DON ROSS

Curriculum Vitae



Current positions:

Professor, School of Society, Politics, and Ethics
University College Cork, Ireland
(since 2016)

Professor, School of Economics
University of Cape Town
(since 2001)

Program Director (Methodology)
Center for Economic Analysis of Risk
J. Mack Robinson School of Business
Georgia State University
(since 2010)

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websites:

https://don-ross.com

http://uct.academia.edu/DonRoss

National Research Foundation Rating

A1

Metrics

Number of citations: 9,943
h-index: 43
i10-index: 122

Areas of Research

Philosophy of economics; economic methodology; experimental economics of risk and time preferences, economics of animal behaviour, addictive consumption; gambling behaviour; addiction policy; transport infrastructure provision in Africa; Southern African industrial and trade policy; game theory; norms; cognitive science; philosophy of science; scientific metaphysics

Additional Teaching Areas

History of economic thought, industrial organization, general microeconomic theory, trade theory, law and economics, institutional economics; philosophy of public policy, political philosophy, history of early modern philosophy, logical positivism and early analytic philosophy, philosophy of mathematics, moral psychology.

Biographical Details

Birthplace: Winnipeg, Canada
Year of birth: 1962
Countries of citizenship or permanent residence: Canada, South Africa, New Zealand.

Education

Ph.D., University of Western Ontario, 1990.

Past Academic Appointments

Research Director, National Responsible Gambling Programme of South Africa, 2006-2010

Professor, Department of Finance, Economics and Quantitative Methods, University of Alabama at Birmingham, 2006-2010

Professor, Department of Philosophy, University of Alabama at Birmingham, 2003-2010

Director, SABITA Infrastructure Development Assessment Project, 2001-2006

Senior Lecturer, School of Economics, University of Cape Town, 1999-2000 (appointed Professor 01/01/2001)

Senior Lecturer, Department of Philosophy, University of Cape Town, 1997-1998

Associate Professor, Department of Philosophy, University of Ottawa, 1995-1997

Assistant Professor, Department of Philosophy, University of Ottawa, 1990-1995

Lecturer, Department of Philosophy, University of Western Ontario, 1986-1990

Past Invited Appointments

PPE Visiting Fellow, Department of Politics, the Australian National University, 2015

Chair of the Executive Board, International Network for Economic Methodology (INEM), 2012-2014.

Chair, Nominations Committee, Society for Neuroeconomics, 2010-2011

Member of the Executive Board, 2009-2010 Society for Neuroeconomics

Meaker Research Fellow, Department of Philosophy, University of Bristol, UK, 2004

Annual Conference Program Chair, Canadian Philosophical Association, 1995-1996

University Administration

Head, School of Society, Politics, and Ethics, University College Cork, Ireland, 2018 - 2025

Dean, Waikato Management School, University of Waikato, New Zealand, 2015-2016

Dean, Faculty of Commerce, University of Cape Town, 2010-2015

Deputy Dean Academic, Faculty of Commerce, University of Cape Town, 2001-2003

Academic Coordinator, Faculty of Humanities, University of Cape Town, 1997-1998

Chair, Ethics in Animal Research Board, University of Ottawa, 1992-1995

Scholarly and Professional Activities

1. CURRENT EDITORIAL SERVICE

Associate Editor, *Cognitive Processing*, 2014 – present

Editorial boards:

Journal of Economic Methodology
Bioeconomics
Journal of Transport and Supply Chain Management

2. REFEREEING FOR

Addiction
Addiction Research and Theory
AI and Society
Anthropocene Review
Australasian Journal of Philosophy
Behavioral and Brain Sciences
Biological Psychiatry
Biological Theory
Biology and Philosophy
BMC Psychiatry
British Journal for the Philosophy of Science
British Journal of Psychiatry
Canadian Journal of Philosophy
Cognitive Processing
Cognitive Systems Research
Computational Brain and Behavior
Connection Science
Current Psychology
Dialogue
Eastern Economic Journal
Economics and Philosophy
Erasmus Journal of Philosophy of Economics
Erkenntnis
European Journal of Comparative Economics
European Management Review
HOPOS: Journal of the International Society for History of Philosophy of Science
Inquiry
International Journal of Environmental Research and Public Health
International Gambling Studies
Journal of the American Philosophical Association
Journal of African Finance and Economic Development
Journal of Behavioral and Experimental Economics
Journal of Development Economics

Journal of Economic and Financial Sciences
Journal of Economic Behavior and Organization
Journal of Economic Methodology
Journal of Experimental and Theoretical Artificial Intelligence
Journal of Gambling Issues
Journal of Gambling Studies
Journal for General Philosophy of Science
Journal of Institutional Economics
Journal of Medical Ethics
Journal of Medicine and Medical Sciences
Journal of Philosophical Research
Journal of Political Philosophy
Journal of Transport and Supply Chain Management
Lekton
Metaphilosophy
Minds and Machines
Neuroscience, Psychology & Economics
Neuroscience Research
Nous
Oeconomica
Philosophical Papers
Philosophical Psychology
Philosophical Studies
Philosophiques
Philosophy of Science
Philosophy of the Social Sciences
Politics, Philosophy and Economics
Rationality and Society
Review of Social Economy
Studies in the History and Philosophy of Modern Physics
South African Journal of Business Management
South African Journal of Economics
South African Journal of Philosophy
Studies in History and Philosophy of Science
Studies in the History and Philosophy of Physics
Synthese
Telecommunications Policy
Theory and Decision
Theory and Society
UNLV Gaming Research and Review
American Association for the Advancement of Science
Canada Council for the Arts
Canadian Philosophical Association
Economic Research Southern Africa
European Research Council
Fondo Nacional de Desarollo Científico y Technológico, Chile
Fonds F.C.A.R. (Québec)
Institute for Scientific Study (Lesotho)
Israel Science Foundation
National Research Foundation (South Africa)

National Science Foundation (USA)
Nova Scotia Health Research Foundation
Ontario Philosophical Society
Social Science and Humanities Research Council of Canada

3. CURRENT PROFESSIONAL ASSOCIATION MEMBERSHIPS

American Economic Association
International Network for Economic Methodology
Economic Society of Southern Africa

4. CONFERENCES ORGANIZED

1. Co-organizer of conference `Qualia and Materialism / Les qualia et le matérialisme', University of Ottawa, February 14-16, 1992.

2. Organizer of symposium, `Connectionism', held as a Joint Symposium of the Canadian Philosophical Association and the Canadian Society for the History and Philosophy of Science, Charlottetown, Prince Edward Island, May, 1992.

3. Organizer of symposium `Philosophy of Microeconomics / Philosophie de la microéconomique,' held as part of the Annual Meetings of the Canadian Philosophical Association, Carleton University, Ottawa, May 1993.

4. Programme Chair, Annual Meetings of the Canadian Philosophical Association, Montreal, Canada, 1995.

5. Programme Chair, Annual Meetings of the Canadian Philosophical Association, St. Catherine's, Canada, 1996.

6. Co-organizer of international conference, `Connectionism for Cognitive Scientists,' Carleton University, Canada, May 1996.

7. Co-organizer of international conference, `Dennett's Philosophy: A Comprehensive Assessment', Memorial University, Canada, November 1998.

8. Co-organizer of international conference, `Development Issues in the New Economy,' University of Cape Town, March 2002.

9. Organizer of symposium, `Structural Realism: Science Without Things,' at the Annual Meetings of the Canadian Philosophical Association, Halifax, Canada, May-June 2003.

10. Co-organizer of international conference, `Individual Volition and Distributed Cognition: The Second Mind and World Working Group Conference', University of Alabama at Birmingham, March 2005.

11. Co-organizer of international conference, `Issues in Philosophy of Economics', University of Alabama at Birmingham, May 2006.

12. Co-organizer of international conference, 'What is Addiction?", University of Alabama

at Birmingham, May 2007.

13. Co-organizer of conference, 'Does Naturalism Exclude Metaphysics?", University of Alabama at Birmingham, November 2009.

14. Co-organizer of workshop, 'Agency and Risk in Economics', Center for Economic Analysis of Risk, Georgia State University, January 2011.

15. Co-organizer of workshop, 'Gambling and Risk', Center for Economic Analysis of Risk, Georgia State University, April 2012.

16. Organizer of workshop, 'The Economics of Gambling', Center for Economic Analysis of Risk, Georgia State University, April 2013.

17. Organizer of workshop, 'The Economics of Gambling II', University of Cape Town, January 2014

18. Chair of Organizing Committee, 12th Conference of the International Network for Economic Methodology (INEM), Cape Town, South Africa, November 2015.

19. Organizer of workshop, 'Conditional Games and Team Reasoning', Rome, September 2016.

20. Organizer of workshop, 'Prospect Theory as a Model of Risky Choice: Descriptive and Normative Assessments 1', Cork, Ireland, October 2017.

21. Organizer of workshop, 'Sports Betting', Cork, Ireland, July 2018.

22. Organizer of workshop, 'Estimated Risk Preferences: Power and Normative Considerations,' University of Cape Town, July 2018.

23. Organizer of workshop, 'Welfare, Preferences, and Risk: Theory, Behavioural Evidence, and Policy,' London School of Economics, June 2019.

24. Co-organizer of workshop, 'Prospect Theory as a Model of Risky Choice: Descriptive and Normative Assessments 2', Cork, Ireland, October 2019.

25. Co-organizer of workshop, 'Real Patterns in Science and Cognition'. Santa Fe Institute, Santa Fe, Arizona, February 2022.

26. Co-organizer of workshop, 'Methodological Issues in the Economics of Preferences and Beliefs About Risk', Cork, Ireland, April 2022.

27. Co-organizer of the inaugural conference of the Economic Science Association Africa, University of Cape Town, December 2023.

28. Organizer of online workshop, Influence Propagation in Networks, Strategic Dynamics, and Preference Change, August 2015.

e. **RECENT CONSULTING CLIENTS (ORGANIZATIONS)**

South African Responsible Gambling Trust
National Clothing Retailers Federation, South Africa
South African Fruit and Vegetable Canners Association
Southern African Bitumen Association
Investec, South Africa
Southern African Development Community
National Department of Trade and Industry, South Africa
Bernadt Vukic Potash & Getz, Attorneys
Bureau of Economic Research, South Africa
United States Department of Commerce
Allan Gray
Mizen Group (USA)
World Bank Group
Government of Namibia
South African National Roads Association (SANRAL)

f. DOCTORAL AND MASTERS SUPERVISIONS

Completed:

1. Dr Patricia Ivan. Ph.D. in Philosophy. Thesis topic: "Female circumcision: reasons, rights and relativism". Degree granted by University of Ottawa, Canada, 1997.

2. Colin Lumb. MA in Philosophy. Thesis topic: "Moral responsibility for character". Degree granted by University of Cape Town, 1997. Awarded with distinction.

3. Jerrob Duffy, LLM. Thesis topic: “Bargaining for truth and reconciliation in South Africa.” Degree granted by University of Cape Town,1999.

4. Arend von Wamelin, MBA. Thesis topic: "Competition and pricing strategies in the South African large-bore pipe industry". Degree granted by the University of Cape Town, 2000.

5. Dr Guy Wolf, MA in Economics. Thesis topic: “Product innovation as a static game of incomplete information in a non-Bayesian environment.” Degree granted by the University of Cape Town, 2001. Awarded with distinction.

6. Dr Susan Cleary, MA in Economics. Thesis topic: "The South African Government, pharmaceutical companies, and access to HIV / AIDS drugs." Degree granted by the University of Cape Town, 2001.

7. Christiane Steuber, MA in Philosophy. Thesis topic: “Freedom and development: The Ukraine as a case study”, 2002. Awarded with distinction.

8. Dr Michael Power, Ph.D. in Economics. Thesis topic: “Commoditization and currencies”. Degree granted by the University of Cape Town, 2002. Awarded with distinction.

9. Dr Karori Mbugua, Ph.D. in Philosophy. Thesis topic: "The methodology of scientific research programs and the history of causal explanations of human male homosexuality". Degree granted by the University of Cape Town, 2003.

10. Dr Guy Wolf, Ph.D. in Economics. Thesis topic: “Techniques for general modelling of innovation strategies in entrant-incumbent scenarios.” Degree granted by the University of Cape Town, 2003.

11. Matthew Breier, MA in Economics. Thesis topic: “Time, poverty and women’s agency in rural South Africa.” Degree granted (posthumously) by the University of Cape Town, 2008.

12. Dr Tendeukayi Mugadza, Ph.D. in Economics. Thesis topic: “Opportunity costs of international trade capacity development in sub-Saharan Africa.” Degree granted by the University of Cape Town, 2010.

13. Dr Andre Hofmeyr, Ph.D. in Economics. Thesis topic: “Risk preferences and addiction”. Degree granted by the University of Cape Town, 2015.

14. Dr Alexander Schuhr, Ph.D. in Economics. Thesis topic: “Regulation of choice behaviour: An experimental investigation of the hypothesis that people bundle sequences of expected rewards.” Degree granted by the University of Cape Town, 2015.

15. Dr Brian Monroe, Ph.D. in Economics. Thesis topic: “Stochastic models in experimental economics.” Degree granted by the University of Cape Town, 2018.

16. Dr Mark Schneider, Ph.D. in Economics. Thesis title: “Studies in risk perception and financial literacy: applications using subjective belief elicitation”. Degree granted by the University of Cape Town, 2019.

17. Dr Ross Harvey, Ph.D. in Economics. Thesis title: “Two petro-states diverge: Explaining the institutional evolution of Nigeria and Angola”. Degree granted by the University of Cape Town, 2019.

18. Dr Matthew Townshend, Ph.D. in Economics. Thesis title: “Toward an optimal road investment policy in South Africa”. Degree granted by the University of Cape Town, 2020.

19. Shauna Wall, MA in Public Health. Thesis topic: “How can policies addressing problem gambling in the United Kingdom and New Zealand serve as potential models for Ireland?” Degree granted by University College Cork, 2021.

20. Rhona Flynn, MA in Philosophy. Thesis topic: “Infantilisation in care, community, and cognitive disorder”. Degree granted by University College Cork, 2021.

21. Sanele Skeyi, MA in Economics. Thesis topic: “A critical review of the experimental literature on unconditional basic income”. Degree granted by the University of Cape Town, 2023.

22. Dr Cuizhu Wang, Ph.D. in Philosophy. Thesis topic: “Normative expectations,

subjective belief, and risk: An incentivised study." Degree granted by University College Cork, 2023.

23. Dr Colum Finnegan, Ph.D. in Philosophy. Thesis topic: "Cognitive externalism and the political consequences of social media." Degree granted by University College Cork, 2024.

24. Dr Elena Mariotti, Ph.D. in Behavioural Ecology. Thesis topic: "Quantity discriminatory capacity and choice preference between binary rewards in African elephants." Degree granted by the University of the Witwatersrand, 2024.

25. Charles Akello Ayai, MA in Economics. Thesis topic: "The neo-Roman conception of freedom in developmentalism: A historical perspective" Degree awarded by the University of Cape Town, May 2025.

26. Nicole Musiol, MA in Philosophy. Thesis topic: "False consciousness and family planning policies in the 20th century: The introduction of long-acting reversible contraceptives in Zambia". Degree granted by University College Cork, November 2025.

27. Lillian Nelson, MA in Public Health. Thesis topic: "Public money and private markets: the obscured state in American healthcare financing". Degree granted by University College Cork, November 2025.

In progress:

1. Andrea Bouwer, Ph.D. in Behavioural Ecology. Thesis topic: "Experiment-based estimation of risk preferences in six African elephants".

2. B. Gocke Idiman, Ph.D, in Economics. Thesis topic: "Productivity dynamics associated with intangible capital in the United States since 1990".

Funded research projects *(2006-2021)*

(Currency conversion: R1000 = €49 = US$53.7 as at 26 August 2023)

1. Project: Relationships between nicotine addiction and intertemporal reward bundling
   When: 2006
   Funding: R130,000 from the National Responsible Gambling Programme (South Africa); R70,000 from the South African National Research Foundation
   Co-investigator: George Ainslie.

2. Project: The National Urban Prevalence Study of Gambling Behaviour (South Africa)
   When: 2008
   Funding: R800,000.00 from the National Responsible Gambling Programme (South Africa)
   Co-investigators: Andrew Dellis, Harold Kincaid, Jacques Rousseau, Carla Sharp, Martine Visser, Rudy Vuchinich.

3. Project: Gambling prevalence and severity among rural and peri-urban poor South Africans in KwaZulu-Natal
   When: 2009
   Funding: R663,000 from the National Responsible Gambling Programme (South Africa)
   Co-investigators: Andrew Dellis, Carla Sharp, David Spurrett.

4. Project: National Longitudinal Study of Gambling Behavior and Problem and Pathological Gambling in South Africa
   When: 2010-2011
   Funding: R1,500,000.00 from the South African National Responsible Gambling Programme
   Co-investigators: Andre Hofmeyr, Harold Kincaid, Carla Sharp.

5. Project: Do People Bundle Intertemporally Distributed Monetary Rewards?
   When: 2013
   Funding: R370,000.00 from the Center for Economic Analysis of Risk
   Co-investigators: George Ainslie, Glenn Harrison, Morten Lau, J. Todd Swarthout.

6. Project: Risk attitudes of Western Cape fruit farmers
   When: 2013
   Funding: R56,000.00 from the Center for Economic Analysis of Risk; R120,700 from the National Research Foundation (NRF).
   Co-investigators: Salvatore Di Franco, Glenn Harrison, Harold Kincaid, Mare Sarr, J. Todd Swarthout.

7. Project: Factors affecting informal gambling in Khayelitsha
   When: 2013
   Funding: R643,808.00 from the National Responsible Gambling Programme (South Africa)
   Co-investigators: Reza Daniels, Andrew Dellis, Andre Hofmeyr, Harold Kincaid.

8. Project: Evidence-Based Assessment of a New Preschool Initiative in Mfuleni Township – pilot
   When: 2013
   Funding: R250,000.00 from Georgia State University Institutional Strategic Investment Fund; R243,000.00 from UCT Vice-Chancellor's Strategic Fund.
   Co-investigators: Gary Bingham, Harold Kincaid, Fumani Mthembi, Nicole Patton-Terry, Richard Rothenberg, Elizabeth Rutström, Julie-Ann Washington.

9. Project: Relationships between product information, risk preferences and retail investment portfolio choices in Cape Town working adults
   When: 2015
   Funding: R300,000.00 from Allan Gray (Pty); R100,000.00 from Center for Economic Analysis of Risk
   Co-investigators: Glenn Harrison, Kanshukan Rajaratnum, Dave Strugnell.

10. Project: The Behavioral Identification and Prevalence of Pathological Gamblers in Denmark
    When: 2015
    Funding: R10,017,282.00 from the Danish Social Science Research Council; R1,574,685.00 from the Center for Economic Analysis of Risk
    Co-investigators: Glenn Harrison, Morten Lau, J. Todd Swarthout.

11. Project: Risk preference structures and evolution of rugby bets under changing information
    When: 2016
    Funding: R490,435.00 from University of Zurich
    Co-investigators: Frauke von Bieberstein, Eberhard Feess, Glenn Harrison, Helge Mueller.

12. Project: Understanding addiction: Using economic experiments to understand the dynamics of tobacco smoking
    When: 2016-2017
    Funding: R545,000 from the South African National Research Foundation
    Co-investigators: Glenn Harrison, Andre Hofmeyr, Harold Kincaid.

13. Project: Impact of information on Sure-Thing Principle (STP) violations
    When: 2017
    Funding: R14,000.00 from UCT URC; R45,000.00 from Center for Economic Analysis of Risk
    Co-investigators: Glenn Harrison, Nicky Nicholls.

14. Project: How do elephants choose between risky outcomes? Estimating a structural model of risk preferences for African elephants
    When: 2020-2021
    Funding: R232,901 from Profile Books (UK); R682,930 from Center for Economic Analysis of Risk
    Co-investigators: Glenn Harrison, Sean Hensman, Elena Mariotti, Francesca Parrini, E. Elisabet Rutström

15. Project: Normative Expectations, Subjective Belief, and Risk: An Incentivised Study
    When: 2021
    Funding: R420,000 from Center for Economic Analysis of Risk
    Co-investigators: Glenn Harrison, Andre Hofmeyr, Brian Monroe, Cuizhu Wang (student)

16. Project: Measuring effects of belief confidence on task performance and efficiency
    When: 2021
    Funding: R839,000 from the Center for the Economic Analysis of Risk
    Co-investigators: Glenn Harrison, J. Todd Swarthout

17. Project: Coevolution of risk preference, subjective beliefs, and risk mitigation behaviour during the COVID-19 pandemic emergency: experiments in South Africa and the United States
    When: 2020
    Funding: $112,000 from the Center for the Economic Analysis of Risk
    Co-investigators: Glenn Harrison, Andre Hofmeyr, Harold Kincaid, Brian Monroe, Mark Schneider, J. Todd Swarthout

18. Project: Experimental elicitation and estimation of risk preferences in African elephants
    When: 2020 – present (continuing)
    Funding: $314,853 (to date) from the Center for the Economic Analysis of Risk
    Co-investigators: Glenn Harrison, Sean Hensman, Francesca Parrini, Elisabet Rutström

Publications

BOOKS AND MONOGRAPHS

1. Ross, D. *Metaphor, Meaning and Cognition*. New York: Peter Lang, 1993.



2. Ross, D. *I nouvi percorsi dell'intelligenza artificiale* ("New Frontiers in Artificial Intelligence"). Edizioni Scientifiche Italiane, Naples, 1995.

3. Ross, D. *What People Want: The Concept of Utility from Bentham to Game Theory*. University of Cape Town Press, 1999.

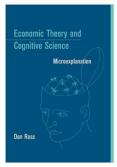


4. Ross, D., D. Thompson & A. Brook, eds. *Dennett's Philosophy: A Comprehensive Assessment*. MIT Press / Bradford 2000.

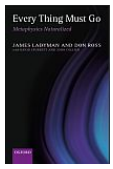


5. Brook, A., & D. Ross, eds. *Daniel Dennett.*. Cambridge University Press, 2002.

6. Ayogu, M., & D. Ross, eds. *Development Dilemmas: The Methods and Political Ethics of Growth Policy.* Routledge, 2004.



7. Ross, D. *Economic Theory and Cognitive Science, Volume One: Microexplanation.* MIT Press / Bradford, 2005



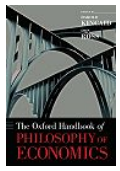
8. Ladyman, J., & Ross, D. *Every Thing Must Go: Metaphysics Naturalized.* Oxford University Press, 2007.



9. Ross, D., Spurrett, D., Kincaid, H., & Stephens, L., eds. *Distributed Cognition and the Will.* MIT Press, 2007.



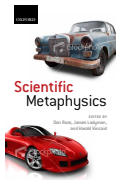
10. Ross, D., Sharp, C., Vuchinich, R., & Spurrett, D. *Midbrain Mutiny: The Behavioral Economics and Neuroeconoemics of Disordered Gambling (Economic Theory and Cognitive Science, Volume Two)*. MIT Press, 2008.



11. Kincaid, H., & D. Ross, eds. *Handbook of the Philosophy of Economics.* Oxford University Press, 2009.

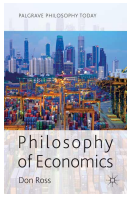


12. Ross, D., H. Kincaid, D. Spurrett & P. Collins, eds. *What is Addiction?* MIT Press, 2010.

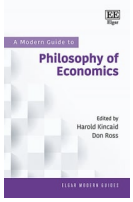


13. Ross, D., J. Ladyman & H. Kincaid, eds., *Scientific Metaphysics*. Oxford University Press, 2012.

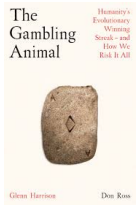
14. Ross, D., *Philosophy of Economics*. Palgrave Macmillan, 2014.



15. Kincaid, H., & Ross, D., eds., *Modern Guide to Philosophy of Economics.* Edward Elgar, 2021.



16. Harrison, G.W., & Ross, D., eds., *Models of Risk Preferences: Descriptive and Normative Challenges.* Emerald, 2023.



17. Harrison, G.W., & Ross, D., *The Gambling Animal.* Profile, 2025.

18. Millhouse, T., Petersen, S., & Ross, D., eds., *Dennett's Real Patterns in Science and Nature.* MIT Press, 2025.

PAPERS IN REFEREED JOURNALS

1. Ross, D. Stich, Fodor and the status of belief. *Eidos* 5:119-141, 1986.

2. Ross, D. Against positing central systems in the mind. *Philosophy of Science* 57:297-312, 1990.

3. LaCasse, C. & Ross, D. Reply to Norman: Has rational economic man a heart? *Eidos* 8:235-246, 1991.

4. Ross, D. Hume, resemblance and the foundations of psychology. *History of Philosophy Quarterly* 8: 343-356, 1991.

5. Ross, D. Quining qualia Quine's Way. *Dialogue* 32:439-459, 1993.

6. Ross, D. Dennett's conceptual reform. *Behavior and Philosophy* 22:41-52, 1994.

7. Ross, D. Instrumental realism and the idea of embodied knowledge. *Research in Philosophy and Technology* 14:251-269, 1994.

8. Ross, D. Real patterns and the ontological foundations of microeconomics. *Economics and Philosophy* 11:113-136, 1994.

9. LaCasse, C. & Ross, D. The microeconomic interpretation of games. *Philosophy of Science Association Biennial Volume 1994, v. 1*, 379-387.

10. Ross, D., & Zawidzki, T. Information and teleosemantics. *Southern Journal of Philosophy*, 32:393-419, 1994.

11. Ross, D. Minimal strong functionalism. *Journal of Philosophical Research*, 20:237-268, 1995.

12. Ross, D. Conceptual revolutions? How not to naturalize the philosophy of science. *Dialogue* 35:147-154, 1996.

13. Ross, D., & LaCasse, C. Toward a new philosophy of positive economics. *Dialogue* 35:1-27, 1995.

14. Ross, D. La philosophie de la science en fin de régime. *Philosophiques* 23:204-210, 1996.

15. Ross, D. Externalism for everybody. (Critical Notice) *Canadian Journal of Philosophy*, 27:271-284, 1997.

16. Ross, D. Internal recurrence. (Critical Notice) *Dialogue* 37:155-161, 1998.

17. Ross, D. Folk theories, models and economic reality: A reply to Williams. *South African Journal of Philosophy* 18:247-257, 1999.

18. Ross, D. Problems of a war correspondent. (Critical Notice) *Biology and Philosophy* 16:251-260 , 2001.

19. Duffy, J., & Ross, D. Bargaining for truth and amnesty in South Africa: A game-theoretic analysis. *South African Journal of Philosophy* 20:66-89, 2001.

20. Ross, D. Why people are atypical agents. *Philosophical Papers* 31:87-116, 2002.

21. Cleary, S., & Ross, D. The 1998-2001 legal struggle between the South African government and the international pharmaceutical industry: A game-theoretic analysis. *Journal of Social, Political and Economic Studies* 27: 445-494, 2002.

22. Ross, D. Learning, cognition and ideology. *South African Journal of Philosophy* 22: 139-156, 2003.

23. Ross, D. L'étude de tout, par tous les moyens' (Étude critique). *Philosophiques* 30: 245-262, 2003.

24. Ross, D., & Spurrett, D. What to say to a skeptical metaphysician: A defence manual for cognitive and behavioral scientists. *Behavioral and Brain Sciences* 27: 603-647, 2004.

25. Ross, D., & Spurrett, D. The cognitive and behavioral sciences: Real patterns, real causes, real unity but no supervenience. *Behavioral and Brain Sciences* 27: 637-647, 2004.

26. Ross, D., & Dumouchel, P. Emotions as strategic signals. *Rationality and Society* 16: 251-286, 2004.

27. Ross, D., & Dumouchel, P. Sincerity is just consistency: Reply to Frank. *Rationality and Society* 16: 307-318, 2004.

28. Ross, D. Meta-linguistic signalling for coordination amongst social agents. *Language Sciences* 26: 621-642, 2004.

29. Ross, D. Models back in the bunk. *Journal of Economic Methodology* 12: 599-621, 2005.

30. Ross, D. Evolutionary game theory and the normative theory of institutional design: Binmore and behavioral economics. *Politics, Philosophy and Economics* 5: 51-79, 2006.

31. Ross, D., The economic and evolutionary basis of selves. *Journal of Cognitive Systems*

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31. Ross, D., Social tinkering generates complexity, but also system-scale fragility and collective delusions. *Behavioral and Brain Sciences* 49. DOI: https://www.cambridge.org/core/journals/behavioral-and-brain-sciences/article/social-tinkering-generates-complexity-but-also-systemscale-fragility-and-collective-delusions/2E625ED80E22EEC1745B0C6C8926812F#related-commentaries 2026.

RECENT MAJOR CONSULTING REPORTS

1. Ross, D. The Under-Provision and Under-Capitalization of Road Maintenance, Rehabilitation, Construction and Upgrading in South Africa: Analysis and Measures Toward Improvement. Prepared under contract to the South African Bitumin and Tar Association, 2001.

2. Wolf, G., Hassan, S., Ross, D., & Kantor, B. The Unit Trust and Asset Fund

Management Industry in South Africa: Prospects Under the Forthcoming Regulatory Environment. Prepared under contract to Investec (Pty.), South Africa, 2001.

3. Ross, D., Spurrett, D., & Vuchinich, R. The Behavioral Economics and Neuroeconomics of Disordered Gambling: A Policy-Focused Survey of Research. Prepared under contract for the South African Responsible Gambling Foundation, 2006.

4. Edwards, L., Ross, D., & Kantor, B. On the Need for Expert Study of the Economic Consequences of New Import Restrictions on Chinese Clothing and Textiles in South Africa. Prepared under contract to the South African Clothing and Textiles Retailers Association, 2006.

5. Ross, D. South Africa's Fruit Processing Industry: Competitiveness Factors and the Case for Sector-specific Industrial policy Measures. Prepared under contract to the National Department of Trade and Industry, South Africa, 2007.

6. Brink, G., & Ross, D. Comments on Trade Commitment Compatibility and WTO Legality of Possible Industrial Policy Measures to Promote the Competitiveness of South African Processed Fruit Exports. Prepared under contract to the National Department of Trade and Industry, South Africa, 2007.

7. Ross. D., & Field, K. South African Road Surfacing Policy, International Oil Price Changes, and the Shadow Pricing of Costs and Benefits. Prepared under contract to the Southern African Bitumen Association, 2007.

8. Schwardmann, P., & Ross, D. Economic Evaluation of Potential Industrial Policy Measures to Expand the Profitability Frontier for South African Packaged Deciduous Fruit Exports. Prepared under contract to the National Department of Trade and Industry and the South African Fruit and Vegetable Canners Association, South Africa 2008.

9. Harrison, G., & Ross, D. Collecting Societies for Rights to Transmission of Music in Large Retailer's Outlets in South Africa: An Economic Inquiry. Prepared under contract to Berandt, Vukic, Potash and Getz, Attorneys, 2009.

10. Schwardmann, P., & Ross, D. How the South African Fruit Canning Industry Can Respond to High Can Prices, a Strong Rand and the Global Economic Crisis: The Possibility of Importing Tinplate. Prepared under contract to the South African Fruit and Vegetable Canners Association, 2009.

11. Ross, D. Collins, P., Dellis, A., Hofmeyr, A., Kincaid, H., Rousseau, J., Schuhr, A., Sharp, C., Visser, M., & Vuchinich, R. Summary of Basic Data on Gauteng Province from the National Urban Prevalence Study on Gambling Behaviour. Report prepared under contract to the Government of the Province of Gauteng, 2009.

12. Ross, D. Collins, P., Dellis, A., Hofmeyr, A., Kincaid, H., Rousseau, J., Schuhr, A., Sharp, C., Visser, M., & Vuchinich, R. Summary of Basic Data on Cape Town from the National Urban Prevalence Study on Gambling Behaviour. Report prepared under contract to the Bureau of Economic Research, 2009.

13. Ross, D. Collins, P., Dellis, A., Hofmeyr, A., Kincaid, H., Rousseau, J., Schuhr, A., Sharp, C., Visser, M., & Vuchinich, R. Summary of Basic Data from the National Urban Prevalence Study on Gambling Behaviour. Report prepared under contract to the Board of Directors of the National Responsible Gambling Programme, 2010.

14. Ross, D., Scrap metal export restrictions around the world as of 2013: The external context for newly proposed non-automatic licensing measures in South Africa. Prepared under contract to Berandt, Vukic, Potash and Getz, Attorneys, 2013.

15. Harrison, G., Rajaratnum, K., Ross, D., & Strugnell, D., Relationships Between Product Information, Risk Preferences and Retail Investment Portfolio Choices in Cape Town Working Adults. Prepared for Allan Gray (Pty) Ltd, Cape Town, 2015.

16. Autzen, B., and Ross, D., Compliance Culture Diagnostic for Financial Services Providers: Analysis of Pilot Study. Prepared for the Mizen Group (USA), 2020.

17. Autzen, B., Harrison, G., Monroe, B., Ross, D., & Schneider, M., Golden Source Alloy Survey: Analysis of Data for Quontic Bank. Prepared for the Mizen Group (USA), 2021.

18. Autzen, B., Harrison, G., Monroe, B., Ross, D., & Schneider, M., Golden Source Alloy Survey: Data Analysis for TAB Bank. Prepared for the Mizen Group (USA), 2021.

19. Autzen, B., Harrison, G., Monroe, B., Ross, D., & Schneider, M., Golden Source Alloy: Meta-Report to the Mizen Group. Prepared for the Mizen Group (USA), 2021.

20. Ross, D., & Townshend, M., Rural Access Index estimates for South Africa. Prepared for the World Bank Group, November 2021.

21. Ross, D., & Townshend, M., Scenarios for rural road access improvement for South Africa to 2030. Prepared for the World Bank Group, December 2021.

22. With the Committee of Transport Officials (South Africa), TRH-24: Upgrading of Unpaved Roads. Sanral: Building South Africa through better roads: SanralDownloads . June 2024.

23. Ross, D., Townshend, M., & van der Westhuizen, V., Breaking the regravelling trap: A fiscal-federalism contract for upgrading South Africa's unpaved roads. Economic Research South Africa Economic Growth Policy Paper Series #54, 2026. https://ideas.repec.org/p/rza/ersawp/341.html

Conference Presentations and Invited Talks

REFEREED CONFERENCE PRESENTATIONS

1. Metaphor and Logical Form. At the Annual Meetings of the Canadian Philosophical Association, Winnipeg, Manitoba, May 1986.

2. Quine and Future Philosophical Method. At the Conference on the Future of Philosophy,

Brock University, St. Catherines, Ontario, June 1987.

3. Against Positing Central Systems in the Mind. At the Conference on the Philosophy of Mind, University of Rochester, Rochester, New York, October 1987.

4. Naturalism, Reliability and the Psychology of Perception. At the Annual Meetings of the Canadian Philosophical Association, Windsor, Ontario, May 1988.

5. A Plea for a Naturalized Theory of Action and Practical Reasoning. At the Annual Meetings of the Ontario Philosophical Society, Kingston, Ontario, January 1989.

6. Connectionism, GOFAI and Psychological Explanation. At the Annual Meetings of the Canadian Philosophical Association, Quebec City, Quebec, May 1989.

7. Connectionism, GOFAI and Psychological Explanation (revised version). At the Annual Meetings of the American Philosophical Association, Eastern Division, Atlanta, Georgia, December 1989.

8. Two Dogmas of Functionalism. At the Annual Meetings of the Canadian Philosophical Association, Kingston, Ontario, May 1991.

9. Engineering, Cognition and the Philosophy of Science. At the 9th World Congress of Logic, Methodology and Philosophy of Science, Uppsala, Sweden, August 1991.

10. Semantic Interpretation of Hidden Unit Activity in PDP Networks. At the Annual Meetings of the Canadian Philosophical Association, Charlottetown, Prince Edward Island, May 1992.

11. Realist Foundations for Microeconomics. At the Annual Meetings of the Canadian Philosophical Association, Carleton University, Ottawa, May 1993.

12. Information, Intentionality and Natural Selection. With T. Zawidzki, at the Annual Meetings of the Canadian Society for the History and Philosophy of Science, Carleton University, Ottawa, May 1993.

13. Against Normative Interpretation of Game Theory. With C. LaCasse, at the Annual Meetings of the Canadian Philosophical Association, Calgary, June 1994.

14. The Microeconomic Interpretation of Games. With C. LaCasse, at the Meetings of the Philosophy of Science Association, New Orleans, October 1994.

15. The Possibility of Economic Objectivity. At the Annual Meetings of the Canadian Philosophical Association, Université du Québec à Montréal, June 1995.

16. The Possibility of Economic Objectivity. At the 10th World Congress of Logic, Methodology and Philosophy of Science, Florence, Italy, August 1995.

17. Rainforest Realism. At the Annual Meetings of the Canadian Philosophical Association, Brock University, St. Catherine's, Canada, May 1996.

18. Rainforest Realism. At the Meetings of the Australasian Association of Philosophy, Auckland, New Zealand, July 1997.

19. Against the Analytic/Continental Distinction: A Tale of Three Myths. At the Annual Meetings of the Philosophical Society of Southern Africa, University of Port Elizabeth, January 1998.

20. Sraffa and Wittgenstein on the Critique of Marginalist Theory and the Foundations of Mathematics. With Mathieu Marion, at the Annual Meetings of the Canadian Philosophical Association, University of Ottawa, May 1998.

21. Utilitarian Foundations of Marginalism. At the Annual Meetings of the Philosophical Society of Southern Africa, University of the Orange Free State, January, 1999.

22. Bugbears of Globalization: A moral argument, with special reference to South Africa. At the Annual Meetings of the Philosophical Society of Southern Africa, Muldersdrift, January 2000.

23. Why People are Atypical Agents. At the Annual Meetings of the Philosophical Society of Southern Africa, Durban, January 2001.

24. Why People are Atypical Agents. At the Annual Meetings of the Canadian Philosophical Association, Université Laval, Quebec City, May 2001.

25. Emotions, Signalling and Strategic Coordination. With Paul Dumouchel, at the Annual Meetings of the American Association for Artificial Intelligence, North Falmouth, Massachusetts, November 2001.

26. Non-Humean Mental Causation. With David Spurrett, at the Annual Meetings of the Philosophical Society of Southern Africa, Stellenbosch, January 2002.

27. Non-Humean Mental Causation. With David Spurrett, at the conference on Causation and Explanation in Natural and Social Sciences, Centre for Logic and Philosophy of Science, Ghent University, Belgium, May 2002.

28. Game Theory and a New Argument for Eliminativism About Rationality. At the Eastern Division Meetings of the American Philosophical Association, Philadelphia, December 2002.

29. Moralized Preferences. At the Annual Meetings of the Philosophical Society of Southern Africa, Rhodes University, South Africa, January 2003.

30. Economic Agents as Sub-personal Entities. At the 12th International Congress of Logic, Methodology and Philosophy of Science, Oviedo, Spain, August 2003.

31. Clustering Infrastructure Development Projects for Optimal Opportunity Value: Examples From Rural KwaZulu-Natal. With S. Muradzikwa, B. Standish & P. Cronje, at the conference on Asphalt Pavements South Africa, Pretoria, September 2004.

32. The Economic and Evolutionary Basis of Selves. Collective Intentionality IV, Sienna,

Italy, October 2004.

33. Should developing country governments seek to be ethical in international economic processes? At the Conference on `Politics and Ethics: An Interdisciplinary Exploration of Contemporary Issues', Gulfport Mississippi, March 2005.

34. Preference cyclicity and money pumping in a virtual economy. With D. Spurrett, B. Murrell & J. McCoy, at the Annual Meetings of the Economics Society of Southern Africa, Durban, September 2005.

35. Addictive gambling as the basic dopaminergic reward system pathology in general addiction: A neuroeconomic interpretation. At the 13th International Conference on Gambling and Risk-Taking, Lake Tahoe, May 2006.

36. Problem gambling severity and disposition to bundle rewards in South African gamblers. With B. Murrell, D. Spurrett, A. Hofmeyr, A. Dellis, P. Schwardmann, C. Sharp, J. Rousseau & R. Vuchinich, at the 7th Annual NCRG Conference on Gambling and Addiction, Las Vegas, November 2006

37. Ontic Structural Realism and Economics. At the biennial meetings of the Philosophy of Science Association, Vancouver, November 2006.

38. Economic models of pathological gambling. At the Annual Meetings of the Southern Economic Association, New Orleans, November 2007.

39. Impulsivity, reward discounting and severity of disordered gambling in a South African population. With A. Hofmeyr, A. Dellis, B. Murrell, G. Barr, R. Vuchinich, C. Sharp, J. Rousseau & D. Spurrett, at the 8th Annual NCRG Conference on Gambling and Addiction, Las Vegas, November 2007.

40. Syndrome stabilization in psychiatry: Pathological gambling as a case study. At the Biennial Meetings of the Philosophy of Science Association, Pittsburgh, November 2008.

41. The criterion-related and construct validity of the Canadian Problem Gambling Index in a sample of South African gamblers. With A. Dellis, A. Hofmeyr, P. Schwardmann, D. Spurrett, R. Vuchinich, G. Barr, J. Rousseau & C. Sharp, at the 9th Annual NCRG Conference on Gambling and Addiction, Las Vegas, November 2008.

42. The relationship between smoking and reward bundling in a group of South African university students. With A. Hofmeyr, at the Biennial Conference of the Economic Society of South Africa, Port Elizabeth, September 2009.

43. Predictors of problem gambling in a developing country: The 2008 South African Urban Prevalence Study.' With A. Hofmeyr, A. Dellis, H. Kincaid, J. Rousseau, A. Schuhr, C. Sharp, M. Visser & R. Vuchinich, at the 10th Annual NCRG Conference on Gambling and Addiction, Las Vegas, November 2009.

44. Gambling prevalence and severity among rural and peri-urban poor South Africans in KwaZulu-Natal'. With A. Dellis, D. Spurrett, A. Hofmeyr, H. Kincaid, J. Rousseau, C.

Sharp, M. Visser, & R. Vuchinich, at the 10th Annual NCRG Conference on Gambling and Addiction, Las Vegas, November 2009.

45. The comorbidity of gambling problems, anxiety, depression and substance use in a representative urban sample of 3000 South Africans. With C. Sharp, A. Hofmeyr, A. Dellis, H. Kincaid, J. Rousseau, and G. Ainslie, at the 11th Annual NCRG Conference on Gambling and Addiction, Las Vegas, November 2010.

46. The role of background theory in econometric estimation: Defending structuralism. At the 10th Conference of the International Network for Economic Methodology, St Petersburg, Russia, May 2012.

47. Alternative modelling frameworks for self-sculpting games. At the Biennial Meeting of the Society for Research in Child Development, Seattle, Washington, April 2013.

48. The National Longitudinal Study of Gambling Behaviour (NLSGB): Preliminary results. At the 15th International Conference on Gambling and Risk Taking, Las Vegas, May 2013.

49. Social foundations of consistent preferences: philosophical and neural learning background, and an experiment on a breakdown. At the Biennial Meetings of the International Network for Economic Methodology, Rotterdam, the Netherlands, June 2013.

50. Eliciting and estimating heterogeneous risk preference structures. At the Annual Meetings of the Northeastern Evolutionary Psychology Society, St Mary's University, Halifax, Canada, June 2016.

51. Gambling Problems in the General Danish Population: Survey Evidence. With Morten Lau. At the 16th International Conference on Gambling and Risk Taking, Las Vegas NV, June 2016.

52. Picoeconomics and Social Coordination. At the Workshop on Cooperation and Self Control, King's College London, June 2016.

53. The empirical adequacy of cumulative prospect theory and its implications for normative assessment. With Glenn Harrison. At the conference 'Economics and/or Psychology? Interdisciplinary Perspectives on Behavioural Economics,' University of Helsinki, Finland, May 2017.

54. Disordered gambling prevalence: Methodological innovations in a general Danish population survey. With G. Harrison, M. Lau, and L. Jessen. At the CEAR Conference on Risk and Risky Behavior, Copenhagen Business School, Denmark, June 2017.

55. Do people bundle sequences of choices? An experimental investigation. With G. Ainslie, G. Harrison, M. Lau, A. Schuhr, and J.T. Swarthout. At the 13th Conference of the International Network for Economic Methodology, San Sebastian, Spain, August 2017.

56. The empirical adequacy of cumulative prospect theory and its implications for

normative assessment. With G. Harrison. At the conference of the European Philosophy of Science Association, Exeter, UK, September 2017.

57. Are elephants diminished persons? At the Designed Mind conference, School of Informatics, University of Edinburgh, Scotland, November 2017.

58. Cost-effective provision of low-volume roads in South Africa. With M. Townshend. At the International Road Federation (IRF) World Road Meeting, Delhi, India, November 2017.

59. Data-driven prioritization of road maintenance activities. With M. Townshend. At the International Road Federation (IRF) World Road Meeting, Delhi, India, November 2017.

60. Gambling cravings as predictors and symptoms of gambling addiction: Evidence from a Danish sample. With G. Harrison and M. Lau. At the International Gambling Conference 2018, Auckland University of Technology, New Zealand, February 2018.

61. Do people bundle sequences of choices? An experimental investigation. With G. Ainslie, G. Harrison, M. Lau, A. Schuhr, and J.T. Swarthout. At the 4th Annual Philosophy and Economics Conference, Lyon, France, June 2018.

62. Conditional game theory: mathematics for modelling normative social structure. With W. Stirling. At conference 'Social Ontology 2018', Tufts University, Boston, August 2018.

63. Distinguishing sources of public distrust of economists. At the Joint Meetings of the European Network for Philosophy of Social Science and the Social Science Roundtable, Leibniz University, Hanover, Germany, August 2018.

64. Smoking behaviour and individual preferences. With G. Harrison, A. Hofmeyr, H. Kincaid and B. Monroe. At the 6th Workshop in Behavioral and Experimental Health Economics, University of Oslo, Norway, December 2018.

65. Subjective beliefs about the health risks of smoking. With G. Harrison, H. Kincaid, and B. Monroe. At the 6th Workshop in Behavioral and Experimental Health Economics, University of Oslo, Norway, December 2018.

66. The welfare evaluation of gambling behaviour: Evidence from the laboratory. With G. Harrison, M. Lau, and J.T. Swarthout. At the 17th Conference on Gambling and Risk Taking, Las Vegas, NV, May 2019.

67. The road maintenance backlog in South Africa. With M. Townshend. At the Southern African Transport Conference, Pretoria, July 2019.

68. Using cost-effectiveness analysis to screen and rank road projects in Namibia. With M. Townshend. At the Southern African Transport Conference, Pretoria, July 2019.

69. Deciphering the noise: The quantitative intentional stance and the welfare costs of noisy behaviour. With A. Alekseev, G. Harrison, & M. Lau. At the 14th Annual Conference of the International Network for Economic Methodology (INEM), University of Helsinki, Finland, August 2019.

70. Strategic theory of norms for experimental applications in social science. With W. Stirling & L. Tummolini. At the meetings of the European Network for the Philosophy of the Social Sciences. Université Toulouse Jean Jaurès, France (online), September 2020.

71. Economics, social neuroscience, and mindshaping. With W. Stirling. At 3rd Philo-Eco Conference, Warsaw, Poland (online), June 2021.

72. Neo-Samuelsonian methodology and normative economics: Answering Hands's challenge. At the 15th Annual Conference of the International Network for Economic Methodology, University of Arizona, November 2021.

73. Modelling norm-governed communities with conditional games. With W. Stirling & L. Tummolini. At conference on The Boundaries of Economics, la Sorbonne, Paris, May 2022.

74. Mindshaping, conditional games, and the Harsanyi Doctrine. With W. Stirling. At the 16th Annual Conference of the International Network for Economic Methodology, Ca' Foscari University of Venice, May 2023.

75. Gender and confidence reconsidered. With G. Harrison & J.T. Swarthout. At the inaugural conference of the Economic Science Association Africa, University of Cape Town, December 2023.

76. Modelling conditionally respected social norms: A critique from the intentional stance. With C. Wang. At the 7th International Conference on Economic Philosophy, University of Reims Champagne-Ardennes, France, May 2024.

77. We are Keynes's grandchildren. At the 8th International Conference on Philosophy and Economics, Nancy, France, May 2026.

INVITED TALKS

1. Quining Qualia Quine's Way. At symposium `Qualia and Materialism / Les qualia et le matérialisme,' University of Ottawa, February 1992.

2. Toward a New Philosophy of Positive Economics. With C. LaCasse, to the Department of Philosophy, Université du Québec à Montréal, November 19, 1993.

3. The Real Objects of Microeconomics. To the Department of Philosophy, University of Waterloo, December 3, 1993.

4. La philosophie de la science en fin de regime. Au 62e congrès de l'Association canadienne-française pour l'avancement des sciences, l'Université du Québec à Montréal, le 19 mai, 1994.

5. A Game Theoretic Critique of Economic Contractarianism. To the Department of Philosophy, Université du Québec à Montréal, February 1995.

6. Robbins on Economic Causation. At the Annual Meetings of the Canadian Philosophical

Association, Université du Québec à Montréal, June 1995.

7. War as Trade Gone Awry: An Economic Explanation of the Origins of the Second World War'. At the international conference, `Kant, la paix et les nations unies,' University of Ottawa, October 1995.

8. The Nature of Historical Revisionism: Two Case Studies. To the Department of Philosophy, Memorial University, St. John's, Newfoundland, February 1996.

9. Expunging the Normative: Game-Theoretic Foundations for Positive Economics. To the Department of Economics, Memorial University, St. John's, Newfoundland, February 1996.

10. Distinguishing Amongst Stalin's Terrors. To the Department of History, Memorial University, St. John's, Newfoundland, February 1996.

11. On Dumouchel's Theory of the Emotions. At the Annual Meetings of the Canadian Philosophical Association, Brock University, St. Catherine's, Canada, June 1996.

12. Realism and Projectibility. At the conference, `Induction, Projectibility and Nelson Goodman,' University of Ottawa, April 1997.

13. Realism and Isolation in Game Theory: The Problem of Typing Games. At the World Congress of Philosophy, Boston, MA, August 1998.

14. Rainforest Realism: A Dennettian Theory of Existence. At the international conference, `Dennett's Philosophy: A Comprehensive Assessment', Memorial University of Newfoundland, November 1998.

15. The Role of the Emotions in Bargaining: A Neo-Humean Account. With Paul Dumouchel, for the Cognitive Science Distinguished Lecture, Carleton University, Canada, January 1999.

16. Philosophical Aspects of the Hayek-Keynes Debate on Monetary Policy and Theory, 1925-1937. At the Université du Québec à Montréal, June 1999.

17. Systems, Models and Explanations in the Special Sciences. At the Annual Meetings of the Canadian Philosophical Association, Université du Sherbrooke, June 1999.

18. The Monetary Policy Debate in Britain, 1925-37: What Was the Argument About?. To the Department of Economics, Edith Cowan University, Perth, Australia, September 1999.

19. Price Buffering and Strategic R&D: Defense Mechanisms for Market Incumbents. With Guy Wolf, to the Faculty of Business and Public Management, Edith Cowan University, Perth, Australia, September 1999.

20. The Cognitive Function of Emotions: A Neo-Smithian Account. To the Department of Philosophy, Edith Cowan University, Perth, Australia, September 1999.

21. Learning, Cognition and Ideology. The Richard Turner Memorial Lecture, University of Natal-Durban, May 2000.

22. Game-Theoretic Foundations for the Behavioural Sciences. To the Rhodes University Spring Colloquium, Rhodes University, Grahamstown, South Africa, September 2000.

23. Emotions as Strategic Signals. To the Rhodes University Spring Colloquium, Rhodes University, Grahamstown, South Africa, September 2000.

24. Agency in Economics, Cognitive Science and Game Theory. At the Centre for Applied Ethics, University of British Columbia, Vancouver, October 2000.

25. Game-theoretic Foundations of the Behavioural Sciences. At the Centre for Applied Ethics, University of British Columbia, Vancouver, November 2000.

26. Causal Closure of the Physical and the Dynamics of Intentional Causation. With David Spurrett, at the Annual Conference on the Philosophy of Science, Dubrovnik, Croatia, April 2001.

27. The Study of Everything, By All Means: Fisette and Poirier on the Philosophy of Mind. At the Annual Meetings of the Canadian Philosophical Association, Université Laval, Quebec City, May 2001.

28. Game Theory and the New Route to Eliminativism About Propositional Attitudes. To the Philosophy Department, Université du Québec à Montréal, November 2001.

29. Game Theory and the New Route to Eliminativism About Propositional Attitudes. To the Centre for Cognitive Science, Carleton University, November 2001.

30. Evolutionary Economics, Evolutionary Psychology and Systematic Behavioral Science. To the Annual Conference on the Philosophy of Science, Dubrovnik, Croatia, April 2002.

31. A New - and Much Better - Argument for Eliminativism; and How to Answer It. At the Annual Spring Colloquium in Philosophy, Rhodes University, Grahamstown, South Africa, September 2002.

32. Moral Naturalism, Moralized Preferences and Game Determination Problems. To the Department of Philosophy, Duke University, October 2002.

33. Externally Anchored Sentiments. At the conference on `mind AND world,' University of Natal, Durban, March 2003.

34. Emotional and Moral Signalling in Evolutionary Games. At Annual Conference on the Philosophy of Science, Dubrovnik, Croatia, April 2003.

35. Informational-topological Foundations for Scientific Metaphysics. At the Annual Meetings of the Canadian Philosophical Association, Halifax, Canada, May-June 2003.

36. Moralized Preferences. To the Department of Philosophy, University of Bristol, May

2004.

37. The WTO, Developing Countries and `Unfair' Trade. Meaker Fellowship Lecture, University of Bristol, May 2004.

38. In Defence of Standard Welfare Measurement. At the Colloquium for Amartya Sen, Rhodes University, Grahamstown, South Africa, July 2004.

39. In Defense of Standard Welfare Measurement'. To the School of Economics, Georgia Institute of Technology, Atlanta, November 2004.

40. The Economics of the Sub-personal: Two Research Programs. At the Annual Meetings of the American Economics Association, Boston, January 2005.

41. The Principle of Naturalistic Closure. At the Annual Meetings of the Philosophical Society of Southern Africa, Pietermaritzberg, South Africa, January 2005.

42. Behavioral Economics, Neuroeconomics and Problem Gambling. At the conference on `Commercial Gambling: Costs and Benefits', Livingstone, Zambia, February 2005.

43. Should Developing Country Governments Seek to be Ethical in International Economic Processes?' At the Annual Meetings of the Eastern Economics Association, New York City, March 2005.

44. The Economic and Evolutionary Basis of Selves. At `Individual Volition and Distributed Cognition: The Second Conference of the Mind and World Working Group', Birmingham, AL, March 2005.

45. Modeling the Evolution of Selves. At Annual Conference on the Philosophy of Science, Dubrovnik, Croatia, April 2005.

46. Poor Countries and Moral Critique of International Economic Institutions. At the 22nd IVR World Congress, Grenada, Spain, May 2005.

47. The Politics of Antiretroviral Access in South Africa. To the Department of Political Studies, London School of Economics, June 2005.

48. List and Pettit on Group Agency and Supervenience. At the 2005 Spindel Conference, University of Memphis, September 2005.

49. Roundtable participant in session on `International Trade and Poverty'. At the Annual Meetings of the American Philosophical Association Pacific Division, Portland, Oregon, March 2006.

50. Why There's No Such Thing as Sex Addiction (and Why It Matters). At the Annual Conference on the Philosophy of Science, Inter-University Centre, Dubrovnik, Croatia, April 2006.

51. Extra-personal, Sub-personal and Personal Dynamics in Economics. At the conference on Issues in the Philosophy of Economics, University of Alabama at Birmingham, May

2006.

52. Extended Reasons, Social Norms and the Multiplicity of Agent Boundaries. At the conference on 'The Extended Mind II', University of Hertfordshire, UK, July 2006.

53. Do Evolutionary-economic Accounts of Norms Imply Quiet Policies? At Workshop on Naturalistic Perspectives on Economic Behavior - Are There Any Normative Correlates?, Max Planck Institute for Economics, Jena, October 2006.

54. Gambling and the Brain. At The Salford Seminar on Gambling Policy and Regulation, London, UK, November 2006.

55. Institutionally Fostered Economic Agents vs. Team Agents. At the Annual Meetings of the American Economics Association, Chicago, January 2007.

56. Economic Models of Impulsivity. At conference on What is Addiction?, University of Alabama at Birmingham, May 2007.

57. Narrated Selves as Coordinating Equilibria in Social Games. At conference on Narrative Alternatives to Theory of Mind, University of Hertfordshire, UK, July 2007.

58. Neuroeconomics: What is it? Why are we doing it? At conference on Frontiers of Psychiatry, University of Stellenbosch (South Africa), August 2007.

59. Picoeconomics and Neuroeconomics. A Case Study of their Interaction. To the Department of Economics, University of Stellenbosch (South Africa), August 2007.

60. Economics of Road Surface Choice in the Context of 'Infrastructure for Development'. With K. Field, at the 9th Conference on Asphalt Pavements in Southern Africa, Gaborone, Botswana, September 2007.

61. Lionel Robbins and Broad Positivism: All the Philosophy an Economist Needs. At Conference on the 75th Anniversary of Lionel Robbins's *Essay on the Nature and Significance of Economic Science*, London School of Economics, November 2007.

62. Non-domesticating Metaphysics. At conference on 'La science, un modèle pour la métaphysique?', Université de Paris 1, November 2007.

63. Syndrome Stabilization in Psychiatry: Pathological Gambling as a Case Study. At Roundtable on Philosophy and Medicine, University of Alabama at Birmingham, March 2008.

64. Re-framing Problem and Pathological Gambling: The New Evidence. At Salford Seminar on 'The Commercial Gambling Industry: What Next?', London, UK, May 2008.

65. Economic Models of Procrastination. At conference, Perspectives on Procrastination, CUNY Graduate School, New York, July 2008.

66. Two Styles of Neuroeconomics. At the Annual Meetings of the International Network for Economic Methodology, Madrid, September 2008.

67. Neuroeconomics as a Genuine Part of Economics. At conference 'Neuroeconomics: Hype or Hope?', Erasmus Institute for Philosophy and Economics, Rotterdam, Netherlands, November 2008.

68. The Neuroeconomics of Addiction. The 2008 Georges Papandreou Lecture, Athens, November 2008.

69. Classical Game Theory, Socialization, and the Rationalization of Conventions. Seminar for the Department of Economics, University of Athens, November 2008.

70. Economic Models of Addiction. To the Department of Economics, University of Central Florida, January 2009.

71. Replies to critics. At 'Author Meets Critics' panel on *Every Thing Must Go*, at the Annual Meetings of the American Philosophical Association Central Division, Chicago, February 2009.

72. The Neuroeconomics of Gambling and Gambling Addiction. Keynote address at the 14th International Conference on Gambling and Risk-Taking, Lake Tahoe, May 2009.

73. Results From the 2008 National Urban Prevalence Study. At the 14th International Conference on Gambling and Risk-Taking, Lake Tahoe, May 2009.

74. Should the Current Financial Crisis Inspire Normative Revision? To the Departments of Economics and Philosophy, University of Utah, November 2009.

75. Before and After Science. At the conference 'Does Naturalism Exclude Metaphysics?', University of Alabama at Birmingham, November 2009. With J. Ladyman.

76. Should the Current Financial Crisis Inspire Normative Revision? At the conference 'New Frontiers in Normative Economics and Policy Advice', Max Planck Institute for Economics, Freiburg, Germany, December 2009.

77. Comments on Bardsley *et al*, *Experimental Economics*. At the Annual Meetings of the American Economic Association, Atlanta, January 2010.

78. Should the Current Financial Crisis Inspire Normative Revision? At the Annual Meetings of the American Economic Association, Atlanta, January 2010.

79. Self-control, Discounting and Reward: Why Picoeconomics is Economics. With G. Ainslie, to the School of Business, Georgia State University, Atlanta, March 2010.

80. Intelligence, Games and Socialization. At the conference for the Oxford Handbook of Philosophy of Social Science, University of Alabama at Birmingham, April 2010.

81. Control of Impulsive and Addictive Choice, Neural Learning, and Ecological Rationality. At the Summer Institute on Bounded Rationality, Max Planck Institute

for Human Development, Berlin, July 2010.

82. Sociality, Strategic Intelligence and Language as a Coevolutionary Vector; Insights from Studies of Equilibrium Learning. At the conference on Language as Social Coordination: An Evolutionary Perspective, University of Warsaw, September 2010.

83. Reward Bundling and Addiction: An Experiment Comparing Smokers and Non-smokers. With A. Hofmeyr, G. Ainslie & R. Charlton, to the School of Business, University of Sydney, November 2010.

84. Designing Microeconomic Experiments in Addiction. With A. Hofmeyr, to the School of Business, University of Sydney, November 2010.

85. The Neuroeconomics of Addiction. To the School of Business, University of Sydney, November 2010.

86. Estranged Parents and a Schizophrenic Child: Conceptions of Choice in Economics, Psychology and Neuroeconomics. At the Annual Meeting of the International Network for Economic Methodology, University of Alabama at Birmingham, November 2010.

87. Disentangling Agent Identities and Consumption Bundles in Dynamic Choices: Motivating Formal Picoeconomics. At the Annual Meetings of the American Economic Association, Denver, January 2011.

88. Agent-forming dynamics and economic methodology. At the conference 'Agency and Risk', Center for Economic Analysis of Risk, Georgia State University, Atlanta, January 2011.

89. The neuroeconomics of addiction. To the Department of Economics, Loyola Marymount University, Los Angeles, April 2011.

90. The evolution of individualistic norms. At the conference, 'Morality and the Cognitive Sciences', University of Latvia, Riga, May 2011.

91. Estranged parents and a schizophrenic child: choice in economics, psychology and neuroeconomics. At workshop, 'Naturalized Philosophy', University of Tartu, Estonia, May 2011.

92. Sociality, strategic intelligence and selfhood: Insights from equilibrium learning studies. Keynote lecture at bi-annual 'Cognitio' conference, Université du Québec à Montréal, July 2011.

93. The evolution and strategic dynamics of individualistic norms. Invited lecture at the 14th Congress of Logic, Methodology and Philosophy of Science, Nancy, France, July 2011.

94. The neuroeconomics of addiction. To the Programme in Neurophilosophy, Georgia State University, Atlanta, April 2012.

95. The South African National Longitudinal Study of Gambling Behaviour, at the Alberta Gambling Research Institute 11th Annual Conference, "The Causes of

Problem Gambling", Banff, Canada, April 2012.

96. Inconsistent risky choice in South African community samples. With G. Etheredge, G. Harrison, A. Hofmeyr, H. Kincaid, & D. Munene. At the 21st Annual Meeting of the International Association for Cross-Cultural Psychology, University of Stellenbosch, July 2012.

97. New econometric methods for estimating risk and time preferences based on lottery-choice experiments. With A, Hofmeyr. At the 2012 Annual Convention of the Actuarial Society of South Africa, Cape Town, October 2012.

98. Social foundations of consistent preferences: philosophical and neural learning background, and an experiment on a breakdown. To the Department of Philosophy, Australian National University, Canberra, November 2012.

99. Social foundations of consistent preferences: philosophical and neural learning background, and an experiment on a breakdown. At conference on "Selfhood, self-representation and agency", University of Sydney, November 2012.

100. Social foundations of consistent preferences: philosophical and neural learning background, and an experiment on a breakdown. To the Department of Economics, George Mason University, Washington DC, April 2013.

101. Modality for naturalists. At Workshop on Philosophy of Science, University of Johannesburg, September 2013.

102. Economics and science: Reflections on Leamer's reflections. At the Annual Meetings of the American Economic Association, Philadelphia, January 2014.

103. Gambling behaviour in a Cape Town township. At the CEAR / RUBEN Workshop on the Economics of Gambling and Risk, University of Cape Town, January 2014.

104. Psychological versus economic models of bounded rationality. At First Economic Theory Workshop, Economic Research Southern Africa (ERSA), Cape Town, South Africa, May 2014.

105. Psychological versus economic models of bounded rationality, to the Economic Science Institute, Chapman University, Orange Country CA, May 2014.

106. Economists and phobia about scientism, City University of New York, May 2014.

107. The neglected philosophy of macroeconomics, at conference on New Thinking About Scientific Realism, Cape Town, South Africa, August 2014.

108. Economics as a distinctive province of the life sciences. At the Annual Meetings of the American Economic Association, Boston, January 2015.

109. Keynote address: Modeling aggregations and interactions of boundedly rational agents: Lessons from economics. At the workshop on Agent-Based Models of Bounded Rationality, University of Southern Denmark, May 2015.

110. The neglected philosophy of macroeconomics. At the Empirical Philosophy

Workshop, Victoria University, Wellington, New Zealand, October 2015.

111. The social philosophy of addiction in light of economics. To the PPE Programme staff and student seminar, Australian National University, Canberra, November 2015.

112. Risk preferences, time preferences, and smoking. At the CINCH / CEAR Workshop on Experimental and Behavioral Health Economics, Essen, Germany, December 2015. With G Harrison and A Hofmeyr.

113. Paternalism, externalism about preferences, and heterogeneity of risk attitudes. To the Academy of Finland Centre of Excellence in the Philosophy of the Social Sciences, University of Helsinki, April 2016. With G. Harrison.

114. Establishing sustainable business niches through data harvesting and analysis and individualized customer ecologies. At the 9th Annual Scientific Baltic Business Management Conference, 'Challenges of Business Sustainability in the Digital Age' (keynote plenary). Riga, Latvia, April 2016.

115. Conditional Game Theory's Next Challenges: Teams, Risk, and Heterogeneity. At CEAR Workshop on Conditional Game Theory and Team Reasoning. Rome, Italy, September 2016.

116. Fast and Slow Critiques: Popular Versus Professional Philosophy of Economics. Lecture at the Young Scholars Initiative (YSI) Plenary: Piecing Together a Paradigm. Budapest, Hungary, October 2016.

117. The Neglected Philosophy of Macroeconomics. To the Philosophy Department, University of Bristol, December 2016.

118. Varieties of Paternalism and the Heterogeneity of Utility Structures. With G. Harrison. At the Annual Meetings of the American Economic Association, Chicago, January 2017.

119. The Neglected Philosophy of Macroeconomics. At the Annual Meetings of the Irish Philosophy Club, Donegal, Ireland, February 2017.

120. Addicts and elephants: Two varieties of diminished persons. At the Annual Meetings of the Central Division of the American Philosophical Association, Kansas City, March 2017.

121. Representative agency and plasticity are the same principle from two angles, in brains and in societies. At the Workshop on Distributed Agency, King's College London, June 2017.

122. Why economists are most trustworthy when the general public isn't watching. At conference 'When Experts Disagree', University College Dublin, Ireland, September 2017.

123. The behavioural welfare project. At workshop on 'Prospect Theory as a Model of Risky Choice: Descriptive and Normative Assessments', University College Cork, Ireland, October 2017.

124. Do people bundle sequences of choices? With G. Ainslie, G. Harrison, M. Lau, A. Schuhr, and J. T. Swarthout. Keynote lecture at the 10th Annual Irish Economics, Psychology and Policy Workshop, Geary Institute, University College Dublin, Ireland, December 2017.

125. Endogenous strategic preference influence in networks, mediated by risk. Plenary talk at conference on 'How Stable are Democracies?', University of Bristol, UK, January 2018.

126. An Economics-Based Road Classification System. With M. Townshend. At the Pavement Preservation and Road Recycling Summit, Nice, France, March 2018.

127. Modelling organizational norms governing strategic choice: Classical versus conditional game theory. At the Behavioral and Experimental Public Choice Workshop, l'Université Catholique de Lille, May 2018.

128. Why economists are most trustworthy when the general public isn't watching. At the 82nd Annual Conference of the Japanese Society for the History of Economic Thought, University of Tokyo, June 2018.

129. Welfare analysis from the intentional stance. At workshop on Estimated Risk Preferences: Power and Normative Considerations,' University of Cape Town, July 2018.

130. Keynote: Pattern reality, causality, and scale relativity: Business cycles as a case study. At Real Patterns Workshop, University of Bristol, October 2018.

131. Economics without preferences? Comments on Sugden's *The Community of Advantage.* At the Annual Meetings of the American Economic Association, Atlanta, USA, January 2019.

132. Economics, social neuroscience, and mindshaping. With Wynn Stirling. At the INSOCSCI Symposium, University of Witten-Herdecke, Germany, February 2019.

133. Behavioural welfare economics and the quantitative intentional stance. With G. Harrison. At workshop, 'Welfare, Preferences, and Risk: Theory, Behavioural Evidence, and Policy,' London School of Economics, UK, June 2019.

134. Preferences, beliefs, and normative behavioural welfare economics. At Workshop on Eliciting Preferences and Beliefs in Development, University of Cape Town, South Africa, July 2019.

135. The welfare evaluation of gambling behaviour: Evidence from the laboratory. With G. Harrison, M. Lau, & J.T. Swarthout. At the joint IAREP / SABE Conference, Dublin, Ireland, September 2019.

136. Economic dentistry and the uses of theory. Keynote at conference "The Soul of Economics", University of Zurich, Switzerland, September 2019.

137. Behavioural welfare economics and the quantitative intentional stance'. With G. Harrison. At workshop, "Prospect Theory as a Model of Risky Choice: Descriptive and Normative Assessments 2". Cork, Ireland, October 2019.

138. The structural richness of beliefs about norms: challenges for empirical estimation.' At the Norms and Behavioral Change Workshop, University of Pennsylvania, October 2019.

139. Addiction research, treatment, and public education: toward an interdisciplinary community of practice. At workshop, "What is Translation? Exploring the Missing Link Between Neuroscience and Psychiatry", Leiden University, Netherlands, November 2019.

140. What is scientific metaphysics about? PHYSIS Online Lectures in Analytic Metaphysics, May 2021.

141. A flexible, sloppy blob. At conference on Alternative Approaches to Metaphysics, Zurich, Switzerland, September 2021.

142. Naturalised versus analytic social ontology. At conference on The Metametaphysics of Social Ontology, Université du Toulouse, January 2022.

143. Real patterns: A review of general issues. At workshop on Real Patterns in Science and Cognition, Santa Fe Institute, February 2022.

144. Economic Agency for Elephants. At Conference on Animal Morality, University of Vienna, February 2023.

145. Behavioural welfare economics and the quantitative intentional stance. At CEAR Workshop on Recent Developments in Experimental Research on Risk, Cape Town, March 2023.

146. Public Trust in Economists and Economics. At PERITIA conference on Rethinking Policy: Expertise and Trust, University College Dublin, March 2023.

147. Comments on Erik Angner, *How Economics Can Save the World*. At the 16th Annual Conference of the International Network for Economic Methodology, Ca' Foscari University of Venice, May 2023.

148. The gambling animal, overview. To the research group Rethinking the Serviceability of Economics to Society, University of Helsinki, January 2025.

149. Uncertainty and human evolution. On the Uncertainty Panel, University of Zurich, May 2025.

150. Gender, Confidence, and the Mismeasure of Intelligence, Literacy and Competitiveness, Paris School of Economics, Paris, France, May 2025.

151. Synopsis of *The Gambling Animal*, CEAR workshop on Recent Developments in the Economics of Risk, Stockholm, Sweden, July 2025.

152. Conditional game theory for modelling mindshaping and strategic elements in network sociology. At CEAR workshop on Influence Propagation, Strategic Dynamics, and Preference Change, online, August 2025.

153. Normative influence versus information propagation. At Conference on Normative Kinds, University of Milan, Italy, September 2025.

154. Integrating the economics of networks with quantitative sociology. In podcast series The Philosophy of Science of Decision Making, Portugal, September 2025.

155. Communicating with elephants about quantitative risk. Big Ideas seminar, North Carolina State University, USA, April 2026.

COMMUNITY LECTURES

1. Prospects for the South African Investment Market: Why the Mug is Half-Full. At the Annual Dinner of the Irish - South African Business Club, Cape Town, April 1999.

2. World Economic Integration: Prospects for the Next Ten Years. Invited lecture to the Spoornet Seminar, Centre for Scientific and Industrial Rdeckeesearch, Pretoria, South Africa, February 2001.

3. Evolutionary Psychology and Consciousness. University of Cape Town Summer Lecture Series, January 2002.

4. How Important is it that the Mind Evolved? Lecture to the Royal Society of South Africa, Cape Town, March 2002.

5. Beyond Socialism and Capitalism: Unconditional Income, Freedom Maximization and the Southern African Context. Invited public lecture, University of Natal - Durban, October 2002.

6. Strategic Interactions Among Cultures. University of Cape Town Summer Lecture Series, January 2003.

7. Escaping the Tyranny of Obsolete Political Labels. Lecture to the Annual Seminar of the South African Free Market Foundation, Cape Town, October 2003.

8. Investment Decisions and the Brain. Investec Lecture Series, Cape Town, South Africa, July 2004.

9. What can Biology Tell Us about Race and Racism? Lecture at Donaldson Penitentiary, Alabama, December 2004.

10. 2005 Global Economic Politics and the Outlook for South Africa. Public lecture, Cape Town Club, July 2005.

11. Why Did People Evolve Selves and Personalities? New Horizons Lecture, University of Alabama at Birmingham, March 2006.

12. The 2008 American Presidential Election: Implications for South Africa. Public lecture, Cape Town Club, May 2008.

13. The Neuroeconomics of Addiction. To the staff of the Kenilworth Clinic for Substance Abuse, Cape Town, September 2009.

14. The Six Main Challenges for South Africa's Next Generation of Leaders. To the Head Office staff of Proctor & Gamble South Africa, Johannesburg, November 2010.

15. Neuroeconomics for Mass Communicators. The Actuate Lecture, Johannesburg, South Africa, June 2012.

16. Economic Experiments with Elephants. Kinsale Group, February 2020.

17. A case study on economists' use of big data: Understanding the gender wage gap in the US. At the INET / IMEM Young Researchers Workshop, Venice, May 2023.