

# **AGNIESZKA TYMULA**

School of Economics  
Room 601, Social Sciences Building (A02)  
The University of Sydney  
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## **CURRENT POSITIONS**

- 2020 - Professor  
School of Economics, University of Sydney
- 2023 - Director of the University of Sydney node  
Australian Research Council Centre of Excellence for Children and Families over the Life Course
- 2022 - Chief Investigator  
ICRG Centre of Excellence in Research on Gambling
- 2022 - Editorial Board  
Experimental Economics
- 2020 - Chief Investigator  
Australian Research Council Centre of Excellence for Children and Families over the Life Course
- 2020 - Director  
University of Sydney Experimental Economics Laboratory
- 2019 - Co-founder  
Technology Addiction Team, Brain and Mind Centre, University of Sydney
- 2014 - Visiting Affiliated Faculty  
Institute for the Study of Decision Making, New York University

## **PREVIOUS POSITIONS**

- 2021 - 2024 President of the Society for Neuroeconomics
- 2023 – 2024 Management Committee, Sydney Social Sciences and Humanities Advanced Research Centre
- 2021 - 2023 Deputy Director of People Research Program, ARC Centre of Excellence for Children and Families over the Life Course
- 2020 - 2023 Elected Executive Committee Member, Economic Science Association
- 2019 - 2021 Elected Board Member, Society for Neuroeconomics
- 2017 - 2019 Associate Professor, School of Economics, University of Sydney
- 2019 Visiting Associate Professor (invited sabbatical), New York University, Abu Dhabi
- 2014 - 2019 Fellow at the ARC Centre of Excellence for Children and Families over the Life Course
- 2016 - 2017 Senior Lecturer, School of Economics, University of Sydney
- 2015 - 2017 Discovery Early Career Research Award Fellow, University of Sydney
- 2013 - 2015 Lecturer, School of Economics, University of Sydney
- 2010 - 2013 AXA Post-Doctoral Fellow, Center for Neuroeconomics, New York University
- 2006 - 2008 Visiting Research Fellow, Economics Department, Northwestern University

## **EDUCATION**

- 2003 – 2009 Ph.D. in Economics, Bocconi University
- 2003 - 2004 M.A. in Economics, Bocconi University

## **RESEARCH INTERESTS**

Neuroeconomics, Experimental Economics, Behavioral Economics, Microeconomic Theory

**KEYNOTE/PLENARY TALKS**

- Nov. 2024 9th International Conference on Neuroeconomics and Neuromanagement, Zhejiang University, Hangzhou, China.
- Sept. 2023 International Symposium for Wellbeing and Agency – Integration of Brain Science and Social Science, Kyoto University
- Oct. 2023 Neuroeconomics Symposium, Tsukuba University
- July 2023 Behavioural Game Theory workshop (plenary), University of East Anglia
- Jun. 2023 Annual Meeting of the Society for Experimental Finance, Sofia, Bulgaria
- Nov. 2022 Annual conference on Neuroaccounting and Neuromanagement , Beijing Normal Univeristy and the University of Xiamen
- Jun. 2021 Düsseldorf Decision Making Symposium, Düsseldorf, Germany
- Nov. 2018 Australia New Zealand Workshop in Experimental Economics, Auckland, New Zealand
- Sep. 2018 13th Nordic Conference in Behavioral and Experimental Economics, Odense, Denmark
- Apr. 2018 Virginia Tech University Public Lecture at the Workshop on Advances in Decision Theory
- Feb. 2018 Asia-Pacific Economic Science Association Meetings, Brisbane, Australia
- Feb. 2018 Society for Experimental Finance Meeting, Brisbane, Australia
- Sep. 2017 European Economic Science Association Annual Meeting, Vienna, Austria

**PUBLISHED PAPERS**

- Rosato A. and Tymula A. (2024) A novel experimental test of truthful bidding in second-price auctions with real objects, *Journal of Behavioral and Experimental Economics*, 111
- Kettlewell N. and Tymula A. (2024) Heritability across different domains of trust, *Journal of Economic Behavior and Organization*, 219: 549-563
- Pastore C., Schurer S., Tymula A., Fuller N, Caterson I. (2023) Economic Preferences and Obesity: Evidence from a Clinical Lab-in-Field Experiment, *Health Economics*
- Kurtz-David, V., Alladi, V., Bucher, S., Brandenburger, A., Louie, K., Glimcher, P., & Tymula, A. (2023). Choosers Adapt Value Coding to the Environment, But Do Not Attain Efficiency. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 45
- Tymula A., Wang X., Imaizumi Y., Kawai T., Kunimatsu J., Matsumoto M. and Yamada H. (2023) Dynamic prospect theory – two core decision theories coexist in the gambling behavior of monkeys and humans, *Science Advances*, 9(20)
- Glimcher P. W. and Tymula A. (2023) Expected Subjective Value Theory (ESVT): A representation of decision under risk and certainty, *Journal of Economic Behavior and Organization*
- Kettlewell N., Rijdsdijk F., Siribaddana S., Sumathipala A., Tymula A., Zavos H., Glozier N. (2023) The impact of war and tsunami on risk aversion: Evidence from Sri Lankan twins, *Applied Economics*
- Imaizumi Y., Tymula A., Tsubo Y., Matsumoto M., and Yamada H. (2022) A neuronal prospect theory model in the brain reward circuitry, *Nature Communications*, 13
- Berger A. and Tymula A. (2022) Controlling ambiguity: The illusion of control in decision-making under risk and ambiguity, forthcoming at *Journal of Risk and Uncertainty*, 65(2)
- Cheung S. L., Tymula A., Wang X. (2022) Present Bias for Monetary and Dietary Rewards: Evidence from Chinese Teenagers. *Experimental Economics*, 25: 1202-1233

- Kettlewell N. and Tymula A. (2021) The Australian Twins Economic Preferences Survey. ***Twin Research and Human Genetics***, 24(6):365-370
- Guo and Tymula. 2021. Waterfall illusion in risky choice, ***European Economic Review***, 139
- Heger, Slonim, Taush and Tymula A. 2021. Altruism among Consumers as Donors. ***Journal of Economic Behavior and Organization***, 189: 611-622
- Tymula and Wang. 2021. Increased risk-taking, not loss tolerance, drives adolescents' propensity to gamble more under peer observation. ***Journal of Economic Behaviour and Organization***, 188:439-457
- Gainsbury, Black, Blaszczynski, Callaghan, Clancey, Starcevic and Tymula. 2020. Reducing Internet gambling harms using behavioural science: A stakeholder framework, ***Frontiers in Psychiatry***
- Weinrabe, Chung, Tymula, Tranand, Hickie. 2020. Economic Rationality in Young People Emerging Mood Disorder, ***Journal of Neuroscience, Economics, and Psychology*** 13(3), 164–177
- Tymula. 2019. Adolescents are more impatient and inconsistent, not more risk-taking, when observed by peers – a comprehensive study of adolescent behavior under peer observation. ***Journal of Economic Behavior and Organization*** 166:735-750
- Rosato and Tymula. 2019. Loss Aversion and Competition in Vickrey Auctions: Money Ain't No Good. ***Games and Economic Behavior*** 115: 188-208
- Chung, Glimcher and Tymula. 2019. An Experimental Comparison of Risky and Riskless Choice – Limitations of Prospect Theory and Expected Utility Theory. ***American Economic Journal: Micro*** 11(3):34-67
- Tymula and Whitehair. 2018. Young adults gamble less when observed by peers. ***Journal of Economic Psychology***, 68:1-15
- Yamada, Louie, Tymula and Glimcher. 2018. Free choice shapes normalized value signals in medial orbitofrontal cortex. ***Nature Communications*** 9(1):162
- Chung, Tymula and Glimcher. 2017. The reduction in ventrolateral prefrontal cortex grey matter volume correlates with loss of economic rationality in aging. ***Journal of Neuroscience***, 37(49), 12068-12077
- Glimcher and Tymula. 2017. Let the Sunshine in? The effects of Luminance on Economic Preferences and Rationality. ***PLoS ONE***, 12(8): e0181112
- Tymula. 2017. Competitive Screening of Heterogeneous Labor Force and Corporate Teamwork Attitude. ***Journal of Institutional and Theoretical Economics***, 173(3), 523-547
- Grubb, Tymula, Gilaie-Dotan, Glimcher and Levy. 2016. Neuroanatomy accounts for age-related changes in risk preferences. ***Nature Communications***, 7
- Tymula and Plassmann. 2016. Context-dependency in valuation. ***Current Opinion in Neurobiology*** 40: 59-65
- Tymula, Woelbert and Glimcher. 2016. Flexible Valuations for Consumer Goods as Measured by the Becker-DeGroot-Marschak Mechanism. ***Journal of Neuroscience, Psychology, and Economics*** 9(2): 65-77.
- Gilaie-Dotan<sup>+</sup>, Tymula<sup>+</sup>, Cooper, Kable, Glimcher and Levy. 2014. Neuroanatomy predicts individual risk attitudes. ***Journal of Neuroscience***, 34(37) (featured article)

Tymula, Rosenberg Belmaker, Ruderman, Glimcher and Levy. 2013. Like Cognitive Function, Decision-Making Across the Lifespan Shows Profound Age-Related Changes. *Proceedings of the National Academy of Sciences* 110(42)

Yamada<sup>+</sup>, Tymula<sup>+</sup>, Louie and Glimcher. 2013. Thirst-dependent Risk Preferences in Monkeys Identify a Primitive Form of Wealth. *Proceedings of the National Academy of Sciences*, 110(39)

Großer, Reuben and Tymula. 2013. Political Quid Pro Quo Agreements: An Experimental Study. *American Journal of Political Science* 57(3):582-597

Tymula<sup>+</sup>, Rosenberg Belmaker<sup>+</sup>, Roy, Ruderman, Manson, Glimcher and Levy. 2012. Adolescents' Risk-Taking Behavior is Driven by Tolerance to Ambiguity. *Proceedings of the National Academy of Sciences* 109(42): 17135-17140

Levy, Rosenberg-Belmaker, Manson, Tymula and Glimcher. 2012. Measuring the Subjective Value of Risky and Ambiguous Options Using Experimental Economics and Functional MRI Methods. *Journal of Visualized Experiments* 67

Kuhnen and Tymula. 2012. Feedback, Self-Esteem and Performance in Organizations. *Management Science*, 58(1):94-113

#### **PUBLISHED BOOK CHAPTERS**

Tymula. 2019. Brain Morphometry for Economists: How do Brain Volume Constraints Affect Our Choices? in *Biophysical Measurement in Experimental Social Science Research*, Foster (Eds.), **ELSEVIER**

Tymula and Glimcher. 2018. How are emotions integrated into choice? In Davidson, Shackman, Fox, and Lapate (Eds.) *The Nature of Emotion*, 2nd Edition. **Oxford University Press**

Tymula. 2017. Tolerance for Ambiguity. In Moghaddam F.M. (Ed.) *The SAGE Encyclopedia of Political Behavior*, **SAGE** Publications, Thousand Oaks CA

#### **GRANTS**

Total research funding to date: A\$4.3M (A\$34.6M including ARC Centre of Excellence)

##### *Australian Research Council*

2024-2026 Discovery Project Grant (lead CI), \$328,879, <16% success rate

2020-2026 Centre of Excellence (CI), \$32,137,007, <10% success rate

2019-2021 Discovery Project Grant (lead CI), \$378,000, 18% success rate

2016-2019 Linkage grant, (CI) \$293,000, partner: Sydney Opera House

2015-2017 Discovery Early Career Researcher Award, \$378,000; 14% success rate

##### *Other sources*

2024 University of Sydney, DVCR Research Impact Proof of Concept Fund, "Enhancing safer gambling – a digital resource to minimize gambling harms", \$80,000

2024 University of Sydney workshop fund, "Neuroeconomics of disadvantage", \$14,044

2024-2026 International Centre for Responsible Gambling Centre of Excellence, US\$400,000

2022 ARC Lifecourse Centre of Excellence Agile funding Grant, \$100,000

2020 ARC Lifecourse Centre of Excellence Project Grant (lead CI), \$5,000

2020 ARC Lifecourse Centre of Excellence Project Grant (CI), \$26,445

2018 University of Sydney Faculty Research Support Scheme, \$8,000

2018 University of Sydney Bridging Support Grant, \$30,000

2016 University of Sydney Faculty Research Support Scheme, \$21,827.95

2015 ARC Lifecourse Centre of Excellence Capacity Building Grant, \$30,000

2014 Faculty Incubator Grant, University of Sydney, \$4,900

2012-2013 AXA Insurance Group Post-Doctoral Fellowship, EUR 120,000 (7% success rate)

2007-2008 Dissertation Completion Grant, Bocconi University

2006 Russell Sage Summer Institute in Behavioral Economics Grant, Trento, Italy

2004-2006 Ph.D. Fellowship, Bocconi University

2003-2004 Fondazione Invernizzi scholarship, Bocconi University

2001 Erasmus/Socrates scholarship, Copenhagen Business School, Denmark

1998-2003 University of Gdansk scholarship granted each year for academic excellence

## AWARDS

2021 Student nomination for Excellence in Teaching

2020 Student Commendation for Seamless Transition to Online Teaching

2019 Supervisor of the Year, University of Sydney

2017 Society for Neuroeconomics Early Career Award for Contributions to Understanding Decision-Making (US\$ 1,000)

2014 Deans Citation for Outstanding Student Feedback for Teaching, University of Sydney (shared with Prof. Romalis and Dr. Wait)

2014 Science of Philanthropy Initiative Partnership Award with the Sydney Opera House, from the University of Chicago and Templeton Foundation (US\$500)

## OTHER RESEARCH-RELATED OUTPUT

Museum of the National Academy of Sciences, Washington DC (April 2012 – September 2018)

- designed and supervised implementation of an interactive exhibit on Decision-making under Risk (part of the Life Lab: Aging exhibit)

Tymula and Wang. 2021. The years of living dangerously: can adolescents be encouraged away from risky behaviour? *Sydney Business Insights*.

Tymula. 2016. Financial gamble? My brain made me do it. *The Conversation*.

The money or the box. 2016. A story on neuroeconomics for *Sydney Alumni Magazine Heritage*, July 2016, p. 8-9

Tymula and Glimcher. 2015. Are Adolescents Really Risk-Takers? Most Adults Say YES, but the Science is Starting to Say NO. *Frontiers for Young Minds*, 3:3, doi: 10.3389/frym.2015.00003

- featured on Scientific American Blog Network
- written for the Young Minds of the 2014 USA Science and Engineering Festival

Review of *After Phrenology: Neural Reuse and the Interactive Brain*, Michael L. Anderson. The MIT Press, Cambridge, MA, USA (2014) in *Journal of Economic Psychology*, Volume 51, December 2015, p. 279–280

Tymula. 2014. Explainer: neuroeconomics, where science and economics meet. *The Conversation*.

## INVITATION-ONLY WORKSHOP PRESENTATIONS

2024 Computational Complexity of Decision-Making Workshop, University of Melbourne, Australia

2023 UNSW-UQ Economic Theory Festival: Bounded Rationality, Information and Markets, Australia

2022 Gender, Norms, and Economics workshop, University of Melbourne, Australia

2022 Biology and Economics workshop, Simon Fraser University, Vancouver, Canada

2020 Biology and Economics workshop, Simon Fraser University, Vancouver, Canada - cancelled

2019 Experiments with Children and Non-Standard Subjects at North America ESA Meetings, Los Angeles

- 2018 Inaugural Behavioural Lab Conference, University of Technology Sydney
- 2018 Sloan Nomis Workshop on the Cognitive Foundations of Economic Behavior, Switzerland
- 2018 Workshop on Stochastic Choice at the Barcelona GSE Summer Forum
- 2018 Biology and Economics workshop, Simon Fraser University, Vancouver, Canada
- 2018 Virginia Tech Workshop on Advances in Decision Theory, US
- 2018 Workshop on Neuroeconomics, Queensland University of Technology, Brisbane, Australia
- 2018 Tutorial on Neuroeconomics at the Society for Experimental Finance Meeting, Brisbane
- 2016 BizLab Workshop on New Frontiers in Behavioral Research, UNSW, Sydney, Australia
- 2016 NYU Global Network Experimental Social Sciences Workshop, Abu Dhabi
- 2015 The Biological Basis of Preferences and Strategic Behavior, Vancouver, Canada
- 2014 14<sup>th</sup> Kavli Futures Symposium Neuroeconomics in China and Asia: Building Interest and Capacity at NYU Shanghai, China (panel leader)
- 2013 11<sup>th</sup> Kavli Futures Symposium on Neuroeconomics and Urban Big Data, NY (panelist)

### INVITED SEMINARS

- 2024 Bonn-Melbourne Joint Seminar Series in Decision Making
- 2023 University of Zurich
- 2022 Inaugural Seminar for the Women in Experimental Finance network, University of Melbourne (Brain, Mind, and Markets), University of Melbourne (Economics), University of Queensland, Royal Melbourne Institute of Technology
- 2021 INSEAD, University of Melbourne, Max Planck Institute
- 2020 Deakin University Intellectual Leaders Seminar; Monash Business School Centre for Health Economics, ANZWEE seminar series
- 2019 Ohio State University; Neuroeconomics Colloquium, New York University, New York; Daren School of Business, University of Virginia
- 2018 New York University, Abu Dhabi, UAE; Australian National University, Canberra
- 2017 Behavioural Insights Unit, NSW Government, Sydney, Australia; Monash University (Biomedicine Discovery Institute Seminar Series); University of Southern California, US; Caltech, US; Virginia Tech, US
- 2016 Toulouse University, France; Maastricht University, Netherlands; University of Zurich, Switzerland; Melbourne University, Melbourne, Australia; Neuroeconomics Colloquium, New York University, Shanghai
- 2015 Monash University, Melbourne, Australia; University of Sydney (Psychology Colloquium), Australia
- 2014 Queensland University of Technology, Brisbane, Australia; University of Melbourne, Melbourne, Australia
- 2013 Sackler Institute, Cornell University, New York, NY; Toulouse School of Economics, France; University of Amsterdam, Netherlands; Sciences Po, France; University of Bonn, Germany; Kellogg School of Management at Northwestern University, US; Krannert School of Management at Purdue University, US; University of New South Wales, Australia; University of Sydney, Australia;
- 2012 University of Cologne, Germany; George Mason University, VA, US; John Dickhaut Memorial Conference, Chapman University, CA, US
- 2010 LUISS Guido Carli University, Rome, Italy; New York University, NY, US
- 2009 University of California, Berkeley, CA

### CONFERENCE PRESENTATIONS

- 2024 Society for Neuroeconomics Annual Meeting, Cascais, Portugal; 9<sup>th</sup> Behavioral Experiments in Health Network Workshop, Hamburg, Germany; Nordic Conference in Behavioral and Experimental Economics,

- Copenhagen, Denmark; ANZWEE, Canberra, Australia; Foundations of Utility and Risk, Brisbane, Australia; Asia-Pacific Economic Science Association Annual Meeting, Singapore
- 2023 Australasian Neuroscience Society, Brisbane, Australia; IMEBSS, Lisbon, Portugal; Annual Meeting of the Society for Neuroeconomics, Vancouver, Canada
- 2022 Economic Science Association International Meetings, Boston MA; Annual Meeting of the Society for Neuroeconomics, Crystal City, Virginia; Australia New Zealand Workshop in Experimental Economics, Sydney, Australia
- 2021 International Economic Science Association Meeting, Zoom; Society for Neuroeconomics Annual Meeting, Zoom
- 2020 International Economic Science Association Meeting, Zoom; Society for Neuroeconomics Annual Meeting, Zoom
- 2019 Society for Neuroeconomics Annual Meeting, Dublin, Ireland; Economic Science Association Meeting, Loss Angeles, US
- 2018 Society for Longitudinal and Life Course Studies Symposium invited session on “Health and wellbeing across the life course”, Milan, Italy; Economic Science Association World Meeting in Berlin; Foundations of Utility and Risk at University of York; Asia Pacific Economic Science Association Meeting, Brisbane
- 2017 Society for Neuroeconomics Annual Meeting, Toronto, Canada; SABE conference, Newcastle
- 2016 International Economic Science Association Meeting, Bergen, Norway; Annual Meeting of the Society for Neuroeconomics, Berlin, Germany; EEA-ESEM Meeting, Geneva, Switzerland: The Australasian Meeting of the Econometric Society, Sydney, Australia; Foundations of Utility and Risk, Warwick, UK; Economics and Biology of Contests Conference, QUT Brisbane, Australia; 7th Workshop on the Economics of Health and Wellbeing, Hepburn Springs, Victoria
- 2015 Australia-New Zealand Workshop on Experimental Economics, Hobart, Australia; North America Economic Science Association Meeting, Dallas, TX; Annual Conference on Neuroeconomics: Decision Making and the Brain, Miami, FL; 6<sup>th</sup> Workshop on the Economics of Health and Wellbeing, Yarra Glen, Australia
- 2014 Annual Conference on Neuroeconomics: Decision Making and the Brain, Miami, FL; Foundations of Utility and Risk, Rotterdam, Netherlands; Asia-Pacific ESA Conference, Auckland, New Zealand
- 2013 Annual Conference on Neuroeconomics: Decision Making and the Brain, Lausanne, Switzerland; The Sixth Annual NYU-CESS Experimental Political Science, New York, NY
- 2012 North-American ESA Conference, Tucson, AZ; Society for Neuroscience Annual Meeting, New Orleans, LA; Annual Conference on Neuroeconomics: Decision Making and the Brain, Miami, FL; Academy of Behavioral Finance & Economics, New York, NY; Foundations and Applications of Utility, Risk and Decision Theory Meeting, Atlanta, GA; International ESA Meeting, New York, NY
- 2011 AWI Workshop on “Behavioral Economics and Life-span Changes in Decision Making”; 2011 North-American ESA Conference, Tucson, AZ; Annual Conference on Neuroeconomics: Decision Making and the Brain, Evanston, IL; International ESA Meeting, Chicago, IL
- 2008 NBER Behavioral Finance Meeting, Boston, MA; ASSET Annual Meeting, European University Institute, Florence, Italy; International ESA Conference, Caltech, Pasadena, CA; La Pietra-Mondragone Workshop, Florence, Italy; ESA European Meeting, Lyon, France

### **NON-ACADEMIC PUBLIC TALKS, PANELS, AND SPEECHES**

- 2020 Sydney Ideas Covid19 Fear and Anxiety Podcast
- 2019 University of Sydney Alumni Welcome to the new Social Sciences Building
- 2017 Outside the Square, Sydney, NSW
- title: Why so sad? How to be happy: metrics of happiness and depression

- panel and Q&A discussion in Chippendale's Creative Precinct organized by the Dean of FASS for U of Sydney graduates

2016 Raising the Bar, Sydney, NSW

- title: The science behind Cheat Days
- 20 academics in 20 bars deliver 20 thought-provoking talks

2016 Career days at Sydney Girls High School, Sydney NSW

2015 Young Investors Club, Sydney, NSW

2015 Raising the Bar, Sydney, NSW

- title: Speeding Teens and Gambling Grannies: the Surprising Reasons We Take Risks
- 20 academics in 20 bars deliver 20 thought-provoking talks

### TEACHING IN THE CORE CURRICULUM

2021-2024 Behavioural Economics, masters, University of Sydney

2018-2020 Economics for Business Decision Making, undergraduate, University of Sydney

2016-2018 Economics Research Dissertation, undergraduate honours and master students

2015 Bodies, Brains and Minds in Connection: Neuroeconomics, graduate, University of Sydney (guest lecturer)

2013-2014 Economics for Business Decision Making, undergraduate, University of Sydney

2007 Advanced game theory, graduate, Bocconi University

2005-2006 Microeconomics, undergraduate, Bocconi University

### TEACHING AT SUMMER SCHOOLS

2023 International Summer Institute for Neuroeconomics, University of Pennsylvania, USA (co-director)

- Lectures on Axiomatic Foundations of Economics
- Lectures on Biological and Economic Foundations of Context Effects

2023 Society for Experimental Finance Summer School, Sofia, Bulgaria

2019 International Summer Institute for Neuroeconomics, NYU Shanghai, China (co-director)

- Lectures on Axiomatic Foundations of Economics
- Lectures on Biological and Economic Foundations of Context Effects

2018 Decision-Making under Risk and Uncertainty Workshop, Neuroscience School of Advanced Studies in Venice, Italy

- Lectures on Neuroeconomics of Ageing
- Lectures on Biological and Economic Foundations of Context Effects

2017 International Summer Institute for Neuroeconomics, NYU Shanghai, China (co-director)

- Lectures on Axiomatic Foundations of Economics
- Lectures on Biological and Economic Foundations of Context Effects

2015 NYU-Duke Neuroeconomics Summer Institute, NYU Shanghai, China

- Lectures on Axiomatic Foundations of Economics

### SUPERVISION

*Postdoctoral*

Nanyin Yang (2024 - )

Hyundam Je (2023 - )

Jonathan Levy (2022 - )

Xueting Wang, University of Sydney (completed: 2021)

Vinyak Alladi, University of Sydney (completed: 2022)

Franziska Tausch, University of Sydney (2017-2019)



*PhD*

Jerome Sidney Campos, University of Sydney (Economics, in progress)

Alexander Svenson, University of Sydney (Economics, in progress)

Xueting Wang, University of Sydney (Economics, completed: 2021)

Hui-Kuan Chung, New York University (Psychology, completed: 2018)

*Master*

Qian Mai, University of Sydney (Master in Economic Analysis)

Ange Weinrabe, University of Sydney (graduate, Brain and Mind Institute, completed: 2019)

Julie Guo, University of Sydney (Master in Economic Analysis, completed: 2018)

Xueting Wang, University of Sydney (Master in Economic Analysis, completed: 2017)

Chiara Pastore, University of York (visiting student, Economics, completed: 2016)

*Undergraduate honours*

Oliva Ru (2023)

Arquette Milin Byrne (2023)

Emily Shaw (2022)

Alex Berger (2021)

Lucas Philips (2021)

Jacob Patrick Dooley (2021)

Zhenlin Kang (2020)

Mahdi Akbari (2020)

Chi Kit Wong (2019)

Tim Robinson (2018)

Robert Avery (2017)

Jackson Whitehair (2014)

*Other*

Lexin Liang (Dalyell scholar, Psychology and Neuroscience, 2021)

Mentor in the Summer Undergraduate Research Program at New York University in 2011 and in 2012

**INSTITUTIONAL SERVICE**

2024 University of Sydney Central Promotions Committee, Level D (Associate Professor)

2023 University of Sydney Central Promotions Committee, Level D (Associate Professor)

2022- SSSHARC Management Committee, University of Sydney

2022 University of Sydney Promotions Committee Level E (Professor)

2021 University of Sydney Promotions Committee Level D (Associate Professor)

2021 Economic Science Association Outreach Committee

2021 Deputy Director of People Research Program at the ARC Lifecourse Centre of Excellence

2021 ARC Lifecourse Centre of Excellence Research Committee

2020 Director of the University of Sydney Experimental Economics Laboratory

2019 Speaker at the VIP Alumni Event, University of Sydney

2014-2018 Advisory Committee for the design of the Experimental Laboratory for the new FASS building

2017 Acting Head of School (May-June), School of Economics, University of Sydney

2017 Recruitment Committee for the Early Career Development Fellowship

2017 Delegate at the Sydney Policy Lab Launch

2017 Leadership Team for the Launch of The Sydney Policy Lab

2014-2016 Project User Advisory Group for the new FASS building (Research and Academics)

2014-2016 Coordinator of the U of Sydney-UNSW-UTS Experimental Economics Brownbag Seminar

2015 Advisory Board Member for the transition of the Brain and Mind Research Institute to Strategic Priority Area for Research Collaboration (SPARC) (the only representative from FASS, 42 representatives from 8 faculties)

2015 Brain and Mind Research Institute SPARC Funding Assessment Panel (allocated ~\$500,000 to multidisciplinary projects at the University of Sydney)

2015 Information Session on Opportunities in Dementia Research (speaker)

2015 Consulted for Maud Design Agency on the new brand and visual image of the University of Sydney (as an expert in behavioural economics)

2015 Level E Academic Titles Committee (appointed Prof. Cawley from Cornell University as a Visiting Professor)

2015 Junior Recruitment Interview Panel Member

2014 Dean's reception event for VIP Alumni (speaker)

## CONFERENCE ORGANIZATION

### *Conferences organized or co-organized*

- 2024 Neuroeconomics of disadvantage, University of Sydney (with Juliana Silva Goncalves)
- 2022 Australia New Zealand Workshop in Experimental Economics (Stephen Cheung – main organizer)
  - Keynotes: Prof. Lata Gangadharan (Monash), Prof. Ben Newell (UNSW), Prof. Gana Pogrebna (USyd), Prof. Daniel Zizzo (UQ)
- 2021 Foundations of Utility and Risk, University of Technology Sydney, Australia – cancelled due to COVID
  - keynotes: Silver Prof. Paul Glimcher (NYU), Prof. Muriel Niederle (Stanford), Distinguished Prof. John Quah (National University of Singapore), A. Douglas Melamed Prof. Larry Samuelson (Yale), Uwe E. Renhardt Prof. Leeat Yariv (Princeton)
- 2019 Sydney Workshop on Experimental Economics and Theory, University of Sydney, Australia
  - keynotes: Prof. Andy Schotter (NYU), Prof. Bettina Klaus (University of Lausanne), Prof. Peter Moffatt (U of East Anglia)
- 2018 Behavioural and Experimental Economics and Finance Workshop, University of Sydney
  - keynotes: Prof. Mohammed Abdellaoui (HEC Paris), Prof. Peter Bossaerts (U of Melbourne), Sarah and John Lindsey Prof. Catherine Eckel (Texas A&M), A/Prof. Keith Ericson (Boston University)
- 2018 Workshop on the Experiments and Behavioral Interventions in Schools, University of Sydney
  - keynotes: Prof. Simon Burgess (U of Bristol) and Prof. Martin Kocher (U of Vienna)
  - attended by academics and delegates from the NSW Department of Education
- 2017 Foundations and Applied Research Workshop, University of Sydney
  - keynotes: A/Prof. Giorgio Coricelli (University of Southern California), Epstein/Atkinson Endowed Prof. Uri Gneezy (University of California in San Diego), and Prof. Graham Loomes (U of Warwick)

### *Program Committee*

- 2024 Foundations of Utility and Risk, Brisbane, Australia
- 2019 European Economic Association Meeting, Manchester, UK
- 2018 Asia Pacific Economic Science Association Meeting, Brisbane, Australia
- 2017 Society for Neuroeconomics Annual Meeting, Toronto, Canada
- 2017 Society of the Advancement of Behavioral Economics Conference, Newcastle, Australia
- 2016 Society for Neuroeconomics Annual Meeting, Berlin, Germany

## OTHER SERVICE

- 2023 Co-director of the International Summer Institute for Neuroeconomics at UPenn
  - with co-directors: Professors Daw (Princeton), Glimcher (NYU), Kable (UPenn), Plassmann (INSEAD)
- 2020 Society for Neuroeconomics Crisis Task Force Member
- 2020 Society for Neuroeconomics Awards Committee Chair

- 2019 Society for Neuroeconomics Early Career Award Committee Chair
- 2019 Co-director of the International Summer Institute for Neuroeconomics
- with co-directors: Prof. Daw (Princeton), Silver Prof. Glimcher (NYU), Baird Term A/Prof. Kable (U of Pennsylvania), A/Prof. Plassmann (INSEAD)
- 2018 Society for Neuroeconomics Early Career Award Committee Member
- 2017 Co-director of the International Summer Institute for Neuroeconomics
- with co-directors: Prof. Daw (NYU), Silver Prof. Glimcher (NYU), A/Prof. Plassmann (INSEAD)
- 2016 Society for Neuroeconomics Best Poster and Talk Award Committee Member
- 2015 Co-director of the NYU-Duke Neuroeconomics Summer Institute
- with co-directors: Prof. Daw (NYU), Prof. Glimcher (NYU), A/Prof. Hayden (U of Rochester), A/Prof. Plassmann (INSEAD), Prof. Platt (Duke University), Prof. Wang (NYU)

## REFEREEING

### *Journals:*

Econometrica, American Economic Review, Journal of Public Economics, Games and Economic Behavior, Management Science, Cognition, Experimental Economics, Journal of Economic Behavior and Organization, Scandinavian Journal of Economics, Quantitative Economics, Labour Economics, Journal of Economic Science Association, Economic Enquiry, Journal of Neuroscience, Psychology and Economics, Scientific Reports, Social Cognitive and Affective Neuroscience, Frontiers in Decision Neuroscience, Frontiers in Psychology, Journal of Experimental Criminology, Economic Record, Journal of Experimental Child Psychology

### *Grants:*

National Science Foundation (US), Swiss National Science Foundation, Australian Research Council, Lyon University, Alfred P. Sloan Foundation

## PROFESSIONAL AFFILIATIONS

Society for Neuroeconomics (President), Economic Science Association

## SELECTED MEDIA COVERAGE

**2021** My paper “Increased risk-taking, not loss tolerance, drives adolescents’ propensity to gamble more under peer observation” was covered in the Australian Financial Review

**2019** Consulted for ABC TV Science show Catalyst on the Psychology of Risk

**2017** I gave live interview for ABC radio breakfast about my PLoS ONE publication “Let the Sunshine in? The effects of Luminance on Economic Preferences and Rationality”. This paper was also covered by / I gave interviews for ABC AM, ABC Radio Perth, Business Insider, Yahoo News, Mic, MSN UK.

**2016** I gave live interview for BBC World Newsday about my publication “Neuroanatomy accounts for age-related changes in risk preferences”. This paper was also covered by / I gave interviews for ABC Radio National, Huffington Post, Guardian UK, Business Insider, Science Daily, Health Canal, and Daily Mail.

**2015** I talked about my work on decision-making across the lifespan for the ABC’s RN Drive “It is All Academic” radio show.

My work on ambiguity tolerance across the lifespan was covered in: Fast Company, The Scientist, City A.M.

**2014** My paper “Neuroanatomy predicts risk attitudes” was covered in Wall Street Journal, Economic Times, Science Daily, Daily Digest News, Medical Research, Medical Express, Headlines and Global News, Health Canal.

The Conversation: article “Explainer: neuroeconomics, where science and economics meet”

**2013** My paper "Like cognitive function, decision making across the life span shows profound age-related changes" was covered in ABC Science Online, Business Insider, Health Canal, South China Morning Post, Time, myScience, Medical Research News, Medical Daily, Healthline News, Financial Standard, Spiegel, Le Figaro.

My paper "Thirst-dependent risk preferences in monkeys identify a primitive form of wealth" was covered in ABC Science Online, Businessweek, Daily Mail, Yahoo! Finance, The Atlantic, Psych.org, Salon.

**2012** My paper "Adolescents' Risk Taking Behavior is Driven by Tolerance to Ambiguity" was covered in Time, LA Times, US News, NBC News, CNN, The Boston Globe, Portland Press Herald, ScienceDaily, HealthDay, WomensHealth.gov, NewsDay, LiveScience, Yahoo! News, UK BBC The Naked Scientist radio show, Radio 720 WGN The Voice of Chicago and included in Maintaining Safe Schools, a monthly publication sent to K-12 school administrators nationwide in an effort to ensure a safe learning environment in US schools.

My paper "Measuring the Subjective Value of Risky and Ambiguous Options Using Experimental Economics and Functional MRI Methods" was covered in ScienceDaily, ScienceNewsline and Medical News Today.