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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
- Industrial Relations Research Centre (IRRC)
- Centre for Energy and Environmental Markets (CEEM)

**Outside UNSW**
- Centre for Health Economics Research and Evaluation (CHERE), UTS
- UTS Business School
- UTS School of Mathematical Sciences
- Crawford School of Economics and Government, ANU
- Vancouver School of Economics, the University of British Columbia
- Department of Economics, Hohai University (China)
- Department of Economics, Pingtung University (Taiwan)
- Australian Bureau of Statistics
- Australian Productivity Commission
- Reserve Bank 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 2010

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 2010:
Health Economics Group 2010
Professor Denzil Fiebig - School of Economics, UNSW
Associate 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, School of Economics, UNSW
Joanne Epp - PhD student, School of Economics, UNSW
Muralikrishnan Radhakrishnan Kartha - PhD student, School of Economics, UNSW
Yuanyuan Gu - PhD student, School of Economics, UNSW

Economic Measurement Group 2010
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. Lorraine Ivancic – Postdoctoral Research Fellow, CAER
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
Joaquin Vespignani - PhD student, School of Economics, UNSW
Abu Shonchoy - PhD student, School of Economics, UNSW
Zoran Peroski - PhD student, School of Economics, UNSW

Natural Resources and the Environment Group 2010
Professor Kevin Fox – School of Economics, UNSW
Dr. Lisa Lee – Postdoctoral Research Fellow, CAER
Amy Cheung – PhD student, School of Economics, UNSW
Thomas Longden – PhD student, School of Economics, UNSW
Li Na - visiting PhD student, Hohai University, China

Individual CAER members 2010
Associate Professor Peter Kriesler, CAER’s Deputy Director, School of Economics, UNSW
Professor John Nevile, Founder and previous CAER Director, School of Economics, UNSW

1.5 CAER’s administrative and professional staff in 2010

The Director of CAER also had the role of Head of Economics in 2010. Administrative support was provided principally by the School Manager Fei Wong, who had earlier worked as CAER administrative officer before joining Economics.

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 2010. A detailed description of CAER's operations in 2010 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.

In 2010 CAER research activities were carried out and advanced through the following research groups:

**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.

**Natural Resources and the Environment Group**
The natural resources and environment group undertakes research in the field of environmental economics. Its research activities involve detailed economic assessment of natural-resource issues and evaluation of environmental policy impacts, thus contributing for a coherent integration of economics and science policy. As part of the Environmental Economics Research Hub, the group participates in the following two research projects: 'Salinity, Uncertainty and Property' and 'The Benefits and Costs of Bio-security'.

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.

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

CAER’s collaborative research during 2010 is demonstrated by its following undertakings:

- During 2010 the Heath Economics group took part in the research project: “the training and job decisions of nurses: an integrated approach using panel surveys and dynamic discrete choice experiments”. This project 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.
During 2010 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.

During 2010 the Natural and Environment Group was involved in two research projects: ‘Salinity, Uncertainty and Property’ and ‘The Benefits and Costs of Bio-security’. These projects are part of the Environmental Economics Research Hub which is funded by the Commonwealth Environment Research Facilities (CERF) Program—an Australian Government initiative supporting world-class, public-good research. The Hub is hosted by the Crawford School of Economics and Government at The Australian National University and is partnered by Central Queensland University, University of Western Australia, University of New South Wales (CAER in collaboration with the Centre for Energy and Environmental Markets), Griffith University and Macquarie University.

In 2010 Dr. Lisa Lee, postdoctoral fellow of CAER, was awarded a Fellowship from the Australian Academy of Science under their Scientific Visits to Taiwan scheme. She worked at Pingtung University in September and October, with the primary focus of the research visit being to explore environmental management practices, particularly in relation to illegal wildlife smuggling in Taiwan.

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 2010 CAER Deputy Director Associate Professor Peter Kriesler was one of its executive editors and CAER member Emeritus Professor John Nevile was a member of its editorial committee. In 2010 the journal moved steadily towards an enhancement of quality, frequency and distribution, seeking to meet criteria for enhancing its ERA ranking and attracting a commercial publisher.

In 2010 CAER supported international collaboration and stimulated its research activities by hosting six international visitors, two of whom were PhD students.

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

During 2010 CAER members have supervised one Honours student and twelve PhD students. Three postdoctoral research fellows (Dr. Lorraine Ivancic, Dr. Iqbal Syed and Dr. Lisa Lee) were employed by CAER and 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 2010 three UNSW PhD students (Agnė Suziedelytė, Amani Elnasri and Joaquin Vespignani) and one UNSW early career academic (Dr. Iqbal Syed) 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 2010:

Visitors
In 2010 CAER supported international collaboration by hosting six international visitors, two of whom were PhD students. 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 2010 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.

Industry and government engagements
In 2010 CAER continued to foster links between academics at UNSW and the public sector:

- Dr. Iqbal Syed of CAER’s Economics Measurement Group presented the research undertaken by the group at the Australian Bureau of Statistics.

- Professor Kevin Fox was a member of the Australian Bureau of Statistics Methodology Advisory Committee and a member of the Australian Bureau of Statistics Productivity Measurement Reference Group. He also chaired the 16th Series CPI Review Advisory Group.

- The Natural Resources and the Environment Group of CAER has commenced discussions with the US Department of Agriculture on future collaboration which is aimed to investigate how the construction and measurement of their agriculture price indices can be adjusted, and thus improved, to align with the rapid changes of the agricultural sector.

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 2010 members of CAER edited one book and published three book chapters. They also published five articles in highly regarded international refereed journals, one conference volume and two papers in the ASB series of discussion papers.

In 2010 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.
The scholarly achievements of CAER’s members in 2010 further contributed to its community impact. In particular, Professor Denzil Fiebig was an invited speaker at the First Australasian Workshop on Econometrics and Health and Professor Kevin Fox was a Fellow of the Academy of the Social Sciences in Australia. 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 2010

**Centre for Applied Economics Research (UNSW) - CAER**

**Statement of Financial Performance**
for the Year Ended 31 December 2010

<table>
<thead>
<tr>
<th>Funds</th>
<th>2010</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Revenue</td>
<td>282,000.00</td>
<td>315,348.52</td>
</tr>
<tr>
<td>Donations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fees</td>
<td>1,104.12</td>
<td>512.71</td>
</tr>
<tr>
<td>Faculty Funds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UNSW Operating Funds</td>
<td>(1,272.64)</td>
<td>4,066.68</td>
</tr>
<tr>
<td>Internal Income</td>
<td>1,069.92</td>
<td></td>
</tr>
<tr>
<td>Sundry Other Revenue</td>
<td>293,501.40</td>
<td>320,547.91</td>
</tr>
<tr>
<td><strong>Total Funds</strong></td>
<td><strong>293,501.40</strong></td>
<td><strong>320,547.91</strong></td>
</tr>
</tbody>
</table>

| Costs                         |        |        |
| People Costs                  | 137,909.70 | 238,955.00 |
| Scholarship Stipends          | 24,805.10  | 33,563.87 |
| Contract & Consulting Services| 17,000.00  | 130.00  |
| Repairs and Maintenance       | 5,238.30   | 2,326.27 |
| Consumables                   | 34,983.73  | 41,706.23 |
| Travel                        | 4,864.00   |        |
| Equipment                     | 220.11     | 14,780.94 |
| Other Expenses                | 148.20     | 3,648.35 |
| Contract Research Ongoing     | 224,860.14 | 335,082.66 |
| Internal Expense              |          |        |
| **Total Costs**               | **224,860.14** | **335,082.66** |

| Operating result              | 55,041.26  | (14,534.75) |
| Cashflow from operating activities | 279,430.76  | (70,759.75) |
| Opening Balance               | 121,766.73  | 192,526.46 |
| Adjustment of Prior Year Closing balance | (64.50) |        |
| **Closing Balance**           | **400,132.99** | **121,766.73** |

**Notes to the Statement of Financial Performance**

1. Research revenue consisted of $20,000 from Productivity Commission; $55,000 from Australian Bureau of Statistics; and $207,000 from the Australian National University.
2. Consulting fees paid to UTS for provision of economic consultancy services on Contraceptive Choice project.
3. Travel expenses were for flights, accommodation and other associated expenditure for domestic and international conferences & meetings.
4. 2010 Cashflow from operating activities was derived from Operating result, adjusted for decrease in Accounts Receivable of $219,769.50 at the end of the reporting period.
5. Year end adjustment of GST Input tax credit of $94.50.

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.
4. Details of research grants and projects associated with CAER during 2010

The following is a list of research grants and projects held by CAER members in 2010 as part of their research group activities\(^1\). 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 are administrated by the School of Economics (UNSW).


Commonwealth Environment Research Facilities program, the Environmental Economics Research Hub, 2007-2010, “Salinity, Uncertainty and Property”, $308,000, lead investigator: **K.J. Fox**, partner organizations: the Australian National University, Central Queensland University, University of Western Australia, University of New South Wales (CAER), Griffith University and Macquarie University. Funds of this project were administrated by CAER.

Commonwealth Environment Research Facilities program, the Environmental Economics Research Hub, 2007-2010, “The Benefits and Costs of Bio-security”, $380,000, lead investigators: **K.J. Fox** and **T. Kompas**, partner organizations: the Australian National University, Central Queensland University, University of Western Australia, University of New South Wales (CAER), Griffith University and Macquarie University. Funds of this project were administrated by the Australian National University.

ASBRG UNSW Grant, 2010, “Staying home or dining out? Social interactions and old-age consumption profiles”, $21,000, investigator: **Dobrescu, L.I.** Funds of this project were administrated by the School of Economics (UNSW).

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\(^1\) 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, infrastructure and other resources provided to CAER during 2010

5.1 In-kind contributions

Estimated value of CAER members contribution to CAER’s activities – by research groups

<table>
<thead>
<tr>
<th>CAER member</th>
<th>Type of Activity</th>
<th>Value of Contribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor Denzil Fiebig</td>
<td>Health Economics Group activities</td>
<td>54,994</td>
</tr>
<tr>
<td>Associate Professor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Denise Doiron</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dr. Isabella Dobrescu</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dr. Marian Vidal-Fernandez</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professor Kevin Fox</td>
<td>Economic Measurement Group activities</td>
<td>75,947</td>
</tr>
<tr>
<td>Professor Erwin Diewert</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Associate Professor Glenn</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Otto</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professor Kevin Fox</td>
<td>Natural Resources and the Environment</td>
<td>16,098</td>
</tr>
<tr>
<td></td>
<td>Group activities</td>
<td></td>
</tr>
<tr>
<td>Associate Professor Peter</td>
<td>CAER research activities</td>
<td>13,826</td>
</tr>
<tr>
<td>Kriesler</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professor John Nevile</td>
<td>CAER research activities</td>
<td>16,098</td>
</tr>
</tbody>
</table>

Total in-kind: 176,963

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

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Value of Contribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor Kevin Fox</td>
<td>Director</td>
</tr>
<tr>
<td>Associate Professor Peter Kriesler</td>
<td>Deputy Director</td>
</tr>
<tr>
<td>Associate Professor Michael Johnson (School of Social Sciences)</td>
<td>Steering Committee</td>
</tr>
<tr>
<td>Professor Alec Cameron (ASB Dean)</td>
<td></td>
</tr>
<tr>
<td>School of Economics administrative support</td>
<td>Mainly HR, IT, finance and workshops/visitors organization support</td>
</tr>
<tr>
<td>ASB administrative support</td>
<td></td>
</tr>
<tr>
<td><strong>Total in-kind</strong></td>
<td></td>
</tr>
</tbody>
</table>

5.2 **Infrastructure and other resources provided to CAER**

In 2010 CAER members provided their own office space (including computers) on or off campus. The School of Economics provided meeting space and printer/photocopier facilities.

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3 Including the administrative support which was provided by the School Manager Fei Wong.
6. Details of publications and other scholarly achievements associated with CAER during 2010

6.1 CAER Journal Publication - The Economic and Labour Relations Review

The Economic and Labour Relations Review (ELRR) is jointly produced by the Industrial Relations Research Centre (IRRC) and the Centre for Applied Economic Research (CAER). In 2010 its executive editors were IRRC Director Professor Michael Quinlan (School of Organisation and Management), IRRC Deputy Director Associate Professor Anne Junor, CAER Deputy Director Associate Professor Peter Kriesler (School of Economics) and Associate Professor Hazel Bateman (School of Economics). The ELRR’s book review editors were Associate Professor Garry Barrett (University of Sydney) and Dr David Morgan (School of Organisation and Management).

New members of the editorial committee during 2010 included: Emeritus Professor P.N. (Raja) Junankar (University of Western Sydney) and Dr Alan Morris (UNSW). Emeritus Professor John Nevile (CAER, UNSW) and Emeritus Professor Geoff Harcourt (UNSW), both previously members of the ELRR’s International Advisory Board, moved to the Editorial Committee and the journal was honoured to have the active support of these eminent economists.

In 2010, the ELRR received $25,000 from the Australian School of Business to upgrade the ELRR’s systems and commission a marketing plan aimed at strengthening the academic standing and financial position of the journal, without compromising its orientation. The IRRC administrated these funds. The plan was completed in November 2010 and adopted by the ELRR’s editorial committee, for continuing implementation during 2011 and 2012.

In 2010, the ELRR moved from twice-yearly to thrice-yearly publication, starting with Volume 20 Number 2 (July). This volume was based on a symposium ‘Is Labour a Commodity?’ with guest editors Yanis Varoufakis (University of Athens) and Dimitria Groutsis (University of Sydney). In October 2010, Volume 21 Number 1 was published, containing a symposium, ‘Assessing the Fair Work Act’. The guest editors of the symposium were Professor George Lafferty (University of Western Sydney) and Dr Alison Barnes (Macquarie University). In December 2010, volume 21 Number 2 was published based on the symposium ‘Innovation, Skills and Training’.

The journal moved steadily towards an enhancement of quality, frequency and distribution, seeking to meet criteria for enhancing its ERA ranking, and attracting a commercial publisher. Negotiations were begun with Thomson Reuters to set up an on-line submission process through ScholarOne.

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 2010 as part of their research group activities. CAER members are marked in bold.

**Books – Edited**


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4 Research output of CAER members which was achieved outside of CAER’s research groups’ activities is excluded from the list.
Book Chapters


Referred Journal Articles


Other Research Output


**Scholarly Achievements**


Kevin Fox, Associate Editor, Journal of Productivity Analysis.

Kevin Fox, elected Fellow of the Academy of the Social Sciences in Australia, 2010.
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 2010 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 2010
In 2010 the Health Economics Group of CAER hosted its seventh annual summer workshop on the 28th and 29th of January. 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 workshop featured an excellent program and included presentations by the following speakers: Philip Clarke (University of Sydney), Claudio Lucifora (Università Cattolica), Rosalie Viney (University of Technology Sydney & CHERE), Elizabeth Savage (University of Technology Sydney & CHERE), Jason Abrevaya (University of Texas), Stephanie Knox (University of Technology Sydney & CHERE), Terry Flynn (University of Technology Sydney & CENSOC) and Tony Scott (University of Melbourne). UNSW PhD student, Agne Suziedelyte, also presented at the workshop.

Economic Measurement Group Workshop 2010
In 2010 the Economic Measurement Group of CAER hosted its tenth annual international workshop on the 1st - 3rd of December. 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 speakers (both local and international) and included Professor Fred Hilmer (President and Vice-Chancellor, UNSW) and Mr. Don Brunker (Assistant Commissioner, Productivity Commission) as featured speakers. Two UNSW PhD students (Amani El纳斯里 and Joaquin Vespignani) and one UNSW early career academic (Dr. Iqbal Syed) presented at the workshop. The workshop attracted one hundred and seven participants, many of whom were from the Australian Bureau of Statistics, Productivity Commission, Australian Treasury, the Reserve Bank of Australia and Statistics New Zealand. Seventeen percent of the workshop delegates were from overseas.

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 2010
Prof. Ulrich Kohli, University of Geneva
Prof. Ernst Berndt, MIT
Prof. Robert Hill, University of Graz
Dr. Jan de Haan, Statistics Netherlands
Visitors hosted by the Natural Resources and the Environment Group of CAER in 2010
Li Na, PhD student, Hohai University
Moriah Bellenger, PhD student, Oregon State University

7.3 Academic, industry and government engagements

- Dr. Iqbal Syed of CAER’s Economics Measurement Group presented the research undertaken by the group on Price Indexes at the Australian Bureau of Statistics, Canberra, 2010. Professor Kevin Fox and Associate Professor Glenn Otto were also present.

- During 2010 Professor Kevin Fox was a member of the Australian Bureau of Statistics Methodology Advisory Committee and a member of the Australian Bureau of Statistics Productivity Measurement Reference Group. He also chaired the 16th Series CPI Review Advisory Group.

- In 2010 the Natural Resources and the Environment Group of CAER has commenced discussions with the US Department of Agriculture on future collaboration which is aimed to investigate how the construction and measurement of their agriculture price indices can be adjusted, and thus improved, to align with the rapid changes of the agricultural sector.

- Dr. Lisa Lee of CAER’s Natural Resources and the Environment Group was awarded a Fellowship from the Australian Academy of Science in 2010 under their Scientific Visits to Taiwan scheme. She worked at Pingtung University in September and October, with the primary focus of the research visit being to explore environmental management practices, particularly in relation to illegal wildlife smuggling in Taiwan.

7.4 Media engagement

The following is a list of media engagement undertaken by CAER members in order to raise the profile of CAER and UNSW in the broader community:

8. **A list of research supervision carried out by CAER members on behalf of academic units**

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 2010 as part of their research group activities. CAER members are marked in bold.

**PhD Supervision**

Supervisors: **Denise Doiron** and Shiko Maruyama (School of Economics, UNSW)
Joanne Epp: *Trends and access to treatment for mental health in Australia from 1989 to 2004-05*
Submitted and conferred: 2010

Supervisor: **Kevin Fox**
Abu Shonchoy: *Essays in Development Economics*
Submitted and conferred: 2010

Supervisor: **Kevin Fox**
Thomas Longden: *Applied environmental economics: bridging the divide between policy and theory within the context of recycling, macro-level environmental indicators, and water trading*
Submitted: 2010

Supervisor: **Denzil Fiebig**
Muralikrishnan Radhakrishnan Kartha: *Economics of cataract surgery*
In progress

Supervisors: Robert Kohn (School of Economics, UNSW) and **Denzil Fiebig**
Yuanyuan Gu: *Bayesian modelling with applications in health economics*
In progress

Supervisor: **Denise Doiron**
Agne Suziedelyte: *Three essays in the economics of health and human capital: the role of information technologies and media*
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: **Glenn Otto** and **Kevin Fox**
Amani Elnasri: *Three Essays on Infrastructure Investment: the Australian Experience*
In progress
Supervisor: **Kevin Fox**
Joaquin Vespignani: *Asymmetric Monetary Policy and Consumer Demand Responses in Australia*
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: **Kevin Fox**
Amy Cheung: *Economic analysis of an environmental challenge: salinity, uncertainty and property*
In progress

**Honours Supervision**

Supervisor: **Denzil Fiebig**
Claire Houssard: *Working hours mismatch in non-standard employment and individual’s mental health*
School of Economics, UNSW
9. 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 2010. Instead, the Director had informal meetings with the members of the Steering Committee in regard to CAER’s operations.