

DR DARCY WILLIAM ELLIS ALLEN

[EMAIL](#)
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EDUCATION

Ph.D., Economics, *RMIT University*, Melbourne, 2017.

Bachelor of Business (First Class Honours), Economics and Finance, *RMIT University*, 2012.

PROFESSIONAL EMPLOYMENT

2018 – Present **Postdoctoral Research Fellow**, Blockchain Innovation Hub, RMIT University.

- Research into the economics and political economy of blockchain.
- Published peer reviewed journal articles, conference papers, book chapters and books.
- Extensive engagement with policymakers and industry partners.
- Over \$200,000 in successful grant funding.
- Led the development of new courses and an undergraduate minor.
- Over 250 Google Scholar citations.

2017 – 2018: **Editor**, *IPA Review*, Institute of Public Affairs, Melbourne, Australia.

- Edited four editions of Australia's longest running quarterly magazine on politics and culture.
- Timely commissioning of articles within a set budget.
- Received mainstream media coverage for the magazine.
- Management of a team of internal and external writers, editors, designers.

2014 – 2018: **Research Fellow**, Institute of Public Affairs, Melbourne, Australia.

- Appearances as expert witness before parliamentary inquiries at both federal and state level.
- Writing research reports and submissions to government across a wide range of topics.
- Determining research priorities, approving reports, quality management and mentoring.
- Mainstream electronic and print media (opinion, front page coverage, radio).
- Collaboration with international research teams.

PROFESSIONAL AFFILIATIONS

2018 – Present **Editorial Board**, *The Journal of the British Blockchain Association*.

2018 – Present **Editorial Board**, *Frontiers in Blockchain*.

2018 – Present **Adjunct Fellow**, Institute of Public Affairs.

2018 – Present **Academic Fellow**, Australian Taxpayers' Alliance.

2018 – Present **Academic Fellow**, Worldwide Blockchain Innovation Association.

2017 – Present **Academic Affiliate**, University College London Centre for Blockchain Technologies

TEACHING AND COURSE DEVELOPMENT

2019: **Developer of undergraduate course**, *The Blockchain Economy*, RMIT University.

2018: **Mentor**, *Developing Blockchain Strategy*, RMIT Online.

2015: **Tutor**, *Development Economics*, RMIT University.

2014: **Tutor**, *Prices and Markets*, RMIT University.

GRANTS AND RESEARCH INCOME

Completed

- *Blockchain and Digital Innovation Projects for the APEC Business Advisory Council in Papua New Guinea* (Total project value: **\$135,000**). With Dr Chris Berg.

In progress

- *Victorian Medical Research Acceleration Fund, 'Blockchain encryption technology to secure patient medical records'* (partnered with DB Results) (Total project value: **\$299,961**).
- *Department of Water, Land, Environment and Planning* (Total project value: **\$21,460**).
- *Technologies of Freedom* project (Total project value: **\$35,000**).

Successful but pending contract negotiation

- *Sustainable Built Environment National Research Center, 'Blockchain, AI and Transport'* (total project value: **\$25,000**).

SCHOLARSHIPS AND AWARDS

- RMIT Prize for Research Excellence – Higher Degree by Research – Enterprise.
- Winner of RMIT College of Business Three Minute Thesis (3MT) competition.
- Represented RMIT at the PhD Business Conference at the University of Queensland.
- Australian Research Council (ARC) PhD Scholarship.
- Vice-Chancellor's List for Academic Excellence, 2012.
- RMIT Economics and Finance Honours Scholarship based on Academic Merit.

PEER REVIEWED JOURNAL ARTICLES

1. **Allen, Darcy W E**, Berg C and Novak, M (2018), 'Blockchain: An Entangled Political Economy Approach', *Journal of Public Finance and Public Choice*, vol. 33, no. 2.
2. **Allen, Darcy W E**, Berg, C, Lane, AML and Potts, J (2018), 'Cryptodemocracy and its Institutional Possibilities', *The Review of Austrian Economics*, pp. 1-12. (Scimago Q2).
3. **Allen, Darcy W E** and Berg, C (2017), 'Subjective Political Economy', *New Perspectives on Political Economy*, vol. 13, no. 1-2, pp. 19-40.
4. **Allen, Darcy W E** and Potts, J (2016), 'How the Innovation Commons Contributes to the Development and Discovery of New Technologies', *International Journal of the Commons*, vol. 10, no. 2, pp. 1035-54. (Scimago Q1, Impact Factor: 1.68).
5. Moilanen, J, Daly, A, Lobato, R and **Allen, Darcy W E** (2014), 'Cultures of Sharing in 3D printing: What Can we Learn from the Licence Choices of Thingiverse Users?' *Journal of Peer Production* 6.

PEER REVIEWED BOOK CHAPTERS

1. **Allen, Darcy W E** (2019), 'Entrepreneurial Exit: Developing the Cryptoeconomy', in Swan, M, Potts, J, Takagi, S, Tasco, P, Witte, F (eds.), *Blockchain Economics*, World Scientific.
2. **Allen, Darcy W E** (2018), 'Red Tape Reform: A New Approach', in Allen, Darcy W E and Berg C (eds.), *Australia's Red Tape Crisis: The Causes and Costs of Over-Regulation*, Connor Court Publishing.
3. **Allen, Darcy W E** and Berg, C (2018), 'Regulation and Technological Change', in Allen, Darcy W E and Berg C (eds.), *Australia's Red Tape Crisis: The Causes and Costs of Over-Regulation*, Connor Court Publishing.
4. MacDonald, TJ, **Allen, Darcy W E** and Potts, J (2016), 'Blockchains and the Boundaries of Self-organized Economies: Predictions for the Future of Banking', In P Tasca, T Aste, L

BOOKS (AS EDITOR)

1. **Allen, Darcy W E** and Berg, C (eds., 2018), *Australia's Red Tape Crisis: The Causes and Costs of Over-Regulation*, Connor Court Publishing, Brisbane, Australia.
 - Launched by Commonwealth Minister, Craig Laundy at Parliament House, Canberra.
 - Covered exclusively in *The Australian* (exclusive and editorial).

BOOKS AS AUTHOR

Submitted

1. **Allen, Darcy W E**, Lane, AML and Berg, C, *Cryptodemocracy*, Lexington Books Series on *Polycentricity: Studies in Institutional Diversity and Voluntary Governance* (currently under review).

Under contract

2. **Allen, Darcy W E**, Berg, C and Novak, M, *The Austrian Economics of Blockchain*, Cambridge University Press Elements.
3. **Allen, Darcy W E**, *When Entrepreneurs Meet: The Collective Governance of New Ideas*, World Scientific.

PAPERS UNDER REVIEW

1. **Allen, Darcy W E**, Berg, C, Markey-Towler, B, Novak, M, Potts, J, 'Some economic consequences of the GDPR' (currently under review at *Economics Bulletin*).
2. **Allen, Darcy W E**, Berg, C, Davidson, S, Novak, M, Potts, J, 'International policy coordination for blockchain supply chains' (currently under review at *Asia and the Pacific Policy Studies*).
3. **Allen, Darcy W E**, Berg, A, Markey-Towler, B, 'Blockchain and supply chains: V-form organisations, value redistributions, de-commoditisation and quality proxies' (currently under review at *The Journal of Supply Chain Management*).
4. **Allen, Darcy W E**, 'The proto-entrepreneurial discovery of blockchain applications' (currently under review at the *Journal of Entrepreneurship and Public Policy*).

WORKING PAPERS

1. **Allen, Darcy W E**, Berg, C and Novak, M, 'Blockchains, trade and cryptocities' (abstract accepted at *Cosmos & Taxis Conference*).
2. **Allen, Darcy W E** and Berg C, 'Blockchains and decentralised economic development' (to be submitted to the *Journal of Private Enterprise*).

CONFERENCE PAPERS

1. **Allen, Darcy W E**, Lane, M and Poblet, M 'The Governance of Blockchain Dispute Resolution' (presented at *Australian Law and Economics Conference*).
2. **Allen, Darcy W E**, Berg, C, Davidson, S, Novak M, Potts, J, 'Blockchain TradeTech', *APEC Study Centres Consortium Conference*, 12-14 May 2018, Papua New Guinea.
3. **Allen, Darcy W E**, Berg, C, Lane, AM and Potts, J 2017, 'The Economics of Cryptodemocracy', Presented at *Linked Democracy: AI for Democratic Innovation, 26th International Joint Conference on Artificial Intelligence*, 19 August, 2017.
4. **Allen, Darcy W E** and Potts, J 2016, 'The Origin of the Entrepreneur and the Innovation Commons' Presented at the *86th Annual Meeting of the Southern Economic Association Conference*, Washington, D.C. 19-21 November, 2016.
5. **Allen, Darcy W E** 2015, 'Governing Innovation: Asset Specificity, Opportunism, and the Fundamental Transformation', Presented at the *28th PhD Conference in Business and Economics*, University of Queensland, 11-13 November, 2015.
6. **Allen, Darcy W E** 2015, 'The Innovation Fundamental Transformation', *RMIT University Research Seminar*, 2015.

7. **Allen, Darcy W E** 2015, 'The Entrepreneurial Problem of the Blockchain', *Sydney Blockchain Workshops*, 2015.
8. **Allen, Darcy W E** and Potts, J 2015, 'The Innovation Commons – Why it Exists, What it Does, Who it Benefits and How', Presented at the *International Association for the Study of the Commons Biannual Global Conference*, Edmonton, Canada, 25-29 May, 2015.

EXPERT WITNESS BEFORE PARLIAMENT

1. **Senate Committee** on Red Tape, *Environmental Assessments and Approvals*, 22 August 2017, Perth (with Simon Breheny).
2. **Senate Committee** on Red Tape, *The Effect of Red Tape on the Sale, Supply and Taxation of Alcohol*, 24 February 2017, Sydney (with Dr Chris Berg).
3. **Senate Standing Committee on Economics**, *Inquiry into Criminal, Civil and Administrative Penalties into White Collar Crime*, 6 December 2016, Melbourne (with Andrew Bushnell).
4. **Victorian Standing Committee on Economy and Infrastructure**, *Inquiry into Ride Sourcing Services*, 8 September 2016, Melbourne (with Dr Chris Berg and Aaron Lane)

RESEARCH REPORTS AND SUBMISSIONS

1. **Allen, Darcy W E** and Berg C, 'Blockchain for Development', RMIT Blockchain Innovation Hub and APEC Study Centre Research Report.
 - Funded by the Department of Foreign Affairs and Trade.
 - Presented directly to parliamentarians in Papua New Guinea, including the Minister for Communications and Energy.
2. **Allen, Darcy W E**, Berg, A, Berg C, Davidson, S, Lane, A, Novak, M, Potts, J, 'Submission to Senate Standing Committee Inquiry into My Health Record System', *RMIT Blockchain Innovation Hub Submission*, 19 September 2018.
3. **Allen, Darcy W E**, Berg, A, Berg C, Davidson, S, Lane, A, Novak, M, Potts, J, 'Submission into the House of Representatives Standing Committee on Economics Inquiry into Impediments to Business Investment', *RMIT Blockchain Innovation Hub Submission*, 13 September 2018.
4. Wild, D and **Allen, Darcy W E** 2018, 'Five Principles of Red Tape Reduction', *IPA Occasional Paper*.
 - Research covered in *The Australian* newspaper.
5. Begg, M, **Allen, Darcy W E** and Wild, D 2017, 'Decentralising the Protection of Australian Threatened Species', *IPA Occasional Paper*.
 - Research covered in *The Australian* newspaper.
6. **Allen, Darcy W E** and Wild, D 2017, 'Submission to the Senate Inquiry into Environmental Assessments and Approvals', *IPA Submission*
 - Cited in the Senate Red Tape Committee Report.
7. **Allen, Darcy W E**, Berg, C, and Fraser, J 2017, 'Liquor Licensing Red Tape on Australian Businesses' *IPA Occasional Paper*.
 - Cited in the Senate Red Tape Committee report.
8. **Allen, Darcy W E** 2016, 'The Case for Cutting Red Tape on Drones', *IPA Occasional Paper*.
 - Covered *The Australian*.
 - Cited in Senate Standing Committee on Rural and Regional Affairs and Transport report.
9. **Allen, Darcy W E**, Wild, D and Hogan, B 2016, 'On Regulation, Productivity and Growth: Reforms to Make Australia More Prosperous', *IPA Occasional Paper*.
 - Cited in the Productivity Commission report.
10. **Allen, Darcy W E**, Berg, C, Novak, M and Wild, D 2016, 'A Response to the Productivity Commission Draft Report of the Regulation of Agriculture' *IPA Submission*.
 - Cited in the Productivity Commission report.
11. **Allen, Darcy W E** and Novak, M 2016, 'Ten Red Tape Initiatives for the Next Australian Government', *IPA Occasional Paper*.
12. **Allen, Darcy W E** and Berg, C 2016, 'Submission to the Senate Inquiry into White Collar Crime Penalties', *IPA Submission*.
 - Research covered in the Australian Financial Review.
 - Cited in the Senate Economics Committee report.
13. **Allen, Darcy W E**, Berg, C and Breheny, S 2016, 'Submission Relating to the Vegetation Management (Reinstatement) and Other Legislation Amendment Bill 2016', *IPA Submission*.
 - Cited in the Queensland Parliament Committee report.

14. **Allen, Darcy W E** and Potts, J 2015, 'Innovation Strangled by Red Tape', Submission to the Productivity Commission Inquiry into Business Set-up, Transfer and Closure, *IPA Submission*.
15. Stanley, V, **Allen, Darcy W E**, Lane, AML 2014, 'Freedom to Teach: A Research Report on the Work and Conditions of Teachers in Australia' *IPA Occasional Paper*.
 - Research covered on the front page of *The Australian* newspaper.
16. **Allen, Darcy W E** and Berg, C 2014, 'The Sharing Economy: How Over-Regulation Could Destroy an Economic Revolution', *IPA Occasional Paper*.
 - Covered in *The Australian*.

LECTURES, PRESENTATIONS, PANELS

- 'Blockchain in a Development Context', presentation to the Development Research Centre of The State Council (Delegation from China), Melbourne, 23 October 2018.
- 'Institutional Cryptoeconomics and Supply Chains', to Blockchain Pasifik Conference, Port Moresby, Papua New Guinea, 11 October 2018.
- 'Blockchain for development', Brief to the Parliament of Papua New Guinea, Port Moresby, Papua New Guinea, 10 October 2018.
- 'Cryptodemocracy', Proof of Work Seminar, RMIT School of Economics Finance and Marketing (with Aaron Lane), Melbourne, 4 October 2018.
- 'Introduction to blockchain', Board of the Victorian Department of Treasury and Finance (with Sinclair Davidson), Melbourne, 26 September 2018.
- 'The proto-entrepreneur and the innovation commons', RMIT Enterprise & Innovation Seminar, Melbourne, 21 September 2018.
- 'How blockchain impacts supply chain governance', Zhejiang Institute of Administration, RMIT Executive Education, Melbourne, 12 July 2018.
- 'Blockchain TradeTech', APEC Study Centres Consortium Conference, Port Moresby, Papua New Guinea, 14 May 2018.
- FinTech Australia and Australian Taxpayers' Alliance Panel on the Regulation of Cryptocurrencies, 1 May 2018, Melbourne.
- 'Blockchains, economics and the cryptoeconomy', Guest Lecture to RMIT class, 2018.
- Panel Member at Hall & Wilcox Law event on blockchain, Melbourne, 2018.
- 'Towards a classically liberal innovation policy', Australian Libertarian Society, Sydney, 2017.
- 'Innovation, entrepreneurship and regulation', ANZSFL Annual Conference, Melbourne, 2015.
- 'Regulation and new technologies', ALS Annual Conference, Sydney, 2015.
- 'Cultures of sharing and Thingiverse', Inside 3D Printing Conference, Melbourne, 2014.
- '3D printing, disruption and the law', Swinburne Institute for Social Research Interdisciplinary Seminar, 2014.

POPULAR WRITING

1. **Allen, Darcy W E** 2018, Clause for Concern, *IPA Review* 70(2).
2. **Allen, Darcy W E** and Berg C 2018, Blockchain to smart up global trade, *Vietnam Investment Review*, 10 September 2018.
3. **Allen, Darcy W E** 2017, Over-regulation could keep drones grounded, *The Weekly Times*, 26 July 2017.
4. **Allen, Darcy W E** 2017, The future of reform, *IPA Review* 69(4).
5. Bushnell, A, and **Allen, Darcy W E** 2017, Collared, *IPA Review* 69(2).
6. **Allen, Darcy W E** 2017, Budget leaves a philosophical deficit, *IPA Review* 69(2).
7. **Allen, Darcy W E** 2017, Too much regulation clips wings of innovation, *The Australian*, 19 May 2017.
8. **Allen, Darcy W E** 2017, Seeding prosperity, *IPA Review* 69(1).
9. **Allen, Darcy W E** 2017, Trumping architecture, *IPA Review* 69(1).
10. **Allen, Darcy W E** 2017, IPA Review: A voice for 70 years, *IPA Review* 69(1).
11. **Allen, Darcy W E** 2017, Taxi license compensation sends the wrong message, *Herald Sun*, 14 February 2017.
12. **Allen, Darcy W E** 2016, Private order, *IPA Review* 68(4).
13. **Allen, Darcy W E** 2016, Red tape hampers resources recovery, *The West Australian*, 7 October 2016.
14. **Allen, Darcy W E** 2016, Civilized economics, *IPA Review* 68(4).
15. **Allen, Darcy W E** and Wild, D 2016, Toxic greens, *IPA Review* 68(3).

16. **Allen, Darcy W E** 2016, Cut green and red tape to drive more growth in farming sector, *Mercury*, 31 July 2016.
17. **Allen, Darcy W E** 2016, Drive productivity through innovation, *Farm Weekly*, 28 July 2016.
18. **Allen, Darcy W E** 2016, Bat problem impossible to fix until we get rid of red tape, *The Queensland Times*, 29 June 2016.
19. **Allen, Darcy W E** 2016, Let's get rid of this suffocating bureaucracy, *The Weekly Times*, 8 June 2016.
20. **Allen, Darcy W E** 2016, Why the proposed tree laws are the very worst kind of red tape, *Queensland Country Life*, 7 April 2016.
21. **Allen, Darcy W E** 2015, Lessons from private cities, *IPA Review* 67(4).
22. **Allen, Darcy W E** 2015, The case for personal income taxation cuts, *IPA Review* 67(4).
23. **Allen, Darcy W E** 2015, New money, *IPA Review* 67(3).
24. Hannaford, P and **Allen, Darcy W E**, 2015, Freedom works, *IPA Review* 67(1).
25. **Allen, Darcy W E** 2015, New laws will impact Sydney apartment sizes, *Sydney Morning Herald*, 4 May 2015.
26. **Allen, Darcy W E** 2014, What is a taxi? Regulation and the sharing economy, *OECD Insights*, 22 December 2014.

REFeree WORK

- Cambridge University Press
- Journal of Entrepreneurship and Public Policy
- Sustainability (x4)
- Logistics
- Journal of Law, Information and Science
- Mercatus Centre at George Mason University
- The Journal of the British Blockchain Association (JBBA)

REFERENCES

Academic and professional references available on request.