

# Daniel John Woods

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## ACADEMIC EXPERIENCE

Postdoctoral Researcher, *Macquarie University*, 2025 - Present.

Postdoctoral Researcher, *University of Innsbruck*, 2021 - 2024.

## EDUCATION

*Doctorate of Philosophy*, Economics, *Purdue University*, 2015-2021.

*Master of Commerce with Distinction*, Economics, *University of Canterbury*, 2012-2013.

*B.Sc. (Hons.) (First Class)*, Economics, *University of Canterbury*, 2006-2010.

## RESEARCH INTERESTS

Behavioral, Experimental, and Computational Economics

## PUBLICATIONS

“Forced Experimentation: An Analysis of Multi-armed Bandits with an Inconsistent Option” (with Stanton Hudja and Braxton Gately). *Journal of Economic Behavior and Organization* (forthcoming)

“Strategies in the Multi-armed Bandit” (with Stanton Hudja), *Experimental Economics* (forthcoming).

“Exploration Versus Exploitation: A Laboratory Test of the Single-Agent Exponential Bandit Model” (with Stanton Hudja), *Economic Inquiry* (2024) 62, 1, 267-286.

“Competition and moral behavior: A meta-analysis of forty-five crowd-sourced experimental designs” (with the #ManyDesigns team), *Proceedings of the National Academy of Sciences* (2023), 120, 23, e2215572120.

“Network Defense and Behavioral Biases: An Experimental Study” (with Mustafa Abdallah, Saurabh Bagchi, Shreyas Sundaram, and Timothy Cason). *Experimental Economics* (2022), 25, 254-286.

“Nice to You, Even Nicer to Me: Does Self-Serving Generosity Diminish Reciprocal Behavior?” (with Maroš Servátka), *Experimental Economics* (2019), 22, 506-529.

“Price-Setting and Attainment of Equilibrium: Posted Offers Versus An Administered Price” (with Sean Collins, Duncan James, and Maroš Servátka), *Games and Economic Behavior* (2017), 106, 277-293.

“Testing Psychological Forward Induction and the Updating of Beliefs in the Lost Wallet Game” (with Maroš Servátka), *Journal of Economic Psychology* (2016), 56, 116-125.

## RESEARCH GRANTS

Macquarie University Research Fellowship, Macquarie University, 2025. (50,000 AUD)

Early Stage Funding Grant, University of Innsbruck, 2023. (8,700 Euros)

Expense Support Grant, Institute for Humane Studies, 2023. (3,000 USD)

IFREE Small Grants Program, The International Foundation for Research in Experimental Economics, 2019. (7,200 USD)

Doctoral Research Funds Grant, Krannert School of Management, 2019. (2,700 USD)

## TEACHING

Instructor, Purdue University: Game Theory (2017). (received Krannert Certificate for Distinguished Teaching)

Teaching Assistant, Purdue University: Principles of Microeconomics (2015), Intermediate Macroeconomics (2017), Game Theory (2018).

Teaching Assistant, University of Canterbury: Introduction to Microeconomics (2010), Introduction to Macroeconomics (2010), Game Theory (2012, 2013).

## HONORS & AWARDS

Purdue University: Ross Fellowship, 2015, PGSG Professional Grant, 2017, Krannert Certificate for Distinguished Teaching, 2017, Bilsland Dissertation Fellowship, 2018.

University of Canterbury: University Prizes, 2014, UC Master's Scholarship, 2011, Summer Research Scholarship, 2009 and 2011, Economics Department Book Prize, 2008, Madam Tiong Guok Hua Memorial Prize in Economics, 2007.

## CONFERENCES & SEMINARS

Presented *Ethical Bandits: An Experimental Study on the Multi-armed Bandit with an Externality* at the North American Meeting of the ESA 2025.

Presented *Personality Testing and the Public Goods Game* at the European Meeting of the ESA 2024.

Presented *A Practical Guide to Power and Pre-registration* at the University of Economics in Bratislava, 2023.

Presented *Strategies in the Multi-Armed Bandit* at the European Meeting of the ESA 2022.

Presented *Behavioral Bandits: Analyzing the Exploration Versus Exploitation Trade-off in the Lab* in the ESA Job-market Candidates Seminar Series 2020.

Presented *Using QRE Simulations for Power Analysis* at the ESA Global Meeting 2020.

Presented *Competition in Information: An Experimental Test of Bayesian Persuasion in Search Markets* at the SEA Annual Meetings 2018, ANZWEE 2018, and the ESA World Meeting 2019.

Presented *Does Self-serving Generosity Diminish Reciprocal Behaviour?* at the Bratislava Economic Meeting 2014, the Asia-Pacific Meeting of the ESA 2014, and the 54th NZAE Annual Conference 2013.

Presented *Testing Psychological Forward Induction in the Lost Wallet Game* at the 53rd NZAE Annual Conference 2012.