

Trevor Kollmann | Curriculum Vitae

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Summary

My research examines how government policies and legal frameworks affect economic behaviour and outcomes, with a focus on innovation, trade, and competition dynamics.

Appointments

Senior Research Fellow in Economics Centre for Transformative Innovation; Swinburne University of Technology	2024 - Current Hawthorn, VIC
Research Fellow in Economics Centre for Transformative Innovation; Swinburne University of Technology	2018 - 2023 Hawthorn, VIC
Lecturer in Economics School of Economics, Finance and Marketing; RMIT University	2014 - 2017 Melbourne, VIC
Research Fellow in Applied Economics School of Economics; La Trobe University	2011 - 2014 Bundoora, VIC

Education

PhD in Economics University of Arizona Thesis: Housing Markets, Government Programs, and Race during the Great Depression Advisor: Professor Price Fishback Fields: Econometrics, Industrial Organisation, Labour Economics, Economic History	2011 Tucson, AZ
MA in Economics University of Arizona	2008 Tucson, AZ
BA in Economics and Mathematics Saint John's University	2005 Collegeville, MN

Affiliations

Research Associate Smart Cities Research Institute	2019 - 2023 Hawthorn, VIC
Associate Member Centre of Contemporary Australasian Business and Economic Studies; University of Wollongong	2018 - Current Wollongong, NSW
Research Affiliate Centre for Economic History; Australian National University	2012 - Current Canberra, ACT

Peer Reviewed Publications

Innovations in stock matching and allocations: the social housing challenge AHURI Final Report No. 394 w/ Iris Levin, Selina Tually, Jacqueline De Vries, Wendy Stone and Ian Goodwin-Smith	2023
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Does local technological specialisation, diversity and dynamic competition enhance firm creation? Research Policy w/ Junggho Kim, Alfons Palangkaraya and Elizabeth Webster	2022
Social interactions, residential segregation and the dynamics of tipping Journal of Evolutionary Economics w/ Simone Marsiglio, Sandy Suardi and Marco Tolotti	2021
Racial segregation in the United States since the Great Depression Journal of Housing Economics; Working Paper w/ Simone Marsiglio and Sandy Suardi	2018
The New Deal, Race, and Home Ownership in the 1920s and 1930s American Economic Review w/ Price Fishback	2011

Book Chapters

Do Trademarks Assist Global Fabless Manufacturing? Improving Intellectual Property; Working Paper w/ Stephen Petrie, Alex Codoreanu, Russell Thomson and Elizabeth Webster	2023
New Multi-City Estimates of the Changes in Home Values, 1920–1940 Housing and Mortgage Markets in Historical Perspective; Working Paper w/ Price Fishback	2014
Information and the Impact of Climate and Weather on Mortality Rates during the Great Depression The Economics of Climate Change: Adaptations Past and Present w/ Price Fishback, Werner Troesken, Michael Haines, Paul Rhode and Melissa Thomasson	2011

Working Papers

Additionality of R&D Tax Subsidies: Evidence using Regression Discontinuity Design (Revise and Resubmit in Research Policy) SSRN Working Paper w/ Russell Thomson and Nobuaki Yamashita	2024
Persuading voters with partisan TV news: a natural experiment using spatial reception data IZA Working Paper w/ Nicolas Héroult and Russell Thomson	2024
Trade Missions as Catalysts: Analyzing the Impact of Victorian Government Support on Export Performance w/ Alfons Palangkaraya	2024
The Macarthur family wool business – Australia's first producer-driven Global Value Chain w/ David Paynter	2023
Hedonic Price Indexes during the Great Depression w/ Price Fishback	2021
A comprehensive look at the interaction of heritage, zoning and housing values	2019

Reports and Industry Engagement

Economic Impact Analysis of Austrade's EMDG Program and Trade Services Austrade Report w/ Alfons Palangkaraya and Elizabeth Webster	2024
Computer implemented inventions – patent trends at IP Australia, EPO and USPTO IP Australia Report w/ Sarah Hegarty, Alfons Palangkaraya and Elizabeth Webster	2024
Raising the Bar Reforms: Refining the Impact Measure on Relative Patent Scope through Text Analysis IP Australia Report w/ Alfons Palangkaraya, Aneeq Sarwar and Elizabeth Webster	2024
Social Infrastructure and Green Measures for Affordable Housing Calculator Community Housing Industry Association Report and Calculator w/ Christian (Andi) Nygaard	2023
Social and affordable housing in Australia: a social cost-benefit analysis (Peer Reviewed) Community Housing Industry Association Report w/ Christian (Andi) Nygaard	2023
Additionality and Spillovers Achieved by the R&D Tax Incentive Program (Peer Reviewed) Australia Department of Industry, Science, Energy and Resources Report w/ Russell Thomson, Alfons Palangkaraya and Nobuaki Yamashita	2023
Invest Victoria Trade Index Model Invest Victoria (Department of Jobs, Skills, Industry and Regions) Report w/ Sarah Hegarty, Le Nguyen and Elizabeth Webster	2023
FDI and Effects on Firm Productivity Invest Victoria (Department of Jobs, Skills, Industry and Regions) Report w/ Le Nguyen, Russell Thomson and Elizabeth Webster	2023
Raising the Bar Reforms: Measuring the Impact on Relative Patent Scope IP Australia Report w/ Alfons Palangkaraya, Aneeq Sarwar and Elizabeth Webster	2023
Impact Evaluation of the IMCRC's futuremap®, 2018–21 Innovative Manufacturing CRC Report w/ Nobuaki Yamashita and Elizabeth Webster	2022
Austrade Trade Index Model Austrade Report w/ Sarah Hegarty, Alfons Palangkaraya, Elizabeth Webster and Nobuaki Yamashita	2022
Impact of Victoria Trade Mission Program, 2012–19 Victorian Department of Jobs, Precincts and Regions Report w/ Russell Thomson	2021
The effect of intangible capital on firm performance Office of Industry Innovation and Science Australia Report w/ Alfons Palangkaraya, Russell Thomson, Elizabeth Webster and Nobuaki Yamashita	2021

Impact of innovation on firm performance in the food manufacturing industry Food Standards Australia New Zealand Report w/ Alfons Palangkaraya and Elizabeth Webster	2021
Discussion on evaluating Austrade programs Austrade Report	2021
Memo: On the cost of a housing shortage for low-income households: total forgone wider social and economic benefits Community Housing Industry Association Report w/ Christian (Andi) Nygaard	2021
The Impact of Design Rights on Australian Firms IP Australia Report w/ Achintha Koswatta, Alfons Palangkaraya and Elizabeth Webster	2020
Analysis of Austrade Export Market Development Grants, 2012-17 Austrade Report w/ Alfons Palangkaraya and Elizabeth Webster	2020
Innovation in Manufactured Food and Infant Formula Sectors Food Standards Australia New Zealand Report w/ Alfons Palangkaraya and Elizabeth Webster	2020
Impact of Austrade Tailored Services, 2012-16 Austrade Report w/ Alfons Palangkaraya and Elizabeth Webster	2019

Current Projects

Innovation and networking influences on the decision to enter export markets w/ Alfons Palangkaraya, Russell Thomson and Elizabeth Webster	2024
Capturing FDI Spillovers on Australian Firm Productivity w/ Russell Thomson	2024

Teaching and Workshops

Data Science Fundamentals Postgraduate Co-Convener and Co-Lecturer with Alfons Palangkaraya	2024 Swinburne University
Developments in Program Evaluation Postgraduate and Government Workshop Workshop Designer and Delivery	2021-2022 Swinburne University
Urban Economics and Governance Postgraduate Co-Convener and Co-Lecturer with Christian (Andi) Nygaard	2021-2022 Swinburne University
Economics of Innovation Postgraduate Guest Lecturer	2021-2022 Swinburne University
Introduction to Stata Postgraduate and Academic Workshop Workshop Designer and Delivery	2015-2022 Swinburne University

Managerial Economics and Strategy

2nd Year Undergraduate

OUA Session Convenor

2020

Swinburne University

Economic Policy in Society

3rd Year Undergraduate

OUA Session Convenor

2020

Swinburne University

Introduction to QGIS

Postgraduate and Academic Workshop

Workshop Designer and Delivery

2017

RMIT University

Introduction to Business Statistics

1st Year Undergraduate

Convener, Lecturer and Tutor

2014-2017

RMIT University

Quantitative Analysis

2nd Year Undergraduate

Lecturer

2014

RMIT University

International Business Environment

2nd Year Undergraduate

Convener and Lecturer

2013

La Trobe University

Economics of Information and the Internet

3rd Year Undergraduate

Convener and Lecturer

2009

University of Arizona

Macroeconomic Institutions and Policy

2nd Year Undergraduate

Convener and Lecturer

2007-2008

University of Arizona

Grants and External Income

Small area analysis and projection of social housing change in form and location (Chief Investigator)

2024-2025

Australian Housing and Urban Research Institute (Category 1 Grant)

\$177,000

w/ Stephen Glackin, Steven Rowley and Piret Veeroja

Computer Implemented Inventions Research (Chief Investigator)

2024

IP Australia

\$88,000

w/ Sarah Hegarty and Alfons Palangkaraya

Evaluation of EMDG Grants (Chief Investigator)

2023-2024

Australia Trade and Investment Commission (Austrade)

\$140,000

w/ Sarah Hegarty, Russell Thomson and Elizabeth Webster

A fair rent? Facilitating residential tenancy determination through rental data analysis (Chief Investigator)

2023-2024

Australian Housing and Urban Research Institute (Category 1 Grant)

\$54,000

w/ Terry Burke, Chris Martin, Liss Ralston and Sean McNellis

Raising the Bar Reforms: Refining the Impact Measure on Relative Patent Scope (Chief Investigator)

2023

IP Australia

\$40,000

w/ Alfons Palangkaraya and Elizabeth Webster

Invest Victoria Trade Index Model (Chief Investigator)

2023

Invest Victoria

\$50,000

w/ Sarah Hegarty, Le Nguyen and Elizabeth Webster

FDI and Effects on Firm Productivity (Chief Investigator) Invest Victoria w/ Le Nguyen, Russell Thomson and Elizabeth Webster	2023 \$70,000
Social and Green Benefits Calculator (Chief Investigator) Community Housing Industry Association w/ Christian (Andi) Nygaard	2022-2023 \$54,000
Testing the impact of RTB reforms using machine learning approaches to predict patent scope IP Australia w/ Alfons Palangkaraya, Aneeq Sarwar and Elizabeth Webster	2022 \$86,000
IMCRC futuremap Evaluation (Chief Investigator) Innovative Manufacturing CRC w/ Elizabeth Webster and Nobuaki Yamashita	2022 \$50,000
Trade Index Model (Chief Investigator) Australia Trade and Investment Commission (Austrade) w/ Sarah Hegarty, Alfons Palangkaraya, Elizabeth Webster and Nobuaki Yamashita	2021-2022 \$204,000
Additionality of R&D Tax Policy in Australia Australia Department of Industry, Science, Energy and Resources w/ Alfons Palangkaraya, Russell Thomson and Nobuaki Yamashita	2021-2022 \$130,000
Innovations in stock matching and allocations for social housing (Chief Investigator) Australian Housing and Urban Research Institute (Category 1 Grant) w/ Iris Levin, Selina Tually, Jacqueline De Vries, Wendy Stone and Ian Goodwin-Smith	2021-2022 \$116,000
The Effect of Intangible Capital on Firm Performance Office of Industry Innovation and Science Australia w/ Alfons Palangkaraya, Russell Thomson, Elizabeth Webster and Nobuaki Yamashita	2021 \$130,000
Delivery of Program Evaluation Workshop (Chief Investigator) Australian Trade and Investment Commission	2021 \$33,500
Social and Affordable Housing Illustrator (Chief Investigator) Food Standards Australia New Zealand w/ Alfons Palangkaraya and Elizabeth Webster	2020 \$24,000
Innovation in Manufactured Food and Infant Formula Sectors (Chief Investigator) Food Standards Australia New Zealand w/ Alfons Palangkaraya and Elizabeth Webster	2020 \$24,000
Evaluation of the Export Market Development Grants (Chief Investigator) Australia Trade and Investment Commission (Austrade) w/ Alfons Palangkaraya and Elizabeth Webster	2019-2020 \$67,800
R&D Spill-over effects in Australia by Fields of Research (Chief Investigator) Australian Department of Industry, Science, Energy & Resources w/ Alfons Palangkaraya and Elizabeth Webster	2019 \$65,000
Research into drivers and impediments to design innovation in Australia (Chief Investigator) IP Australia w/ Alfons Palangkaraya and Elizabeth Webster	2019 \$67,800

Training an Austrade Intern to Undertake Program Evaluations Australia Trade and Investment Commission (Austrade) w/ Alfons Palangkaraya and Elizabeth Webster	2019 \$17,000
Impact assessment of Austrade's tailored services (Chief Investigator) Australia Trade and Investment Commission (Austrade) w/ Alfons Palangkaraya and Elizabeth Webster	2018 \$67,000
Early delivery of equitable and healthy transport options in new suburbs (Chief Investigator) RMIT Enabling Capability Platforms (Internal/External) w/ Robin Goodman (Project Leader), Kath Phelan, Elizabeth Taylor, Larissa Nicholls, Lucy Gunn and Melanie Davern	2017 \$631,137
Economic Welfare Analysis of reverse Mortgages in Australia (Chief Investigator) RMIT College of Business w/ Farzad Alavi Fard	2015 \$8,820
Who takes up reverse mortgages? A behavioural and economic assessment of Australian retirees (Chief Investigator) RMIT College of Business w/ Ashton de Silva, Farzad Alavi Fard and Sarah Sinclair	2015 \$10,000
Public Housing and Local Communities during the Great Depression (Chief Investigator) National Bureau of Economic Research	2013 \$1,700

Seminars and Conferences

Economic Impact of the Victorian Trade Missions (Presentation) East Asia Economic Association Conference (2024)	2024 Bangkok, Thailand
Additionality of R&D Tax Subsidies: Evidence using Regression Discontinuity Design (Presentation) Asia-Pacific Innovation Conference (2022); ABS BLADE User Showcase (2023)	2022-2023 Various Locations
Do Trademarks Assist Global Fabless Manufacturing? (Presentation) University of Liverpool (2020); Copenhagen Business School (2020); 5th Geography of Innovation Conference (2020); Asia-Pacific Innovation Conference (2019); United States Patent and Trademark Office (2019)	2019-2020 Various Locations
A comprehensive look at the interaction of heritage, zoning and housing values (Presentation) The American Real Estate and Urban Economics National Conference (2019); Economics of Cities Workshop at Monash University (2019); Infrastructure Victoria (2017)	2017-2019 Various Locations
Revisiting industrial growth in interwar Turkey (Ulaş Karakoç) (Discussant) Workshop on Middle Eastern Economic History Organised by Laura Panza and John Tang	2018 Canberra, ACT
Racial Segregation in Interwar United States (Presentation) Asia-Pacific Economic and Business History Conference Organiser/Host at RMIT University	2017 Melbourne, VIC
The Samurai Bond, Credit Supply and Economic Growth in Pre-War Japan (John Tang) (Discussant) Australasian Cliometrics Workshop	2017 Canberra, ACT

Hedonic Price Indexes during the Great Depression (Presentation) Population Association of America 2015 Annual Meeting; 2015 Asia-Pacific Economic and Business History Conference; 2014 Australasian Cliometrics Workshop	2014-2015 Various Locations
Clearing the Slums? Determining the Factors that Influenced the Location of New Deal Public Housing Projects (Presentation) NBER Conference on the Microeconomics of New Deal Policy (September 2011; March 2012; July 2012); Centre for Economic History Junior Economic Historian Workshop (2013)	2012-2013 Various Locations
Built with Good Intentions? An Examination of Public Housing Projects on Local Communities (Presentation) Asia-Pacific Economic and Business History Conference (2012); Deakin University (2012); Centre for Economic History Junior Economic Historian Workshop (2013)	2012-2013 Various Locations
The New Deal Race, and Housing in the 1930s (Presentation) American Economic Association	2011 Denver, CO
Impact of African-American Migration on Housing in New York City Neighborhoods during the Great Depression (Presentation) University of California-Merced (2010); University of Michigan-Dearborn (2011); La Trobe University (2011); California State University-Northridge (2011)	2010-2011 Various Locations
New Multi-City Estimates of the Changes in Home Values, 1920-1940 (Presentation) NBER Summer Institute (Development of the American Economy (2008); Great Depression Housing and Mortgage Crisis Workshop at the St Louis Federal Reserve (2009) Working Title: Housing Roller Coaster: Fluctuations in Urban Housing Markets	2008-2009 Various Locations
Information and the Impact of Climate and Weather on Mortality Rates during the Great Depression (Presentation) Sound Economic History Workshop (University of Lund)	2007 Lund, Sweden

Media and Public Events

Media Coverage Regarding the Social Infrastructure and Green Measures for Affordable Housing Calculator ABC; Mirage; Australian Property Journal; The National Tribune	2023
Conversations with Members Smart Cities Research Institute	2020 Melbourne, VIC
MTalks November Speakeasy: Densification and future decision-making for housing Hosted by the Smart Cities Research Institute	2019 Melbourne, VIC

Engagement

Utilisation of SIGMAH Hayball	2024
Austrade Market Search Tool Trade Index Model	2022
Review of Financial Assistance to SME Exporters Independent Review of Austrade EMDG	2020

Professional Service

ABS Business Longitudinal Analysis Data Environment (BLADE) Working Group Member	2019-Current
Housing Studies Referee	2019-Current
Journal of Economics & Management Strategy Referee	2024-Current
PLOS One Referee	2024-Current
Scientometrics Referee	2024-Current
PhD Milestone Panel Member Federico Bignone (PhD); Stephen Cook (PhD); Le Nguyen (PhD); Babu Ram Pantha (PhD); Seyed Abbas Seyed Salehi (PhD); Aneeq Sarwar (PhD); William Scales (PhD); Nga Vo (PhD)	2018-Current Swinburne University of Technology
Dataplace Data Sharing Beta Tester Office of the National Data Commissioner	2022
PhD Thesis Examination Queensland University of Technology	2020
External Seminar Coordinator Centre for Transformative Innovation at Swinburne University of Technology	2019
HDR Conference Panels RMIT University	2015-2017

Current and Completed Supervision

Andrew Duver (Co-Supervisor) Innovation in Agriculture (PhD Part-Time)	2030 Current
Sucharitha Navarathne Kahadawa Appuhamilage (Co-Supervisor) Digital Transformation and Entrepreneurship (PhD)	2027 Current
Mohammad Danish (Co-Supervisor) Foreign Patenting, Inventor Mobility and Knowledge Spillovers: An Empirical Analysis of Firms in India (PhD)	2025 Current
Fatima Lekhe (Co-Supervisor) The Role of the Service Industry in Global Economic Development (PhD)	2024 Current
David Paynter (Co-Supervisor) How Digital Technologies Assist Firms to Create their own Global Value Chains (PhD)	2022 Completed
Students in AVA40006 (Aviation Business Reserach Project) Drivers, Enablers, and Challenges of Air Transport (Undergraduate)	2021 Completed
Adrian Puglia (Supervisor) A Premium for Zoning, Impacts on Housing Demand in Melbourne (Honours)	2015 Completed
John Buncle (Co-Supervisor) The Impact of the First Home Owners Grant on House Prices in Victoria (Honours)	2014 Completed

Awards and Honours

School of Economics, Finance, and Marketing Teaching Award Improvements in Introduction to Business Statistics RMIT University	2016 Melbourne, VIC
RMIT University Teaching Award Business Quality Standards Project Team for Improving the First Year Student Experience RMIT University	2016 Melbourne, VIC
Emerging Diversity Scholar Citation National Center for Institutional Diversity University of Michigan	2013 Ann Arbor, MI
Allan Nevins Prize Finalist for best dissertation on U.S. Economic History topic Economic History Association	2011
Charles M. Tiebout Prize in Regional Science Finalist for Impact of African American Migration on Housing in New York City Neighborhoods during the Great Depression Western Regional Studies Association	2011
Second Place in Student Paper Competition for Impact of African American Migration on Housing in New York City Neighborhoods during the Great Depression IVth World Conference of the Spatial Econometrics Association	2010

Software Expertise

Expert	Stata; QGIS; ArcGIS Pro; MS Office
Intermediate	Blender; Matlab; Geoda; $\text{\LaTeX}$; Photoshop; Python; R
Beginner	SQL

Personal

Citizenship	Australia; United States of America
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