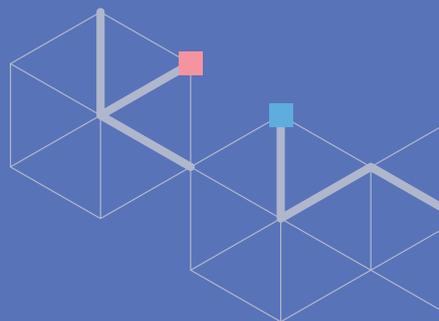


Progress Report

January 2015 – June 2016

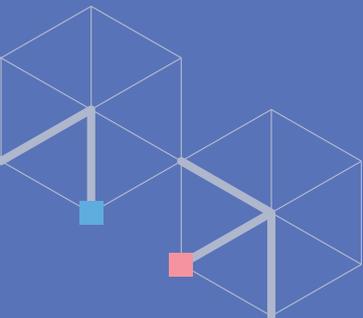


A CONSORTIUM OF



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Highlights

2015

**Billcap Pty Ltd Technology
Transforming Markets:**

Largescale field experiments in
electricity use (ARC LP 1410100099)

**Commonwealth Department
of Agriculture:**

Biosecurity Boarder Protection:
Incentives for Importers Phase 2:
Experimental testing of incentive
mechanisms

The Melbourne Institute:

Competition in Medical Labour Markets
(ARC LP 150100357)

About the CMD

The Centre for Market Design (CMD) is a research centre jointly funded by the Commonwealth Treasury, the Victorian Department of Treasury and Finance, and the University of Melbourne. It was established in 2012, and is currently funded through to December 2017.

The CMD supports policy innovation by applying economic design and econometric techniques to public policy, procurement and resource allocation problems. We have particular expertise in mechanism design, auction theory, matching markets, experimental economics, and structural econometrics.

The CMD was created to build capabilities needed in economic design, and to harness ideas and techniques to create solutions to 'real world' public policy problems.

We aim to improve the efficiency of institutions and markets by supporting research in the fundamental disciplines underlying market design.

We work directly with Government to support policy innovation, market design and implementation, by providing practical policy advice informed by economic theory and supported on evidence.

We are hosted by the University of Melbourne's Economics Department – ranked 48th in the Tilburg ranking of the 100 top Economics Departments in the world.

We work with Victorian, interstate and federal agencies, and we continue to develop our international profile.

Our policy engagements include those with the Commonwealth departments of Agriculture and Communications, the New Zealand Ministry of Agriculture, the Victorian departments of Education and Early Childhood Development, the NSW Treasury, the NSW Independent Commission against Corruption, among many others.



⋮ **Medical Panels Victoria:**

⋮ Market approach to enrol
⋮ medical expertise

⋮ **Children's Court of Victoria:**

⋮ Field experiment in youth justice
⋮ interventions

⋮ **Department of Treasury
and Finance:**

⋮ Procurement of fuel for the Victorian
⋮ Government fleet of motor vehicles

⋮ **Commonwealth Department
of Agriculture:**

⋮ Laboratory experiments in messaging
⋮ in the biosecurity system

⋮ **National Disability Insurance
Agency:**

⋮ Market for student transport under
⋮ the NDIS

⋮ **Specialist Certificate in
Economic Design:**

⋮ The CMD ran the inaugural executive
⋮ education course in Melbourne in May,
⋮ and twice more in Canberra in June.

Chair's Foreword



Paul Kofman

The Centre for Market Design provides an important research engagement platform for the Faculty of Business and Economics at the University of Melbourne. The CMD successfully manages that rare combination of highly technical economic modelling and its application to increasingly complex market design requirements.

In 2016 – its second year of phase two – the CMD continued its strategy of growth and consolidation, generating a substantial number of successfully implemented projects in each of its core areas of policy, capability building and fundamental research. On behalf of the Board and the Founding Members, I would like to thank the CMD team for their hard work and their relentless pushing forward, and I wish them all the best for a similarly or even more successful 2017.

Director's Report



Simon Loertscher

To say that 2016 has been a good year for the CMD seems like a substantial understatement in light of successes we have had across the board. We launched the *Specialist Certificate in Economic Design*, an executive education program tailored to the needs of public servants in Australia, our extraordinary successes in academic hiring have strengthened market design expertise within the Economics Department and in student placement, we have had tangible success in policy implementation that is estimated to save the Victorian Government \$1 million per year, and we have had a highly productive year in research and research training. I want to elaborate on each of these areas, which reflect the CMD's three pillars *Research, Capability Building, and Policy*, and highlight CMD contributions over the last year. I will conclude with our outlook for 2017 and beyond.

In the policy domain, we continued our work program in *Procurement, Human Services, Regulation and Policy Evaluation*, in the form of randomised control trials that bring cutting-edge methods from the research frontier into the policy space. The CMD assisted the Victorian Government in designing a competitive procurement auction for fuel, which reduces its annual expenditure by an estimated \$1 million; we kept working with the Commonwealth Government's Department of Agriculture and the Centre of Excellence for Biosecurity Risk Assessment on incentive-based regulation; we worked with the National Disability Insurance Agency on

schemes to improve transportation options for children with disabilities; and with the Children's Court of Victoria to assess the effectiveness of alternative interventions.

With regards to research, the CMD and its Melbourne based affiliates have had a productive year, with papers published, forthcoming, or in-press in economics journals including the *American Economic Review*, *Journal of Economic Theory*, *Review of Economics and Statistics*, *American Economic Journal: Policy*, *Journal of Industrial Economics*, and the *International Journal of Industrial Organization*. Currently, CMD affiliates have papers at the advanced stage of 'revise and resubmit' with journals including *Econometrica*, *Journal of Political Economy*, *Review of Economic Studies*, *Review of Economics and Statistics*, *Games and Economic Behaviour*, *Theoretical Economics*, and the *Journal of the European Economic Association*, and the *International Journal of Industrial Organization*. This high level of research productivity has received recognition from the FBE's Dean, who awarded various Prizes for excellence in research and research education to CMD affiliates, and by the ARC, which awarded two prestigious DECRA's to CMD affiliates.

Besides the placement of one of our former PhD students at the University of Pittsburgh as a tenure-tracked assistant professor, other PhD students supported by the CMD and working under the supervision of CMD affiliates have been extraordinarily successful. Their achievements also include papers published in renowned journal *Communications in Statistics - Theory and Methods*, and leading Australian economics journal *Economic Record*, awards for best paper presentation, and for student with most potential at the Australian PhD conference in Perth, securing the *Journal of Industrial Economics* Travel Fellowship, and giving presentations at prestigious conferences, including Econometric Society meetings, the NBER Market Design workshop at Stanford, and the Columbia/Duke/MIT/Northwestern IO Theory conference.

While the addition of new academic staff to the Economics Department has undoubtedly increased our capability in market design, the most important innovation in our capability building activities has been the launch of the *Specialist Certificate in Economic Design*. This innovative executive education course, accredited by the University of Melbourne, brings recent developments in microeconomics into the policy space. In 2017, the biggest innovation will be a weeklong workshop in economics for judges working on antitrust cases, jointly organised with the *Global Antitrust Institute* from George Mason University and the CMD.

This has been a year of growth and consolidation for the CMD. This would not have been possible without the tireless and enthusiastic support of our superb professional staff. I want to use this opportunity thank all, past and present, for your work and dedication to the CMD and to the diverse tasks this involves. It is also true that none of this would be possible without the hard work, perseverance and entrepreneurship of the public servants who work with, or on behalf of the CMD, for which we are all grateful.

Going forward, a potential avenue for increased capability building in Government is to systematically hire more PhD graduates. As funding for phase two of the CMD is due to end at the end of 2017, the question of funding beyond next year will have to be answered in the next few months.

If mixed in the right proportions I believe that engagement, research (with unmitigated liberty of thought), teaching, student supervision, and appropriate structure, all foster each other to strengthen the CMD's three pillars and make them more valuable than they would otherwise be. Not only is the CMD successful in bringing these multiple strands together in a productive manner, it also builds bridges between academic disciplines and different centres.

Capacity Building

Executive Education

The CMD offers an executive education program in economic design, which awards successful students a *Specialist Certificate in Economic Design*, with aims to build awareness of market and economic design in the public sector. In 2016, the program was taught three times, with total of 54 participants. To reduce transaction costs for participants, the certificate is typically taught at the customers' organisation, which in 2016 were the Department of Treasury and Finance in Victoria and the Commonwealth Treasury in Canberra. The teaching dates and places in 2017 are yet to be confirmed.

The program includes two subjects that bring policy makers up-to-date with recent developments in market design. It provides public servants with a conceptual framework for analysing policies and evaluating their effect. The program puts emphasis on the resource and information constraints that policy makers and market designers face and requires no formal background in economics. Each subject consists of four topics, each of which is taught by an academic expert from a leading Australian university.

Policy Capability Development

The CMD's primary focus on policy capability development in 2016 was with the above executive education courses at the Victorian and Commonwealth Governments. The Centre has, however, made in-roads into future policy capability development in 2016.

Victorian Behavioural Economics Unit

CMD affiliates Dr David Byrne, Dr Guy Mayraz and Dr Tom Wilkening teamed with the Melbourne Institute on a proposal to develop a behaviour insights unit at the Victorian Government. At the time of writing, the application process is yet to be finalised. If approved, this represents a significant contribution to policy capability, as the CMD will help educate researchers on behavioural economics and econometric program evaluation, ultimately helping policymakers discover new *nudges* which can be used to generate welfare-enhancing reforms without restricting individuals' choices in markets.

Centre for Energy Systems

In 2016 CMD affiliate Dr David Byrne worked with the School of Engineering at the University of Melbourne to develop an interdisciplinary Centre in Energy Systems, which focuses on issues in economics, market design and engineering in current and future energy systems. The CMD's development of an Energy Markets research stream, established in the 2015 CMD re-bid, is fundamental to this new CMD-supported centre. A high-level goal of this centre, is to develop new models of the energy grid and complementary econometric studies of individual behaviour, to inform the design and evolution of the Victorian and Australian energy grid. Importantly, the centre will work directly with the Australian Energy Market Operator in supporting the research and shaping future Australian energy policy.

If funded, the Centre for Energy Systems will be supported for 5-7 years and will bring in approximately \$5-10 million in research funds for energy markets and systems to the University.

Workshops and Mini-Courses

The CMD facilitated five workshops and mini-courses in 2016. This is the largest annual output of workshops and mini-courses ever produced by the CMD.

Asia Pacific Industrial Organisation Conference

Together with the New Zealand-based Applied and Theoretical Economics Research Network and Monash University, the CMD established a new annual international conference in Industrial Organisation. The conference will bring together researchers from across the Asia-Pacific region to discuss developments in theoretical and empirical research in Industrial Organisation and competition policy. The conference attracted an exceptional group of international invited and keynote speakers who were keen to help create a new conference in our region. The first conference will be held in December 2016.



The Specialist Certificate in Economic Design was first taught to a cohort of government decision makers in Melbourne in May 2016

Melbourne Industrial Organisation and Theory (MiNT) Workshop

In April 2016, various CMD affiliates participated in the first annual MiNT workshop at the University of Melbourne. Dr Ivan Balbuzanov was a co-organiser. The workshop brought together researchers from the Melbourne economics community, including representatives from the Universities of Melbourne, Monash, Deakin, RMIT, and La Trobe, and others, to discuss research in applied theory and industrial organisation. A high-level goal is to continue building a community among this large, diverse group of researchers.

Structural Econometrics Workshop

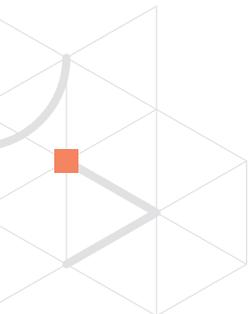
In June 2016, Prof Chris Ferrall gave a one-week workshop on structural econometrics and program evaluation to an audience of 50, including PhD students, faculty and policy makers. Of particular importance was the training and capacity building around the use of his software for policy evaluation, *niqlow*, which aims to make state-of-the-art techniques accessible to policy and applied economists.

Industrial Organisation Workshop

In July 2016, Prof Volker Nocke gave a one-week workshop on Industrial Organisation to faculty and PhD students in the Department of Economics. The workshop focused on methodological advances in the theory of industrial organisation, introducing audience members to a wide-range of frontier developments, including dynamic merger theory and policy, which Prof Nocke is an internationally renowned expert in.

Energy Markets Workshop

In August 2016, the CMD facilitated an energy markets workshop with Prof Jim Bushnell at the Victorian Government. The standing-room only audience of more than 75 people took in a three-hour workshop on the future of energy markets and energy grids, focusing on transitional issues that will arise as the energy sector transitions toward renewables like solar and wind power.



Fellowships, Scholarships, and Research Funding

Scholarships

We continued to provide PhD funding through the Centre's PhD scholarship program. Since its inception in 2014, we have provided important ad-hoc financial support for students to progress their research and international exposure. A recent example includes Dr David Delacretaz, whom the CMD supported to travel to the UK and USA to collaborate with senior scholars in the field of market design on an exciting new project on refugees and matching markets. For his work and research success, David was awarded "Best Student Presentation" and "The Student with Most Potential in Economics" at Australia's annual PhD Conference in Economics in November 2016.

The outcomes from this support are starting to be realised. Dr Andrea La Nauze, supported by the CMD scholarship program since 2014, was on the academic job market in 2015, and secured a tenure-track position as Assistant Professor of Economics at the University of Pittsburgh. This represents one of the top academic placements in the history of the University in economics. CMD support was instrumental to this outcome. We are optimistic about achieving similar placement successes going forward through CMD-supported PhD students in economics.

Fellowships

The CMD also had success securing fellowships in 2016. These include hosting Ms. Ioana Neamtu from Aarhus through an international exchange program in Energy Economics.

Two of our affiliates, Dr Tim Moore and Dr Alex Nichifor, were awarded prestigious Discovery Early Career Research Awards from the Australian Research Council. These awards respectively come with fully paid PhD scholarships in program evaluation (Moore) and market design and microeconomic theory (Nichifor).¹

Another affiliate, Dr David Byrne, secured a strategic Australian Postgraduate Award joint with the Melbourne Energy Institute in Energy Economics. These and other fellowships will serve to further support the Centre's PhD scholarship program going forward.

Funding

CMD affiliates Prof Nisvan Erkal and Dr Jun Xiao were awarded an ARC Discovery Project in the second half of 2016 for their project on *Innovation Contests*.

CMD affiliates Prof Simon Loertscher and Dr David Byrne, together with Prof John Freebairn from the Department of Economics, were awarded the FBE Horden Project, as funded by The Samuel and June Horden Endowment. The project is valued at \$180,000 from 2016-19, and will be used to fund their research project entitled *Increasing Market Thickness in Rural and Regional Australia*.

¹ It is worth noting that various CMD affiliates played a central role in recruiting Dr Moore in 2014 and Dr Nichifor in 2015.

Fundamental Research



Support for Academic Positions

Since 2013, the CMD supported four full-time academic positions in economics, specifically in market design and energy economics. Through these strategic initiatives, we have hired Dr Leslie Martin, Dr Jun Xiao, Dr Ivan Balbuzanov and Dr Renaud Coulomb. These researchers now play an integral role in contributing to the research environment of the Centre. They produce research articles in leading economic journals, and contribute to Australian public policy discussions and capacity government with the Victorian and Commonwealth Governments.

Going forward, the CMD continues to pursue similar strategic hiring initiatives. Where possible, we aim to team with research centres and institutes (such as the Melbourne Energy Institute) across the University in making appointments. Currently, we do not have a strategic position planned for 2016-17 as the Centre is focused on capacity building (see above), and because the Department of Economics has current hiring needs in other research fields.

Visitor Program

The CMD continues to have an active visitor program. In 2015-2016, we hosted various high-profile international scholars from around the world including Prof Jim Bushnell (UC Davis), Prof Chris Ferrall (Queen's), Prof Volker Nocke (Mannheim), Prof Leslie Marx (Duke), Prof Matthew Shum (Caltex) and Prof Yeon-Koo Che (Columbia), among various others.

Research Support

We continued to administer the CMD research-funding program, which like the CMD scholarship program, was established in 2014. In the past year we provided ad-hoc support for a variety of projects, including

- Dr Tom Wilkening's work on market design in land transfer markets in Kenya
- Dr Renaud Coulomb's research on political economy, conflict and resource extraction in developing countries including Myanmar
- Dr Victoria Baranov's studies of the long-run effects of HIV vaccines on growth and development in Africa.

Policy Projects

The objective of the Policy Projects component of the CMD Work Program is to demonstrate the application of modern microeconomic theory to important policy design problems experienced by government. The CMD has active policy projects in procurement, human services, incentive-based regulation and randomised control trials. Progress over the period January 2015 to June 2016 under each of these policy areas is summarised below.



Procurement

The objective of the procurement component of the Work Program is to demonstrate the use of and benefits of designed, electronic procurement auctions rather than standard tender and negotiation processes currently in use by government procurement agencies. Two procurement projects have been active over 2015-16.

Fuel Procurement

The CMD assisted the Victorian Government to design a competitive procurement auction to purchase around 50 million litres of fuel each year for its fleet of vehicles. The CMD developed an approach that enhanced competition between fuel suppliers in the auction and differentiated the supply contracts. These relatively simple, low-cost changes in the procurement process resulted in a saving of around 2c/litre amounting to around \$1m each year of the supply contract.

Medical Panels

Each year the Victorian Government, through Medical Panels Victoria (MPV), contracts medical experts to resolve medico-legal disputes that arise under the *Workplace Injury Rehabilitation and Compensation Act 2013* (WIRC Act) and to provide legally binding determinations on common law impairment assessments under the *Wrongs Act 1985*. Medical experts are currently contracted under an administered price determined by the Government. In 2015-16 the CMD designed a forward contracting market based on a Vickrey-Clarke-Groves auction format that determines individual contract rates for medical experts. An electronic auction has been designed by auction theorists, coding has been completed and a laboratory test-bed phase has commenced.

Human Services

The National Disability Insurance Scheme (NDIS) is the catalyst for a fundamental shift in the way disability services are delivered in Australia. Its objective is to empower people with disability to make decisions about the types of support that they need, and to create the requisite institutions to source these human services from non-government organisations. The CMD, working with Professor Plott (Caltech), designed a double-sided institution needed to allocate school transport services to children with disability. The mechanism has been designed to: increase economic efficiency across all participants in the market; harness competition on the supply-side; incorporate choice on the demand-side; and reveal information needed to facilitate efficient matching of transport modes to individual students. The institution resolves coordination problems between students within the market, rather than within the firm, so that the recipients of disability funding can share the benefits of competition and coordination. The mechanism is about to enter a field pilot and evaluation stage.

Incentive-Based Regulation

The CMD is funded by the Department of Agriculture, through the Centre of Excellence for Biosecurity Risk Assessment (CEBRA) to explore the way that incentives might be embedded in a regulatory process in the biosecurity system that regulates the importation of plant and animal products into Australia. Economic theory has been applied to design information and incentive architectures needed to align the apparently divergent actions of importers with the objectives of the regulator. Over the 2015-16 year, the pilot has progressed from theoretical formulation, laboratory test-bed to field pilot stage. The field pilot will continue through 2016-17.



Randomised Control Trials

Children's Court

For complex public policy problems for which there is no clear theoretical foundation or empirical evidence, randomised control trials (RCT) can assist governments to discover which interventions are effective. The CMD is assisting the Children's Court of Victoria to design and implement an RCT to investigate the effectiveness of interventions that might reduce the recidivism for young offenders entering the justice system. Over 250 interviews with young offenders have now been completed as part of a natural experiment to track and evaluate the impact of a range of non-custodial interventions on the recidivism rates. Analysis of results will commence in 2017 with tracking of offender to continue for another two years.

Governance



The CMD is a joint undertaking, established by agreement between the Commonwealth Treasury, the Victorian Department of Treasury and Finance, and the University of Melbourne. It is hosted by the Department of Economics at the University of Melbourne. The Centre was inaugurated on 12 April 2012.

There is a Central Board comprising one representative of each of the Founding Members with senior stakeholder representation and reserve powers over key decisions (for example approval of the budget and work program). There is an Extended Board based on expertise including senior Treasury officials at both a federal and state level, and prominent international and national market design professors who provide expert feedback to help to direct, strengthen and shape the Centre's future direction.

New members may be appointed to the Board, on the recommendation of the Director and the approval of the Founding Members. Apart from reserved decisions, Board decisions require a two thirds majority including at least two Founding Members. The Board must meet at least twice per year, and may meet remotely.

The Centre Executive comprised of the Director (UoM), the Deputy Director, Policy Research (DTF), and the Deputy Director, Fundamental Research (UoM), have a high level of operational autonomy.

The Centre has an annual cash budget of around \$600,000, contributed approximately equally by each of the Founding Members, and has access to in-kind resources valued at around \$1m. There is genuine in-kind commitment of staff by both University and Government partners allowing it to only employ a minimal staff. In addition, it can make agreements with institutions and individuals, including individuals from other universities, can undertake joint projects with other agencies, and can buy in research and policy support services from outside the Centre.

Board representation as at 8 June 2016:

Founding Members



Professor Paul Kofman (Chair)
The University of Melbourne



Mr Mark Johnstone
Department of Treasury &
Finance, Victoria Government



Mr Nigel Ray
The Treasury, Australian
Commonwealth Government

Extended Members



Professor Peter Bardsley
The University of Melbourne



Professor Leslie Marx
Duke University



Dr Juan-Carlos Carbajal
University of New South Wales



Professor Stephen Hanly
Macquarie University



Professor Utku Unver
Boston College



Professor Deborah Cobb-Clark
University of Sydney



Professor Richard Holden
University of New South Wales



Professor Stephen King
Monash University

Appendix 1: Financial Statement January 2015 – June 2016

Grant Funding	\$ (excl. GST)
Income	
Grants received from Department of Treasury - Commonwealth	410,000.00
Grants received from Department of Treasury & Finance - Victoria	400,000.00
Interest Earned	11,325.06
University Contribution	700,000.00
Total Income for the reporting period	1,521,325.06
Expenditure	
Fundamental research: support for academic positions	130,678.31
Fundamental research: support for workshops and visitor program	39,886.97
Fundamental research: other research support	38,013.42
Policy projects: contracted services	180,527.94
Policy projects: other project costs	18,040.79
Building capability: executive education teaching costs	42,999.86
Building capability: visitors, scholarships and position support	104,592.72
Governance and management: administration salaries	280,424.15
Governance and management: supplies & admin. costs	153,620.40
Governance and management: communication & stakeholder engagement	28,079.83
Total Expenditure for the reporting period	1,016,864.39
Surplus/(Deficit) Balance for the reporting period	504,460.67
<i>Transfer of Grant Funding from previous reporting period</i>	<i>726,113.89</i>
Project Balance: Grant Funding as at 30 June 2016	1,230,574.56
Consultancy Projects (Non-Grant Funding)	
Income	163,218.89
Expenditure	116,347.06
Surplus/(Deficit) Balance for the reporting period	46,871.83
<i>Surplus / (Deficit) from previous reporting period</i>	<i>59,158.06</i>
Project Balance: Consultancy Projects as at 30 June 2016	106,029.89
Grant Funding & Consultancy Projects	
Project Balance Grant Funding & Consultancy Projects as at 30 June 2016	1,336,604.45

Please note: Grant Funding comprises of income and expenditure from GL 046924, 046931, 046907 & 046908. Consultancy Projects (Non-Grant Funding) comprises of all other CMD income and expenditure (GL 046937, 046910, 000000 & 000010).

Appendix 2: Outputs by CMD staff and affiliates in 2015 and 2016

CMD staff and affiliates have been successful in publishing their research in top journals in the 2015-2016 period with 25 papers published or accepted for publication in a wide range of leading international and local academic and general interest journals, including the *American Economic Review*, *European*

Economic Review, *Games and Economic Behavior*, *International Economic Review*, *International Journal of Industrial Organization*, *Journal of Economic Literature*, *Journal of Economic Theory*, *Journal of Public Economics*, *Review of Economics and Statistics*. See the list of publications below for full details.

Abhishek V., Hajek B. and **Williams S.R.** 2015. On Bidding with Securities: Risk Aversion and Positive Dependence. *Games and Economic Behavior*, 90, 66-80.

Aghion P., Fehr H., Holden R., **Wilkening T.** 2016. The Role of Bounded Rationality and Imperfect Information in Subgame Perfect Implementation – An Empirical investigation. *Journal of the European Economic Association*, forthcoming.

Artemov G. 2015. Time and Nash implementation. *Games and Economic Behavior*, 91, 229-236.

Balbuzanov I. 2016. Convex strategyproofness with an application to the probabilistic serial mechanism. *Social Choice and Welfare*, 42(3), 511-520.

Baron J., Cobb-Clark D. and **Erkal N.** 2015. Welfare Receipt and the Intergenerational Transmission of Work-Welfare Norms. *Southern Economic Journal*, 82(1), 208-234.

Byrne D. and de Roos N. 2016. Consumer Search in Retail Gasoline Markets. *Journal of Industrial Economics*, forthcoming.

Byrne D. 2015. Testing Models of Differentiated Products Markets: Consolidation in the Cable TV Industry. *International Economic Review*, 56(3), 805-850.

Byrne D., Leslie G.W. and Ware R. 2015. How do Consumers Respond to Gasoline Price Cycles? *The Energy Journal*, 36(1), 115-147.

Cameron L., **Erkal N.**, Gangadharan L. and Zhang M. 2015. Cultural Integration: Experimental Evidence of Convergence in Immigrants' Preferences. *Journal of Economic Behavior & Organization*, 111, 38-58.

Cheong L., Bleisch S., Kealy A., Tolhurst K., **Wilkening T.**, Duckham M. 2016. Evaluating the Impact of Visualization of Wildfire Hazard Upon Decision-Making Uncertainty. *International Journal of Geographical Information Science*, 30(7), 1377-1404.

Donazzan M., **Erkal N.** and Koh B.H. 2016. Impact of Rebates and Refunds on Contributions to Threshold Public Goods: Evidence from a Field Experiment. *Southern Economic Journal*, 83(1), 69-86.

Evans N., Garthwaite C. and **Moore T.** 2016. The White/Black Educational Gap, Stalled Progress, and the Long-term Consequences of the Emergence of Crack Cocaine Markets. *Review of Economics and Statistics*, forthcoming.

Gelber A., **Moore T.** and Strand A. 2016. The Effect of Disability Insurance Payments on Beneficiaries' Earnings. *American Economic Journal: Economic Policy*, forthcoming.

Harrison A., **Martin L.**, and Nataraj S. 2016. Green Industrial Policy in Emerging Markets. *Annual Reviews of Resource Economics*, forthcoming.

Loertscher S. and Marx L. 2016. Club Good Intermediaries. *International Journal of Industrial Organization*, forthcoming.

Loertscher S., Muir E. and Taylor P. 2016. A general noncentral hypergeometric distribution. *Communications in Statistics – Theory and Methods*, forthcoming.

Loertscher S., Marx L. and **Wilkening T.** 2015. A long way coming: Designing centralized markets with privately informed buyers and sellers. *Journal of Economic Literature*, 53(4), 857-897.

Martin L., Nataraj S. and Harrison A. 2016. In with the Big, Out with the Small: Removing Small-Scale Reservations in India. *American Economic Review*, forthcoming.

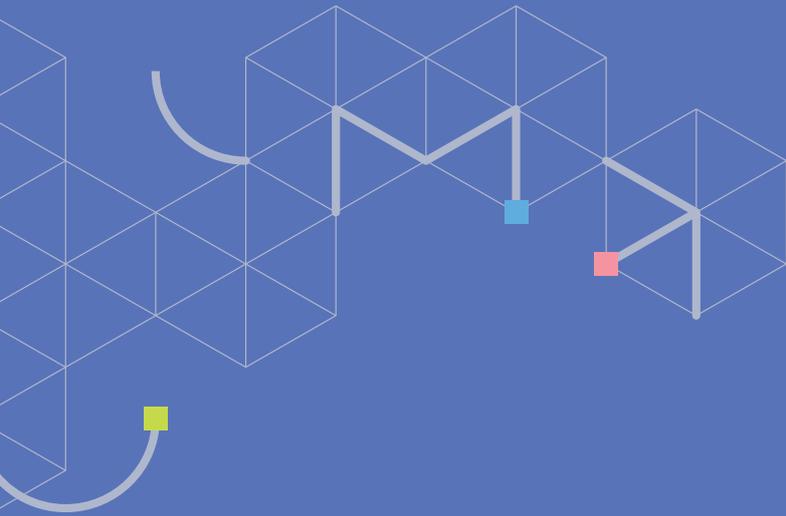
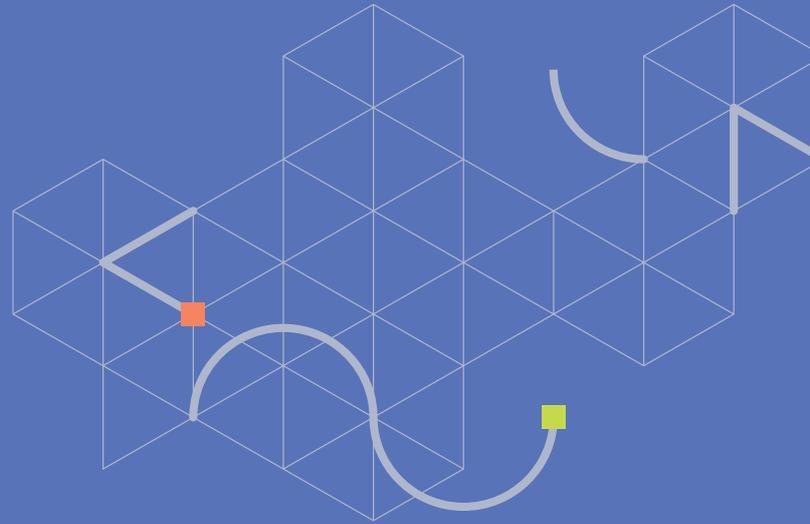
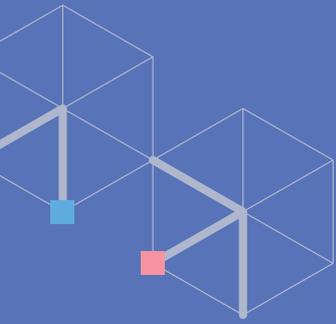
Moore T. 2015. The Employment Effects of Terminating Disability Benefits. *Journal of Public Economics*, 104, 30-43.

Rossiter A. and Hester S. 2016. Designing biosecurity inspection protocols to account for stakeholder incentives: An inspection game approach. *Economic Record*, forthcoming.

Rossiter A., Hester S., Aston C., Sibley J., **Stoneham G.** and Woodhams F. 2016. CEBRA Project 1304C: Incentives for Importer Choices, Final Report, 22 September. Available from: <http://cebra.unimelb.edu.au/publications/reports>.

Xiao J. 2016. Asymmetric All-Pay Contests with Heterogeneous Prizes. *Journal of Economic Theory*, 163, 178-221.

Wilkening T. 2016. Information and the Persistence of Private-Order Contractual Enforcement Institutions: An Experimental Analysis. *European Economic Review*, forthcoming.



Centre for Market Design

Level 4, FBE Building, 111 Barry Street
The University of Melbourne,
Parkville, Victoria 3010
Australia

t +61 3 8344 3095
e enquiries@cmd.org.au
w www.cmd.org.au

ABN 84 002 705 224

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Enquiries for reprinting information containing in this publication should be made through the Centre for Market Design.

Editor: Phoebe Bond

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