin Fox	Real Estate Initiative Group activities	52,512
Professor Erwin Diewert		
Associate Professor Glenn Otto		
Dr. Nigel Stapledon		
Mr. Andrew Roberts, UNSW alumnus		
Total in-kind		339,368

³ CAER members whose salary was paid by CAER and/or by grants associated with CAER are excluded from the table.

Estimated value of in-kind contribution to CAER's administration

	Type of Activity	Value of Contribution
Professor Kevin Fox	Director	25,124
Associate Professor Peter Kriesler	Deputy Director	14,385
Associate Professor Michael Johnson (School of Social Sciences)	Steering Committee	3,113
Professor Alec Cameron (ASB Dean)		
School of Economics administrative support ⁴	Mainly HR, IT, finance and workshops/visitors organization support.	73,163
ASB administrative support		
Total in-kind		115,785

5.2 Cash contributions⁵

In 2012 the ARC Centre of Excellence in Population Ageing Research (CEPAR) has generously provided \$1,500 to support the Health Economics Workshop 2012. The funds contribution was administrated through CEPAR accounts.

5.3 Infrastructure and other resources provided to CAER

In 2012 CAER members provided their own office space (including computers) on or off campus. The School of Economics provided meeting space and printer/photocopier facilities.

⁴ Including the administrative support which was provided by the School Manager Fei Wong and later by new School Manager Hugh McCuiag.

⁵ This section reports only cash contributions which were made available to CAER and which were administrated by the contributing entity. Cash contributions which were deposited into CAER accounts are reported in CAER's annual financial statement above.

6. Details of publications and other scholarly achievements associated with CAER during 2012

6.1 CAER Journal Publication - The Economic and Labour Relations Review

The Industrial Relations Research Centre (IRRC), in conjunction with the Centre for Applied Economic Research (CAER), publishes the Economic and Labour Relations Review, a refereed journal with a focus on contemporary issues, developments and policy-making in the fields of economics and labour relations.

In 2012 ELRR received the mentorship and active editorial support of distinguished Post-Keynesian and labour market economists including Emeritus Professor Geoff Harcourt (CAER, School of Economics) and Emeritus Professor John Nevile (CAER, School of Economics). Professor P.N. (Raja) Junankar (IRRC, CAER) joined the Executive Editors, and the Advisory Committee was joined by eminent international scholars Professor Orley Ashenfelter (Princeton), Professor William Brown (Cambridge) and Professor Michael Burawoy (Berkeley). CAER Deputy Director Associate Professor Peter Kriesler (School of Economics) and CAER member Associate Professor Michael Johnson (School of Social Sciences) continued their role as executive editors.

In 2012, Volume 23 was published in four issues, an increase on the three issues of 2011 and the two issues per year of Volumes 1-21. ELRR content continued to be diverse and topical. Volume 23 Issue 1 (Feb 2012) carried a symposium guest-edited by Neil Perry and Paul Twomey: Carbon markets, inherent limitations and complementary policies. Volume 23 Issue 2 (June 2012) contained a symposium guest-edited by Victor Matheson (Holy Cross, Worcester MA), Ross Booth (Monash University) and Liam J Lenten (LaTrobe University): Sports Economics. Volume 23 Issue 3 (September 2012) contained an article by eminent Indian scholar Amit Bhaduri and important article on fiscal consolidation by UN/ILO experts Anis Chowdhury and Iyanatul Islam. Volume 23 Issue 4 (November 2012) opened with an overview article by Michael Quinlan (IRRC, UNSW) on precarious employment that is destined to become a classic.

In 2012 the ScholarOne online manuscript processing system was introduced. This resulted in a growth in submissions from international contributors. Annual submissions for 2012 were 55, plus 11 book reviews, with increasing use made of ScholarOne as the year progressed. The rejection rate was 35%, a rate somewhat low because two of the issues in 2012 were guest-edited, with unsuitable contributions screened out before referral to the Editor in Chief; 25% of published articles and 30% of rejected articles were from international authors, and 42% of published articles were on international or abstract-theoretical themes. Submission and publication years did not coincide – typically articles published in the first issue of the year will have been submitted in the previous year, making comparisons difficult. By July 2013 there had been 18 citations of articles published in 2012.

In 2012 the ELRR was abstracted and indexed through Ulrichsweb and Scopus. It was published in full text online through the following aggregators: APAFT(Informit), Proquest ABI/INFORM , Econlit (EBSCO)(full text), Gale/Cengage and AustLii (full text).

In the closing months of 2012, a five-year contract with SAGE Publishing was successfully concluded for the publication of ELRR four times per year. ASB financial support helped secure the contract. Termination of contracts with the aggregators was a condition of the SAGE contract.

In 2012, following a two-year assessment, Thomson Reuters approved ELRR for inclusion in the Social Sciences Citation Index and Current Contents. This was the first step to receiving an impact factor rating.

The Australian School of Business agreed to provide 8,000 GBP per annum for five years to support the development of the journal's international profile. The School of Business UNSW Canberra provided \$10,000 in 2012, in part to support the staffing of the journal. The IRRC administers these funds.

6.2 Research output and other scholarly achievements of CAER members

The following is a list of research output and other scholarly achievements attained by CAER members in 2012 as part of their research group activities⁶. CAER members are marked in bold.

Books

Dyster, B., and D. Meredith, 2012, *Australia and the Global Economy: continuity and change*, second edition, Cambridge University Press.

Hart, N., 2012, *Equilibrium and Evolution: Alfred Marshall and the Marshallians*, Basingstoke, UK: Palgrave Macmillan.

Harcourt, G.C., 2012, *On Skidelsky's Keynes and Other Essays. Selected Essays of G. C. Harcourt*, Houndmills, Basingstoke, Hampshire, Palgrave Macmillan.

Harcourt, G.C., 2012, *The Making of a Post-Keynesian Economist, Cambridge Harvest*, Houndmills, Basingstoke, Hampshire, Palgrave Macmillan.

Book Chapters

Harcourt, G.C., 2012, "On the concepts of period and run in economic theory", in *Classical Political Economy and Modern Theory. Essays in honour of Heinz Kurz*, C. Gehrke, N. Salvadori, I. Steedman and R. Storn (eds.), London and New York, Routledge, pp. 257-265.

Harcourt, G.C., 2012, "Luigi Pasinetti: the senior living heir of the Cambridge School of Economics and the last of the great system builders", in *Structural Dynamics and Economic Growth*, R. Arena and P.L. Porta (eds.), Cambridge: Cambridge University Press, pp. 137-44.

Harcourt, G.C., 2012, "The crisis in mainstream economics", in *Macroeconomics and the History of Economic Thought. Festschrift in honour of Harald Hagemann*, H.M. Kramer, H.D. Kurz and H.M. Trautman (eds.), London and New York: Routledge, pp. 183-190.

Bellofiore, R., and **J. Halevi**, 2012, "Deconstructing labor: a Marxian-Kaleckian perspective on what is 'new' in contemporary capitalism and economic policies", in *Employment, Growth and Development: A Post-Keynesian Approach*, C. Gnos, L.P. Rochon and D. Tropeano (eds.), Cheltenham, UK: Edward Elgar Publishing, pp. 11-27.

Dixon, R. and **R. Holden**, 2012, "Constitutional Amendment Rules: The Denominator Problem", in *Comparative Constitutional Design*, T. Ginsburg (ed.), New York: Cambridge University Press, pp. 195-218.

Dixon, R., and M. Nussbaum, 2012, "Abortion, Dignity and a Capabilities Approach", in *Feminist Constitutionalism*, D. Barak-Erez, T. Kahana and B. Baines (eds.), Cambridge University Press, pp. 64-85.

⁶ Research output of CAER members which was achieved outside of CAER's research groups' activities is excluded from the list.

Refereed Journal Articles

Knox, S.A., R. Viney, D. Street, M. Haas, **D.G. Fiebig**, E. Weisberg and D. Bateson, 2012, "What's good and bad about contraception? A comparison of the values placed on features of contraceptive products by women consumers and GP providers", *PharmacoEconomics*, Vol. 30, pp. 1187-1202.

Suziedelyte, A., 2012, "How does searching for health information on the Internet affect individuals' demand for health care services?", *The Social Science and Medicine*, Vol. 75(10), pp.1828-1835.

Lahiri, R. and **E. Magnani**, 2012, "Endogenous Skill Heterogeneity and Inflation", *Economic Modelling*, Vol. 29, pp. 1745—1756.

Magnani, E. and A. Tubb, 2012, "Green R&D, Technology Spillovers and Market Uncertainty. An empirical analysis", *Land Economics*, Vol.88, pp. 685-709.

Rammohan, A. and **E. Magnani**, 2012, "Migration as a response to intra-household risk: evidence from Indonesia", *Bulletin of Indonesian Economic Studies*, Vol. 48(3), pp. 399-420.

Magnani, E., 2012, "Does Outsourcing Crowd Out Older Workers' Training? Evidence from a Matched Employer-Employee Survey", *Journal of Productivity Analysis*, Vol. 38, pp.199-217.

Magnani, E. and R. Zhu, 2012, "Gender Wage Differentials among Rural-Urban Migrants in China", *Regional Science and Urban Economics*, Vol. 42(5), pp. 779-793 (Special issue on "Migration and Development").

Kriesler, P. and **J. W. Neville**, 2012, "Dynamic Keynesian economics: cycling forward with Harrod and Kalecki", *The Cambridge Journal of Economics*, Vol. 36(2), pp. 405-417.

Hart, N., 2012, "Marshall, Marshallians and Industry Economics", *Economics and Labour Relations Review*, Vol. 23(4), pp. 101-114.

Lodewijks, J.K., 2012, "Are we all Keynesians Again?", *International Journal of Applied Economics and Econometrics*, Vol. 20(1), pp. 204-215.

Monadjemi, M., K. Yoon and **J.K. Lodewijks**, 2012, "Success and Failure of a Monetary Union", *Online Journal of Social Science Research*, Vol. 1(7), pp. 213-220.

Harcourt, G.C., 2012, "The systemic downside of flexible labour market regimes: Salter revisited", *Economic and Labour Relations Review*, Vol. 23(2), pp. 117-22.

Harcourt, G.C., and J. Gleeson-White, 2012, "Double entry book keeping: a conversation", *Economic and Labour Relations Review*, Vol. 23(3), pp. 89-104.

Harcourt, G.C., 2012, "Piero Sraffa: a tribute", *Cambridge Journal of Economics*, Vol. 36(6), 4 pages.

Harcourt, G.C., 2012, "Keynes and his Cambridge pupils and colleagues", *Meiji Journal of Political Science and Economics*, Vol. 1, pp. 12-25.

Akerlof, R. and **R. Holden**, 2012, "The Nature of Tournaments", *Economic Theory*, Vol. 51(2), pp. 489-313.

Gibbons, R., **R. Holden** and M. Powell, 2012, "Organization and Information: Firms' Governance Choices in Rational-Expectations Equilibrium", *Quarterly Journal of Economics*, Vol. 127(4), pp. 1813-1841.

Aghion, P., D. Fudenberg, **R. Holden**, T. Kunimoto and O. Tercieux, 2012, "Subgame Perfect Implementation under Value Perturbations", *Quarterly Journal of Economics*, Vol. 127(4), pp. 1843-1881.

Dixon, R. and T. Ginsburg, 2012, "The South African Constitutional Court & an Insurance-Based Theory of Socio-economic Rights", *Constitutional Court Review (2011) 4*, pp. 1-29.

Dixon, R., 2012, "Weak-Form Judicial Review and American Exceptionalism", *Oxford Journal of Legal Studies*, Vol. 32(3), pp. 487-506.

Dixon, R. and M. Nussbaum, 2012, "Children's Rights and a Capabilities Approach: The Question of Special Priority", *Cornell Law Review*, Vol. 97(3), pp. 549-594.

Dixon, R., 2012, "Amending Constitutional Identity", *Cardozo Law Review*, Vol. 33(5), pp. 1847-1858.

Dixon, R., 2012, "A New (Inter)National Human Rights Experiment for Australia", *Public Law Review*, Vol. 23, pp. 75.

Kulish, M., A. Richards and C. Gillitzer, 2012, "Urban Structure and Housing Prices: Some Evidence from Australian Cities", *Economic Record*, September, pp. 1-20.

Otto, G. and E. Gitelman, 2012, "Supply Elasticity Estimates for the Sydney Housing Market", *Australian Economic Review*, Vol. 40(2), pp. 176-190.

Stapledon, N. D., 2012, "Trends and Cycles in Sydney and Melbourne House Prices from 1880 to 2011", *Australian Economic History Review*, Vol. 52(3), pp. 293-317.

Diewert, W.E., J. de Haan and R. Hendricks, 2012, "Hedonic regressions and the Decomposition of a House Price Index into Land and Structure Components", *Econometric Reviews*, in press, accepted 02/12.

Otto, G., L. Fisher and H.S. Huh, 2012, "Structural Co-integrated Models of US Consumption and Wealth", *Journal of Macroeconomics*, Vol. 34, pp. 1111-1124.

Fox, K.J., 2012, "Problems with (Dis)Aggregating Productivity, and Another Productivity Paradox", *Journal of Productivity Analysis*, Vol. 37, pp. 249-259.

Diewert, W.E., 2012, "The Measurement of Productivity in the Nonmarket Sector", *Journal of Productivity Analysis*, Vol. 37, pp. 217-229.

Diewert, W.E., 2012, "Afriat's Theorem and some Extensions to Choice under Uncertainty", *The Economic Journal*, Vol. 122(560), pp. 305-331.

Other Research Output

Lodewijks, J.K., 2012, "Sylvia Nasar: Grand Pursuit, The Story of Economic Genius", Book Review, *The Economics and Labour Relations Review*, Vol. 23(2), pp.149-154.

Harcourt, G.C., 2012, "Phyllis Deane (1918-2012)", *Alumni Newsletter, Cambridge Faculty of Economics*, Issue No 5, pp. 7-8.

Kriesler, P., L. Chester and M. Johnson, 2012, *Heterodox economics: Social provisioning in crisis-prone capitalism*, 11th Australian Society of Heterodox Economists Conference 3-4 December 2012, Conference Volume, The University of New South Wales, ISBN: 978-0-7334-3215-6.

Kulish, M., L. Ellis and S. Wallace, 2012, "Property Market Cycles as Paths to Financial Distress", Reserve Bank of Australia-BIS Research Conference.

Zhu, H., 2012, "The Effects of Unreliable Power Supply on Worker Reallocation: Evidence from Chinese Manufacturing Firms", revise and resubmit at *Journal of Comparative Economics*.

Suziedelyte, A., 2012, "The effects of old and new media on children's weight", UNSW Australian School of Business Research Paper No. 2012-38.

Suziedelyte, A., 2012, "Can video games affect children's cognitive and non-cognitive skills?", UNSW Australian School of Business Research Paper No. 2012-37.

Kriesler, P. and **G.C. Harcourt**, 2012, "Michal Kalecki and Rosa Luxemburg on Marx's Schemes of Reproduction: Two Incisive Interpreters of Capitalism", UNSW Australian School of Business Research Paper No. 2012-34.

Kriesler, P. and **G.C. Harcourt**, 2012, "Introduction (to Handbook of Post-Keynesian Economics: Oxford University Press: USA)", UNSW Australian School of Business Research Paper No. 2012-33.

Kriesler, P., **J. Halevi** and **N. Hart**, 2012, "The Traverse, Equilibrium Analysis and Post-Keynesian Economics", UNSW Australian School of Business Research Paper No. 2012-32.

Hill, R. J. and **I.A. Syed**, 2012, "Hedonic Price-Rent Ratios, User Cost, and Departures from Equilibrium in the Housing Market", UNSW Australian School of Business Research Paper no. 2012-45.

Stapledon, N. D., 2012, "Historical Housing-related Statistics for Australia 1881-2011 – A Short Note", UNSW Australian School of Business Research Paper no. 2012-52.

Hill, R.J. and **I.A. Syed**, 2012, "Accounting for Unrepresentative Products and Urban-Rural Price Differences in International Comparisons of Real Income: An Application to the Asia-Pacific Region", Graz Economics Papers 2012-07, University of Graz, Department of Economics.

Wang, C., 2012, "Estimating the value of patent rights in Australia", UNSW working paper.

Mu, C., 2012, "The Age Profile of General Practitioners' Location Decisions".

Dobrescu, L.I., D. Christelis and A. Motta, 2012, "Early Life Conditions and the Dynamics of Financial Risk-Taking in Older Age".

Dobrescu, L.I., A. Motta and B. Gui, 2012, "Staying Home or Dining out? Social Interactions and Old-Age Consumption Profiles".

Elnasri, A., 2012, "Transport infrastructure investment and interindustry spillovers: the effects on the cost structure of Australian industries".

Elnasri, A., 2012, "Efficiency of infrastructure provision: Australia, states and territories".

Scholarly Achievements

Denzil Fiebig, invited discussant: Third Australasian Workshop on Econometrics and Health, Sydney 2012.

Denzil Fiebig, invited keynote speaker: Conference of the Australian Health Economics Society, Darwin 2012.

Nigel Stapledon, invited speaker: Conference on Commodity Price Volatility, Past and Present, Centre for Economic History and Centre for Applied Macroeconomic Analysis, ANU, Canberra, 29-30 November, 2012.

Geoff Harcourt, Emeritus Reader in the History of Economic Theory (*ad hominem*) and Emeritus Fellow at the Jesus College, Cambridge, 2012.

Kevin Fox, Fellow of the Academy of the Social Sciences in Australia, 2012.

Kevin Fox, Member of the Conference on Research in Income and Wealth, 2012.

Kevin Fox, Council member, International Association for Research in Income and Wealth, 2012.

Richard Holden, Editor, Journal of Law and Economics.

Kevin Fox, Associate Editor, Journal of Productivity Analysis.

Marian Vidal-Fernandez received the Early Career Researcher Award, Australian Health Economics Society, 2012.

Hong Il Yoo received the Early Career Researcher Award, Australian Health Economics Society, 2012.

7. Details of CAER's engagement with the academia, government, industry and broader community

The following sections provide details of CAER's activities undertaken in 2012 to accomplish its aims of providing a stimulus to the research undertaken at UNSW, supporting research students and early career academics, encouraging collaborative research and raising the profile of applied economic research at UNSW in the broader community.

7.1 Conferences, workshops and special events

Health Economics Workshop 2012

In 2012 the Health Economics Group of CAER hosted its ninth annual summer workshop on the 2nd and 3rd of February. The workshop attracted health economists from around Australia and overseas, thus providing UNSW staff and research students with the opportunity to engage and interact with internationally-recognized health economists. The ARC Centre of Excellence in Population Ageing Research (CEPAR) has generously provided financial support for the workshop. The workshop featured an excellent program and included presentations by the following speakers: Youjin Hahn (Monash University), Olena Stavrunova (University of Technology Sydney), Jinhua Li (University of Melbourne), Elena Capatina (CEPAR & UNSW), Dimitris Christelis (CSEF, SHARE & CFS), James Smith (RAND), Hayley Fisher (University of Sydney), Bobbi Wolfe (University of Wisconsin) and Peter Siminski (University of Wollongong).

Economic Measurement Group Workshop 2012

In 2012 the Economic Measurement Group of CAER hosted its twelfth annual international workshop on the 21st - 23rd of November. This workshop brings together academics, statistical agencies researchers, government policy makers and industry representatives from all around the world. The workshop was supported by an Australian Research Council Linkage Project grant with the Australian Bureau of Statistics and the Productivity Commission. The program consisted of twenty one speakers (both local and international) and included Dr. John Fernald (Senior Research Advisor, Federal Reserve Bank of San Francisco) and Dr. Shiji Zhao (Assistant Commissioner, Productivity Commission) as featured speakers. Three UNSW PhD students, Amani Elnasri, William Wang and Hongjia Zhu, presented at the workshop. The workshop attracted one hundred and four participants, many of whom were from the Australian Bureau of Statistics, Productivity Commission, the Reserve Bank of Australia, Statistics New Zealand and New Zealand Productivity Commission. Eighteen percent of the workshop delegates were from overseas.

Special event: Symposium in honour of Emeritus Professor John Nevile

To celebrate the distinguished career of Professor John Nevile on the occasion of his 80th birthday, the School of Economics and CAER hosted a one day symposium on Wednesday, October 10th 2012, at the Australian School of Business on the UNSW Kensington campus. The symposium was dedicated to economic and public policy ideas that have been close to John's own research interests and contributions. A number of distinguished Australian economists from academia, industry and public policy circles presented topics in John's honour. These included: Tim Harcourt (JW Nevile Fellow in Economics, ASB, UNSW), Alec Cameron (Dean, ASB), Kevin Fox (Head, School of Economics and CAER's Director), Peter Kriesler (CAER, UNSW), John Lodewijks (UWS, CAER), Don Stammer, Bin Tram-Nam (UNSW), Bob Gregory (ANU), Philip Lowe (Reserve Bank of Australia), Robin Pope (Bonn University and formerly UNSW), Geoff Harcourt (CAER, UNSW), Peter Saunders (UNSW), John Langmore (University of Melbourne, formerly Member for Fraser, Federal Parliament) and Ken Henry (former Secretary of Treasury and Prime Minister's Asian Century Taskforce chair). Articles based on symposium presentations by leading economists and social policy academics such as Dr Ken Henry, Professor G.C. Harcourt and Professor Peter Saunders, were edited for publication in *The Economic and Labour Relations Review*.

7.2 Visitors

The following is a list of visitors hosted by CAER as part of its commitment to stimulate research activities and foster research students and early career academics:

Visitors hosted by the Economic Measurement Group of CAER in 2012

Dr. Christina Wang, Federal Reserve Bank of Boston
 Prof. Susanto Basu, Boston College
 Dr. Alberto Caballo, MIT
 Prof. Robert Cairns, McGill University
 Prof. Ulrich Kohli, University of Geneva
 Dr. John Fernald, Senior Research Advisor, Federal Reserve Bank of San Francisco

Visitors hosted by the Health Economics Group of CAER in 2012

Dr. Dimitris Christelis, CSEF, SHARE and CFS

Visitors hosted by the Law and Economics Initiative Group of CAER in 2012

Prof. Tonja Jacobi, Northwestern University
 Dr. Anthony Niblett, University of Toronto
 Prof. Anup Malani, University of Chicago
 Prof. Matthew Sagg, Loyola University
 Prof. Eric Talley, University of California, Berkeley

Visitors hosted by the Real Estate Initiative Group of CAER in 2012

Prof. Edward Glaeser, Harvard University
 Dr. Stephen Oliner, Ziman Center for Real Estate, UCLA
 Dr. Kim Zieschang, International Monetary Fund
 Prof. Jan de Haan, Statistics Netherlands and Delft University of Technology

7.3 Academic, industry and government engagements

- PhD student Hongjia Zhu of CAER's Economics Measurement Group presented his research on productivity issues at the Australian Bureau of Statistics, Canberra, 2012.
- In 2012 Associate Professor Glenn Otto served as external reviewer of the Productivity Commission Staff Working Paper: "Productivity in Electricity, Gas and Water: Measurement and Interpretation," written by Vernon Topp and Tony Kulys.
- During 2012 Professor Kevin Fox was a member of the Australian Bureau of Statistics Methodology Advisory Committee, a member of the Australian Bureau of Statistics Productivity Measurement Reference Group and a member of the International advisory board of the International Productivity Monitor.
- During 2012 Professor Kevin Fox was a member and subgroup leader of "The role of science, research and technology in lifting Australia's productivity," Australian Council of Learned Academies (ACOLA) Expert Working Group reporting to the Prime Minister's Science Engineering and Innovation Council.

- As part of developing the Real Estate Initiative of CAER, Professor Kevin Fox and Mr. Andrew Roberts have visited the MIT Center for Real Estate (Cambridge MA), the Real Estate Department at Wharton Business School (University of Pennsylvania) and the Paul Milstein Real Estate Center (Columbia Business School, New York) during July 2012 so as to learn from leading real estate centres and groups about their teaching and research programs as well as their engagement with industry and alumni. In addition, they attended the real estate sessions of the NBER Summer Institute, and have developed relationships with key international researchers in the field, including Ed Glaeser (Harvard), Joe Gyourko (Wharton), William Wheaton (MIT), Walter Torous (UCLA), Stephen Oliner (UCLA), Stuart Rosenthal (Syracuse), Yongheng Deng (National University of Singapore), Chris Mayer (Columbia) and Lynne Sagalyn (Columbia), all of whom have enthusiastically agreed to assist on an ongoing basis with the development of CAER's Real Estate Initiative.

8. Details of research supervision and teaching activities carried out by CAER members on behalf of academic units

8.1 Research Supervision

Postgraduate research supervision activities within CAER are coordinated with the relevant Schools/Faculties (mainly the School of Economics and ASB), in accordance with the relevant UNSW policies, procedures and delegations. The following is a list of research supervision carried out by CAER members in 2012 as part of their research group activities. CAER members are marked in bold.

PhD Supervision

Supervisor: **Denise Doiron**

Agne Suziedelyte: *Three essays in the economics of health and human capital: the role of information technologies and media*

Submitted and conferred: 2012

Supervisors: **Glenn Otto** and **Kevin Fox**

Amani Elnasri: *Three Essays on Infrastructure Investment: the Australian Experience*

Submitted and conferred: 2012

Supervisor: **Kevin Fox**

Joaquin Vespignani: *Asymmetric Monetary Policy and Consumer Demand Responses in Australia*

Submitted and conferred: 2012

Supervisors: Denzil Fiebig and Shiko Maruyama (School of Economics, UNSW)

Chunzhou Mu: *On the Location Decision and Labour Supply of Australian General Practitioners*

In progress

Supervisor: **Denise Doiron**

Hong Il Yoo: *Four essays on modelling and estimating consumer heterogeneity in probabilistic choice and household demand systems*

In progress

Supervisors: **Isabella Dobrescu**, **Denise Doiron** and Rachida Ouyse (School of Economics, UNSW)

Gaoyun (Sophie) Yan: *Three Essays on Health and Education: Evaluating Current Policies in China*

In progress

Supervisor: **Glenn Otto**

Xiangling Liu: *Housing Supply and Prices in NSW*

In progress

Supervisor: **Kevin Fox**

Hongjia Zhu: *Infrastructure, Land Prices and the Environment in Developing Economies*

In progress

Supervisors: **Kevin Fox** and Arghya Ghosh (School of Economics, UNSW)
 Changtao (William) Wang: *The Economics of Innovation and Intellectual Property Rights*
 In progress

Supervisors: Arghya Ghosh (School of Economics, UNSW) and **Kevin Fox**
 Frederique Goy: *On the importance of market size and knowledge tradeability for Intellectual Property Rights policy*
 In progress

Supervisor: **Kevin Fox**
 Zoran Peroski: *A Retrospective Bertrand Model of The Competitive Impacts and Social Welfare of Regulated Mobile Interconnection Rates for Australia*
 In progress

Supervisor: **Rosalind Dixon**
 Bhatara Ibnu Reza: *Thesis title to be determined*
 In progress

Supervisor: **Rosalind Dixon**
 Doron Goldbarsht: *Thesis title to be determined*
 In progress

Honours Supervision

Supervisor: **Marian Vidal-Fernandez**
 Husam el Tarifi: *Compulsory Military Service and Sibling Externalities in Educational Attainment*
 School of Economics, UNSW

Supervisor: **Richard Holden**
 Carlos Cacho: *Complexity and Asset Ownership*
 School of Economics, UNSW

Supervisors: **Nigel Stapledon** and Tess Stafford (School of Economics, UNSW)
 William Jeffries: *Does Heritage Listing have an Effect on Property Prices in Australia? Evidence from Mosman, Sydney*
 School of Economics, UNSW

Supervisor: **Glenn Otto**
 Jason Yu: *Pass-Through of Exchange Rate Shocks to Inflation in an Australian Context*
 School of Economics, UNSW

8.2 Teaching Activities

Real Estate Initiative Group

In response to strong industry demand for graduates with a mix of skills in economics, finance and law in the area of real estate, a proposal for a new major in real estate studies within the undergraduate Bachelor of Commerce programme was initiated and developed by the Real Estate Initiative group of CAER in 2012. As part of the development of the new proposal CAER members had discussions with the School of Banking and Finance (ASB), the School of Economics (ASB), the School of Taxation and Business Law (ASB) and the Faculty of Built Environment, all of which were planned to take part in the delivery of the new proposed major. To ensure that the new proposal aligns with industry needs and demands, CAER members of the Real Estate Initiative group had discussions on the draft proposal with Property Council of Australia, an industry body which represents the broader real estate sector. Furthermore, businesses in the sector were surveyed to ascertain the magnitude of support for graduates with a real estate major. A majority of these firms indicated that they were keen to offer internships to students taking the new proposed real estate major. It is planned that CAER will put the formal proposal of the new major before the ASB and UNSW Committees in the first half of 2013.

Law and Economics Initiative Group

As part of the group's commitment to establish and develop the field of law and economics at UNSW, in 2012 Professor Richard Holden reconstructed and significantly redesigned the undergraduate course "Economics of Corporations" (Economics 3123) to align with the latest developments in the field of law and economics. The course was offered in 2012 and is planned to be offered also in 2013. The delivery of the course was coordinated with the School of Economics and the ASB in accordance with the relevant UNSW policies and procedures.

9. Details of significant managerial or personnel changes during 2012

The mid-year departure of Fei Wong to become General Manager of UNSW Law meant a change in administrative support, which was principally provided from October to December by new School of Economics Manager Hugh McCuiag. The transition went smoothly.

10. A record of dates and attendance at meetings of CAER's Steering Committee

Given scheduling difficulties and the continuing appointment of the Director of CAER as Head of the School of Economics, the Steering Committee did not hold any formal meetings in 2012. Instead, the Director had informal meetings with the members of the Steering Committee in regard to CAER's operations.