

DR. MICHAEL D'ROSARIO

AI LEADERSHIP | EXECUTIVE EDUCATION | RESEARCH

+61 402 034 390 | michael.drosario@outlook.com | Melbourne, Victoria | [LinkedIn](#)

CAREER SUMMARY

I am an experienced innovation sector and academic sector leader, educator, with over 20 years of leadership in IT consulting, ModelOps, Executive Education Course Design, and course coordination, across leading institutions including the University of Adelaide, Deakin University, the University of Oxford and the University of Melbourne. I have led the development and delivery of MBA and postgraduate programs in strategy, economics, leadership, AI and quantitative research methods, achieving consistent top-tier student satisfaction and SELTS scores. My career spans research program leadership in think tanks, applied policy environments, and interdisciplinary teams, with a strong focus on social impact, risk mitigation, and evidence-informed governance. I integrate rigorous data science, policy expertise, and trauma-informed approaches into curriculum design and program evaluation. With a PhD in Innovation Management/Econometrics, I bring a track record of practical/real world innovation in EdTech, WellTech, Intelligent automation, Model selection and deployment, digital learning, stakeholder engagement, and curriculum transformation. This is underpinned by a commitment to real-world impact and inclusive, globally relevant business education.

EDUCATION AND PROFESSIONAL DEVELOPMENT

Bachelor of Commerce (Hons)	Deakin University	Economics
Master of Arts (Hons)	University of Melbourne	Philosophy & International Justice
Graduate Certificate	Deakin University	Higher Education
Graduate Certificate	Deakin University	Community Development
PhD	Deakin University	Innovation Policy
Post Doctoral Fellowship	Central Queensland University	Equity, Research and Evaluation
Professional Diploma	Swinburne University	Sustainable Enterprise
Asialink Leadership Program	University of Melbourne	Asia Leaders / Asia Institute

CAREER ACHIEVEMENTS

- Led design and delivery of MBA and Executive Education subjects including Managerial Economics, Strategic Alignment, Leadership and Influencing, Entrepreneurial Mindset, and Generative AI in Business. Delivered three Executive education programs for Oxford University (Smith School, Said Business School, Worcester College).
- Designed Executive Education programs for CPA Australia, University of Adelaide, and DeakinCo, spanning topics such as GRI, SDGs, performance metrics, and innovation management. Over 15 years of academic teaching, course leadership, and curriculum design experience across the University of Adelaide, Deakin University, and the University of Melbourne.
- Recipient of the Deakin University Teaching Exemplar Award. University of Adelaide Best Educator (Business) Award, 2023, 2024 and 2025. 100% SELTS score in the most recent Research Methods course delivery at the University of Adelaide.
- Unit Chair and Course Coordinator for postgraduate programs in finance, economics, and research methods, including key MBA/MIF subjects at Deakin University. Developed and led equity-focused education initiatives, including the Students with Untapped Potential program and Pathways program for refugee and CALD learners.
- Awarded the Alfred Deakin Medal (University Medal) for academic excellence, and multiple fellowships including the C.K. Prahalad Fellowship (Loyola University), Asialink Fellowship (University of Melbourne), and the Ian Potter and Sidney Myer Scholarships.
- Authored over 30 peer-reviewed and industry-sponsored research outputs, including publications in ABDC A-ranked and Q1 journals. Contributor to 25+ government submissions on education, innovation, digital economy, and social policy.

CAREER HIGHLIGHTS

Academic Leadership and Teaching

- Tertiary Sector Leadership – 15+ years of lecturing and course administration at Deakin, Melbourne, Adelaide.
- Lecturer of the Year (2023 and 2024), Teaching excellence awardee; achieved 100% SELTS and top student approval scores in Research Methods.
- Course Chair – Led Ethics & Sustainability in Financial Services at Deakin; taught Philosophy, Politics, and Economics at Melbourne.
- Subject Matter Expert – Served in policy, quantitative, and ESG courses for multiple universities and professional bodies (CPA Australia, ICB Australia, University of Melbourne, University of Oxford).

Policy, Economic Analysis, and Evaluation

- LLM risk for children and the vulnerable – Leading research program examining the risk of exploitation and abuse posted by LLMs and agentic AI solutions in social engineering and personal exploitation situations.
- NDIS Evaluation – Conducted evaluation for NDS and market studies in the care economy.
- Director of Econometric Research/Chief Economist – Directed economic policy, evaluation, and research programs for Our Community House, Minderoo Foundation, V&F Housing Foundation, HireUp, CyberCX.
- Lead Researcher – Managed major economics and evaluation projects for Deaf Connect/Deaf Australia, NDS, VALS, NATSILS.
- Regional Economics – Analysed banking sector withdrawal impacts and regional inequality.
- BCCM (Mutuals/Coops) – Researched business model diversity and regional development using machine learning and parametric analysis.
- Care Economy and Housing Strategy Engagement – Led research for government stakeholders.

AI, Technology, and Systems Design

- Developed AI risk models and frameworks for Per Capita, QCDFVR, Community Broadcasting Foundation and Central Queensland University.
- RoboDebt Evaluation – Assessed debt automation and AI systems impacts, publishing early research on mental harm impacts, systems outcomes, and error rates.
- AI risk evaluation platform and toolkits – Developed toolkits for industry to manage AI risk exposures currently deploying model diagnostic testing platforms to identify Frontier Model risks.
- SME / Co-author (Oxford University) – AI in Business, Algorithms Around Us: Designed course materials and assessments with a focus on AI digital transformation.
- AI systems design and deployment – Created AI-based systems for litigation analysis, ergonomic decision support, complex risk evaluation, and cohort/entity analysis in mining (for Deakin, Centr, Swivel, and Transparency International respectively).
- Platform Delivery – Implemented automation and BI tools (PowerBI, PowerAutomate, PowerVA) for process improvement and reporting at VALS, Boundless and CQUniversity.
- Platform Development – Designed and developed the Australian Inequality Index and data visualisation platforms for multiple organisations.

Social Impact and Community Engagement

- Singtel FutureMaker Award & AntiPoverty Prize Awardee – Recognised for technology projects supporting education, refugees, and poverty alleviation.
- Refugee Engagement – Convened Pathways program for refugee and migrant children.
- Youth Education Advisor – Advised on vocational education and teacher training evaluation.

- Australian Youth Ambassador/In-Country Advisor and Researcher – Worked in India and Vietnam with rural universities and NFPs.
- Social Impact Projects – Delivered evaluations and benefits modelling projects capturing non-traditional costs such as mental harm and reduced participation.
- Schools Research – Led studies on rural teacher shortages and hygiene poverty impacts on students.

PROFESSIONAL EXPERIENCE

Program Facilitator (P/T) | University of Oxford (Remote/Global) (May 2024 – Present)

- Lead program design and delivery in AI in Business, an intensive executive education program developed in partnership with Worcester College, University of Oxford. Lead interactive sessions on Ethical AI in Business, Data Science and Secure AI applications supporting participants to apply concepts to real-world challenges. Provide guidance to executive leaders on AI risks, including risks to vulnerable groups, parents and children.
- Lead the program in Sustainable Business, working with senior executives and corporate leaders around the world, to understand how changing work practices and AI innovation will impact sustainable production.
- Provide strategic and ethical guidance on AI use in industry working with members of foreign governments, banks, and civic sector organisations.

Program Coordinator - MBA (P/T) | University of Adelaide (July 2022 – Present)

- Deliver and design curriculum in economics, strategic alignment, health management, systems thinking (incorporating social systems, technology and AI risk), and research methods (incorporating Big Data approaches, and qualitative research), achieving top student evaluation scores.
- Achieved the highest course evaluation results within all academic programs, 2023, 2024 and 2025.
- Coordinate course approval, student engagement activities and course unit coordinators and tutors, as well as supporting continuous improvement activities, including communities of practice.
- Enhance student engagement through innovative teaching methods and integration of executive education elements.

Director of the Centre for Innovation, Industry and Ethical AI (From 15 June 2026)

Director of Econometrics and Analysis | Per Capita Australia (Jan 2024 – Present)

Chief Economist/Head of Data Science | Per Capita Australia (July 2020 – Jan 2024)

- Leading the establishment of the Centre of Innovation, Industry and Ethical AI, with members of the Australian government's AI Council, to secure AI futures that drive innovation and industrial productivity.
- Leading research exploring the harm potential of AI for children and vulnerable peoples, examining image based exploitation, coercion, and social engineering threats, spanning technical, privacy and exploitation risks.
- Expanded the quantitative and qualitative research programs four-fold, leading interdisciplinary teams in economics, social policy, and technology risk. Drive social media engagement and campaign design.

- Produced high-impact government submissions, influencing national policy on energy, inequality, care economy, and civic systems.

Let major research programs in Health (NDIS, Social and Economic Costs of Alcohol Advertising, Societal impacts of Gambling, Twin Birth challenges), Innovation and Productivity (Skills shortages in ICT), Cyber Security Policy (Sector Investment, skill advancement, AI Risk), Housing (Atypical borrowers, Financial exclusion, Alternative models) and Inequality (Australian Inequality Index, NFP mapping and analysis).

Senior Research Fellow (P/T) | QCDFVR, CQUniversity (Oct 2025 - Present)

- Work within the *Queensland Centre for Domestic and Family Violence Research* as a Senior Research Fellow on a part time basis. Serve as an advisor to Mitsubishi and BHP on the use of technology to improve staff retention and promote STEM to women within rural, remote and regional communities.
- Building risk models to analyse patterns of risk employing hybrid AI/Parametric models
- Examining the emergent risks to families and emergent domestic violence risks arising from contemporary platform technologies. Leading the development of heatmaps and service mapping solutions, employing GIS tools and data science methods. Conducting research into services availability and service needs analysis.
- Developing research examining the complex comorbidities associated with family and domestic violence to inform program design.

Senior Research Fellow (MERL) (P/T) | CREATE, CQUniversity (Dec 2023 – Oct 2025)

- Lead research, program impact evaluation and program development across student equity interventions. Lead economic and management program measurement and evaluation, with a focus on impactful, data-driven measurement and outcomes.
- Support leadership capacity-building through executive education initiatives.

Principal Advisor (ModelOps) | Transparency International (May 2024 – July 2024)
(Consulting contract)

- Designed and deployed logic models, analytical models and governance research as well as the build of the expert systems, and AI tools to support responsible mining, with a particular focus on mining sector reporting and evaluation tools, aligned with international standards. Developed the Responsible Mining Tool (Version 2), implementing report generation and complex expert logic. Worked with international stakeholders to garner key information.
- Led stakeholder engagement with global mining leaders to enhance platform outputs and personalisation.

Co-Author & Subject Matter Expert | University of Oxford (Dec 2023 – Apr 2024)

- Co-developed ethical AI business curriculum and practical guides, integrating ethical design and safeguarding, operational, and sector-specific insights.
- Delivered workshops and sector analyses to identify trends and innovation opportunities.

- Manager – Policy & Research** | **Clean Energy Investor Group** (Sept 2023 – Mar 2024)
(Consulting contract)
- Led quantitative and policy research on energy storage, disclosure standards, and investment frameworks. Managed key relationships with government; was an invitee to Treasurer’s roundtables.
 - Developed economic models and policy recommendations to support clean energy transition.
- Research & Policy Lead** | **Teach for Australia** (Jan 2023 – Sept 2023)
- Designed and implemented program evaluations to assess teaching methods in underserved communities. Liaised with key internal and external stakeholders.
 - Produced evidence-based policy recommendations aligned with national education goals.
- Principal, Research & Evaluations** | **Economic Evaluation Australia** (June 2019 – June 2023)
- Directed multi-sector evaluations on poverty, mental health, and economic policy, integrating ethical AI reviews.
 - Delivered actionable insights for government and NFP clients to improve social outcomes.
- Data, Policy & Research Advisor** | **Victorian Aboriginal Legal Service** (June 2019 – Dec 2021)
- Led data-driven advocacy on place-based justice models, securing government support for regional hubs. Managed key stakeholder and reporting relationships, with agencies and media organisations, while serving as a spokesperson in the absence of CEO availability, and or economic matters.
 - Developed policy briefs influencing legal service delivery for First Peoples communities.
- Research Lead** | **Deakin University** (Mar 2012 – Oct 2019)
Lecturer & Course Chair | **Deakin University** (Mar 2007 – Oct 2019)
- Delivered MBA and MIF courses in finance, research methods, and sustainable financial services, achieving University Teaching Exemplar Award recognition.
 - Led policy-focused research on rural/regional banking withdrawal impacts, low service access, and economic development, engaging with national and rural media.
 - Chaired curriculum development for Ethics in Financial Services and contributed to peer-reviewed publications and book chapters in law, economics, and digital service delivery.
- Managing Editor** | **Institute of Certified Bookkeepers** (Feb 2018 – Nov 2019)
Project Lead & Advisor to the CEO | **Institute of Certified Bookkeepers** (Mar 2019 – Nov 2019)
- Enhanced organisational data analytics, stakeholder engagement surveys, and reporting, increasing operational efficiency.
 - Developed partner engagement documentation and managed technical publications to improve member knowledge and accessibility of industry information.

Policy Advisor (ESG/GRI/IR)	 CPA Australia	(2014 – 2020)
Subject Matter Expert (ESG/GRI/IR)	 CPA Australia	(2014 – 2020)
(Ongoing Advisory Contract)		

- Developed strategic ESG policy frameworks aligned to GRI and IR principles for executive education.
- Designed and led workshops for finance professionals, increasing proficiency in sustainability reporting standards.
- Authored whitepapers and research influencing corporate reporting practices and policy positions.

Prior Project Advisory and Consulting Roles *(Various Dates)*

Economic Policy Advisor | NATSILS

Provided economic modelling for Close the Gap justice targets, informed legal service funding models, and supported Coalition of Peaks negotiations.

• **Econometrics Advisor | Centr | EURid**

Provided econometric research and advisory services to the coalition of European domain registry agencies pertaining to the future of domain usage and the internet.

• **Project & Economic Advisory Roles**

Ford Motor Company of Australia (Corporate/Operations Management)

PricewaterhouseCoopers (Management Consulting and Advisory Services)

KordaMentha (Performance management and Turnaround Consulting)

University of Melbourne Graduate School (Research Management)

University of Melbourne (Lecturer/Faculty of Arts)

KEY SKILLS & CAPABILITIES

- Research Management | Stakeholder engagement | Research leadership | Project coordination | Evidence based policy | Science Communication | Project planning | Government relations | Communications Management
- Mixed methods analysis expert | Statistical coding & modelling | STATA, R & SPSS | Machine Learning | ModelOps | Ethical AI expert | Research and MERL methods expert

RELEVANT POLICY AND RESEARCH PUBLICATIONS

Algorithmic and quantitative work

- D'Rosario, Michael 2017, Australian Government Fiscal Stimulus Programs and Gambling Activity Levels: An Analysis of High-Ethnic and Low-Ethnic Communities, Journal of Gambling Business and Economics, vol. 11, no. 1, pp. 24-34, doi: 10.5750/jgbe.v11i1.1346.
- D'Rosario, Michael and Zeleznikow, John 2018, Compliance with International Soft Law: Is the Adoption of Soft Law Predictable?, International Journal of Strategic Decision Sciences, vol. 9, no. 3, Jul-Sep, pp. 1-15, doi: 10.4018/IJSDS.2018070101.
- D'Rosario, Michael 2017, Determining Appropriate Damages for Patent Infringement: An Alternative Approach, Theoretical Economics Letters, vol. 7, no. 3, pp. 295-315, doi: 10.4236/tel.2017.73023.
- D'Rosario, Michael 2018, Intellectual Property Regulation and Software Piracy: A Dynamic Approach, Review of Economic Research on Copyright Issues (RERCI), vol. 15, no. 1, pp. 38-64.

- D'Rosario, Michael 2017, The Regulation of All Pay Auctions: Is There Need for Greater Regulation of Online Auctioneers?, *Theoretical Economics Letters*, vol. 7, no. 5, pp. 1201-1222, doi: 10.4236/tel.2017.75081.
- D'Rosario, Michael 2017, Technology Access and Research Prolificacy: An Econometric Analysis. In Tossy, Titus (ed), *Information Technology Integration for Socio-Economic Development*, IGI Global, Hershey, Pa., pp. 320-331, doi: 10.4018/978-1-5225-0539-6.ch013.
- Narayan, Paresh Kumar, Narayan, Seema, Popp, Stephan and D'Rosario, Michael 2011, Share Price Clustering in Mexico, *International Review of Financial Analysis*, vol. 20, no. 2, pp. 113-119, doi: 10.1016/j.irfa.2011.02.003.

Machine Learning and Artificial Intelligence focused work

- D'Rosario, M., (2026) Artificial Intelligence, Coercive Control, and Foreseeable Risk in Domestic and Family Violence Contexts, QCQDVR Paper
- D'Rosario, M., (2025) AI's Next Safety Test: looking beyond performative protections, Per Capita Australia Discussion Paper
- D'Rosario, M., & Falzon, J. (2023). Robodebt Notices and the Intensification of Distress in the Unemployed: An Exploratory Analysis. *Per Capita*.
- D'Rosario, M., & D'Rosario, C. (2020). Beyond RoboDebt: The Future of Robotic Process Automation. *International Journal of Strategic Decision Sciences (IJSDS)*, 11(2), 1-24.
- D'Rosario, Michael 2016, Intellectual Property Regulation, and Software Piracy: A Predictive Model, *International Journal of Strategic Decision Sciences (IJSDS)*, vol. 7, no. 4, pp. 21-34, doi: 10.4018/IJSDS.2016100102.
- D'Rosario, Michael and Hsieh, Calvin 2018, Predicting Credit Rating Migration Employing Neural Network Models, *International Journal of Strategic Decision Sciences*, vol. 9, no. 4, Oct-Dec, pp. 70-85, doi: 10.4018/IJSDS.2018100105.
- D'Rosario, Michael 2017, Fair Use Defenses During Copyright Litigation: Is the Success of a Fair Use Defense Strategy Predictable?, *International Journal of Strategic Decision Sciences*, vol. 8, no. 2, pp. 1-21, doi: 10.4018/IJSDS.2017040103.
- D'Rosario, Michael 2017, The Impact of Legal Advocacy Experience within the US Supreme Court on Trial Decision Outcomes, *International Journal of Strategic Decision Sciences*, vol. 8, no. 1, pp. 65-76, doi: 10.4018/IJSDS.2017010105.

NFP and Government Research

- D'Rosario, M., 2023, Multiples Matter: Examining the Impact of Multiple Births on Australian Families, *Per Capita*.
- D'Rosario, M., 2023, Not a One Stop Shop: Examining the Critical Importance of Tier 2 within the NDIS.
- D'Rosario, M., 2022, Benefits of Auslan in Early Intervention, Deaf Connect/Deaf Australia, *Per Capita*.
- D'Rosario, M., 2022, The Costs of Hearing Loss, Deaf Connect & Deaf Australia.
- Per Capita., 2022, Housing Affordability in Australia, V & F Enterprise Housing Foundation.
- D'Rosario, M., 2022, False Economy: The Economic Benefits of the NDIS, NDS.

Qualitative research

- D'Rosario, Michael 2018, Promoting Indigenous Financial Inclusion: Improving ICT Access within Rural Australia, *International Journal of Information Systems and Social Change*, vol. 9, no. 2
- Mendelson, Danuta, Torre, Andrew and D'Rosario, Michael 2010, Economic Impact of Wicks v State Rail Authority (NSW) (2010) 84 ALJR 497, *Journal of Law and Medicine*, vol. 18, no. 2, pp. 221-238.
- D'Rosario, Michael, Torre, Andrew, Mendelson, Danuta and Griggs, Lynden 2011, Software Developer Policies: Economics and s.46 of the Competition and Consumer Act 2010, *Journal of Law, Information and Science*, vol. 21, no. 1, pp. 1-25.
- D'Rosario, M. (2025). Urbanisation. In E. W. Morrison (Ed.), *Elgar encyclopedia of city and place branding* (pp. 450–453). Edward Elgar Publishing.
- D'Rosario, M. (2025). Metropolization. In E. W. Morrison (Ed.), *Elgar encyclopedia of city and place branding* (pp. 247–253). Edward Elgar Publishing.
- D'Rosario, Michael 2017, The Impact of Intellectual Property Reforms on ASEAN Member Countries. In Christiansen, Bryan and Koc, Gulsah (ed), *Transcontinental Strategies for Industrial Development and Economic Growth*, IGI Global, Hershey, Pa., pp. 121-131, doi: 10.4018/978-1-5225-2160-0.ch007.
- D'Rosario, Michael, Busary, Aaron and Raval, Kairav 2016, The Permissibility of Crowd Funding within South Asia: A Comparative Analysis of South Asian Jurisdictions, Financial Market Regulations and Legal Challenges in South Asia, IGI Global, Hershey, Pa., pp. 81-95, doi: 10.4018/978-1-5225-0004-9.ch005.

Other Technical Research Submissions

- D'Rosario, M. (2023). Upskilling and Expanding the Australian Cyber Security Workforce. CyberCX.
- D'Rosario, M. (2024, February 8). Response to Commonwealth Treasury on Climate-related Financial Disclosure. Clean Energy Investor Group.
- D'Rosario, M. (2023, February 8). Response to AEMC on Accommodating Financeability. Clean Energy Investor Group.
- D'Rosario, M. (2023, March 8). Response to AASB on Australian Sustainability Reporting Standards. Clean Energy Investor Group.

REFEREES

Referees are available upon request