# **PROFESSOR MARIANA MAZZUCATO**

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## **HIGHER EDUCATION**

1999	PhD. Economics, New School for Social Research, NY
1994	Masters in Economics, New School for Social Research, NY
1990	Bachelor of Arts, History/International Relations, Tufts University, Boston

## ACADEMIC APPOINTMENTS

2017-	Professor in Economics of Innovation and Public Value, University College London
2011-2017	RM Phillips Professor in Economics of Innovation, SPRU, University of Sussex
2005-2011	Professor of Economics (Chair in Economics of Innovation), The Open University
2010-2013	Distinguished Visiting Professor, University of Edinburgh, Scotland
2008-2010	Visiting Professor, Bocconi University, Milan, Italy
2003-2004	Senior Lecturer, Economics, The Open University
1999-2002	Lecturer, Economics, The Open University
1998-1999	Post-Doctoral Marie Curie (EC) Research Fellow, London Business School, UK
1997-1999	Assistant Professor (tenure track), Economics, University of Denver, CO
1995-1997	Adjunct Professor, Economics, New York University, NY

## HONORARY DEGREES (Doctor Honoris Causa)

Open University of Catalonia (Oberta de Catalunya, UOC), 2021 Simon Fraser University, Canada, 2020 York University, UK, 2020 Hasselt University, Belgium, 2017 National University of San Martín, Argentina, 2016

## **RESEARCH MANAGEMENT**

- 2017- Director and Founder, Institute for Innovation and Public Purpose, University College London <u>https://www.ucl.ac.uk/bartlett/public-purpose</u>
- 2010-2012 Economics Director, ESRC Centre for Social and Economic Research on Innovation in Genomics (INNOGEN), <u>www.genomicsnetwork.ac.uk/innogen</u>
- 2009-2012 Coordinator of European Commission FP7 Collaborative Project on Finance, Innovation and Growth (FINNOV)
- 2004-2009 Founder and Director, Innovation, Knowledge and Development (IKD), inter-faculty research centre, The Open University, <u>www.open.ac.uk/ikd</u>
- 2004-2008 Director of Research, Department of Economics, The Open University

## PUBLICATIONS

## Books

- Mazzucato, M. (2021) Mission Economy: a moonshot guide to changing capitalism, Penguin, Allen Lane-Penguin, London, <u>https://www.penguin.co.uk/books/315191/mission-economy</u> (Harper Collins, USA) and translated into Italian (Laterza), Dutch (Nieuw Amsterdam), Norwegian (Res Publica, April 2021), German (Campus, May 19th), Spanish (Taurus), Greek (Epikentro, June/July 2021), French (Fayard, Autumn 2021), Finnish (Terra Cognita, March 2022); forthcoming in Brazil (Companhia das Letras), Japan (NewsPicks), Poland (Heterodox), Portugal (Bertrand), Serbia (Nova knjiga), Slovenia (UMco), Sweden (Verbal, May 2021), Turkey (Koc).
- Mazzucato, M. (2020), Non sprechiamo questa crisi, Laterza, Rome, Italy, ISBN 9788858142875, https://www.laterza.it/scheda-libro/?isbn=9788858142875
- Mazzucato, M. (2018) *The Value of Everything: making and taking in the global economy*, Penguin, Allen Lane-Penguin, London, ISBN: 978-0-241-1888-1, US edition (Public Affairs) and translated into Italian (Laterza), Spanish (Taurus), Dutch (Nieuw Amsterdam), Portuguese (Temas E Debates), Germany (Campus).

Jacobs, M. and Mazzucato, M. (Eds.) (2016), Rethinking Capitalism: Economics and Policy for

Sustainable and Inclusive Growth, Wiley-Blackwell, London, ISBN: 978-1-119-12095-7

Mazzucato, M. (2013), *The Entrepreneurial State: debunking public vs. private sector myths*, Anthem Press: London, UK, ISBN 9780857282521, US edition (Public Affairs) and translated into Italian (Laterza), German (Kunstmann), Spanish (RBA Books), Portuguese (Companhia Das Letras), Dutch (Nieuw Amsterdam), Greek (Kritiki), and forthcoming in Chinese, Japanese, Korean, and Polish.

Mazzucato, M., Lowe, J., Shipman, A. and Trigg, A. (2010), *Personal Investment: financial planning in an uncertain world*, Palgrave Macmillan: Basingstoke, UK, ISBN 978-0-230-24660-7:1-448

Mazzucato, M. and Dosi, G. (Eds.) (2006), *Knowledge Accumulation and Industry Evolution: pharmabiotech,* Cambridge University Press: Cambridge, UK, ISBN 0-521-85822-4: 1-446

Mazzucato, M. (Ed.) (2002), Strategy for Business, a Reader, Sage Publications: London, UK, ISBN 0-7619-7413-X: 1-378

Mazzucato, M. (2000), Firm Size, Innovation and Market Structure: the evolution of market concentration and instability, Edward Elgar: Northampton, MA, USA, ISBN 1-84064-346-3: 1-138

## Journal articles (peer reviewed)

Mazzucato, M., & Li, H. L. (2021). "A Market Shaping Approach for the Biopharmaceutical Industry: Governing Innovation Towards the Public Interest". *Journal of Law, Medicine & Ethics*, 49(1), 39– 49. <u>https://doi.org/10.1017/jme.2021.8</u>

Deleidi, M. and Mazzucato, M. (2021), "Directed innovation policies and the supermultiplier: An empirical assessment of mission-oriented policies in the US economy." *Research Policy*, 50(2). <u>https://doi.org/10.1016/j.respol.2020.104151</u>

Mazzucato, M. and Kattel, R. (2020), "Covid19 and Public Sector Capacity." Oxford Review of Economic Policy, graa031, <u>https://doi.org/10.1093/oxrep/graa031</u>

Laplane, A. and Mazzucato, M. (2020), "Socializing the risks and rewards of public investments: Economic, policy, and legal issues." *Research Policy*, 49. https://doi.org/10.1016/i.repolx.2020.100008

Deleidi, M., Mazzucato, M., & Semieniuk, G. (2020). "Neither crowding in nor out: Public direct investment mobilising private investment into renewable electricity projects". *Energy Policy*, 111195. <u>https://doi.org/10.1016/j.enpol.2019.111195</u> (working paper <u>version</u>)

Lamperti, F., Mazzucato, M., Roventini, A., & Semieniuk, G. (2019). "The green transition: public policy, finance and the role of the State". *Vierteljahrshefte zur Wirtschaftsforschung/Quarterly Journal of Economic Research*, 88(2), 73-88. <u>https://doi.org/10.3790/vjh.88.2.73</u>

Mazzucato, M., Kattel, R., & Ryan-Collins, J. (2019). "Challenge-Driven Innovation Policy: Towards a New Policy Toolkit". *Journal of Industry, Competition and Trade*, 20, 421–437. <u>https://doi.org/10.1007/s10842-019-00329-w</u>

Deleidi, M., & Mazzucato, M. (2019). "Putting austerity to bed: Technical progress, aggregate demand and the supermultiplier", *Review of Political Economy*, 31(3), 315-335. <u>https://doi.org/10.1080/09538259.2019.1687146</u> (WP version <u>https://www.ucl.ac.uk/bartlett/publicpurpose/publications/2018/jan/putting-austerity-bed-technical-progress-aggregate-demand-andsupermultiplier</u>)

Robinson, D. K., & Mazzucato, M. (2019). The evolution of mission-oriented policies: Exploring changing market creating policies in the US and European space sector. *Research Policy*, 48(4), 936-948. <u>https://www.sciencedirect.com/science/article/pii/S0048733318302373?via%3Dihub</u>

Sachs, J.D, Schmidt-Traub, G., Mazzucato, M., Messner, D, Nakicenovic, and N., Rockström, J. (2019) "Six Transformations to Achieve the Sustainable Development Goals", *Nature Sustainability* (Sept. 2019). <u>https://www.nature.com/articles/s41893-019-0352-9.pdf?proof=trueMay</u>

Mazzucato, M., and Roy, V. (2018). "Rethinking value in health innovation: from mystifications towards prescriptions". *Journal of Economic Policy Reform*, 1-19. https://doi.org/10.1080/17487870.2018.1509712

Mazzucato, M. (2018), "Mission Oriented Innovation Policy: Challenges and Opportunities", Industrial and Corporate Change, 27 (5): 803–815, https://doi.org/10.1093/icc/dty034

Kattel, R. and Mazzucato, M. (2018). "Mission-oriented innovation policy and dynamic capabilities in the public sector", Industrial and Corporate Change, 27 (5): 787-801, <u>https://doi.org/10.1093/icc/dty032 (WP version https://www.ucl.ac.uk/bartlett/publicpurpose/sites/public-purpose/files/iipp-wp-2018-05.pdf)</u>

Mazzucato, M. and Semieniuk, G (2018) "Financing renewable energy: who is financing what and why it matters", *Technological Forecasting and Social Change*, *127*, 8-22. <u>http://www.sciencedirect.com/science/article/pii/S0040162517306820 (WP version https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files/iipp-wp-2018-04.pdf)</u>

Grilli, L., Mazzucato, M. Meoli, M. and Scellato, G. (2017), "Sowing the seeds of the future: Policies for financing tomorrow's innovations", Introduction to Special Issue in *Technological Forecasting and Social Change*. <u>https://doi.org/10.1016/j.techfore.2017.10.021</u>

- Mazzucato, M. and Robinson, D. (2017) "Co-creating and directing innovation ecosystems: NASA's approach to public-private partnerships in low-Earth orbit ", *Technological Forecasting and Social Change*, <u>https://doi.org/10.1016/j.techfore.2017.03.034</u>
- Mazzucato, M. and Semieniuk, G. (2017) "Public financing of innovation: new questions", Oxford Review of Economic Policy, Volume 33 (1): 24–48. https://academic.oup.com/oxrep/article/33/1/24/2972707
- Mazzucato, M. and Penna, C. (2016) "Beyond market failures: the market creating and shaping roles of state investment banks", *Journal of Economic Policy Reform*, 19(4): 305-326, https://www.tandfonline.com/doi/pdf/10.1080/17487870.2016.1216416
- Mazzucato, M. (2016) "From Market Fixing to Market-Creating: A new framework for innovation policy", Special Issue of *Industry and Innovation:* "Innovation Policy can it make a difference?", 23 (2) <u>https://www.tandfonline.com/doi/full/10.1080/13662716.2016.1146124</u>
- Mazzucato, M. and Parris, S. (2014), "High Growth Firms in Changing Competitive Environments: the US Pharmaceutical industry" *Small Business Economics Journal*, 44(1): 145-170 https://link.springer.com/article/10.1007/s11187-014-9583-3
- Mazzucato, M. (2013) "Debunking the market mechanism: a response to John Kay", Political Quarterly, 84 (4): 444–447
- Mazzucato, M. and Shipman, A. (2014), "Accounting for productive investment and value creation," Industrial and Corporate Change, 23(1): 1-27.
- Lazonick, W., Mazzucato, M., and Tulum, O. (2013) "Apple's Changing Business Model: What Should the World's Richest Company Do with All Those Profits?" *Accounting Forum.* 37: 249-267
- Mazzucato, M. (2013), "Financing innovation: creative destruction vs. destructive creation," in special issue of *Industrial and Corporate Change*, M. Mazzucato (ed.), 22(4): 851-867
- Lazonick, W. and Mazzucato, M. (2013), "The risk-reward nexus in the innovation-inequality relationship: Who takes the risks? Who gets the rewards?," in special issue of *Industrial and Corporate Change*, M. Mazzucato (ed.), 22(4):1093-1128
- Mazzucato, M. and Tancioni, M. (2012), "R&D, patents and stock return volatility," *Journal of Evolutionary Economics*, 22:4: 811-832
- Demirel, P. and Mazzucato, M. (2012), "Innovation and firm growth: is R&D worth it?" *Industry and Innovation*, 19(2)
- Demirel, P. and Mazzucato, M. (2010), "The evolution of firm growth dynamics in the US pharmaceutical industry," *Regional Studies*, 44(8): 1053-1066
- Mazzucato, M. and Tancioni, M. (2008), "Innovation and idiosyncratic risk: an industry and firm level analysis," *Industrial and Corporate Change*, 17(4): 779-811
- Mazzucato, M (2006), "Innovation and Stock Prices," *Revue de L'Observatoire Français de Conjonctures Economiques*," Special Issue on *Industrial Dynamics, Productivity and Growth*
- Mazzucato, M. and Tancioni, M. (2005), "Indices that capture creative destruction: questions and implications," *Revue d'Economie Industrielle*, 110 (2<sup>nd</sup> translation): 199-218
- Mazzucato, M. (2003) "Risk, variety and volatility: innovation, growth and stock prices in old and new industries," *Journal of Evolutionary Economics*, 13(5): 491-512
- Geroski, P. and Mazzucato, M. (2002), "Learning and the sources of corporate growth," *Industrial and Corporate Change*, 11(4): 623-644
- Mazzucato, M. (2002), "The PC industry: new economy or early life-cycle," *Review of Economic Dynamics*, 5:2: 318-345
- Geroski, P. and Mazzucato, M. (2002), "Myopic selection and the learning curve," *Metroeconomica*, 53(2): 181-199
- Mazzucato, M. and Semmler, W. (2002), "The determinants of stock price volatility: an industry study," Nonlinear Dynamics, Psychology, and Life Sciences, 6(2): 230-253
- Mazzucato, M. (2002), "Innovation, organization and economic dynamics," (Review Article) *Journal of Economic Behavior and Organization*, 47:3: 335-341
- Geroski, P. and Mazzucato, M. (2002), "Modelling the dynamics of industry populations," *International Journal of Industrial Organization*, 19(7): 1003-1022
- Mazzucato, M. (2000), "Firm size, innovation, and market share instability: the role of negative feedback and idiosyncratic events," *Advances in Complex Systems*, 3(1-4): 417-431
- Mazzucato, M. and Semmler, W. (1999), "Stock market volatility and market share instability during the US automobile industry life-cycle," *Journal of Evolutionary Economics*, 9(1): 67-96
- Mazzucato, M. (1998), "A computational model of economies of scale and market share instability," Structural Change and Economic Dynamics, 9(1): 55-83

# Articles under peer review

Dosi, D., Lamperti, F., Mazzucato, M., Napoletano, M. and Roventini, A. (2021). "Mission-oriented policies and the "Entrepreneurial State" at work: An agent-based exploration". UCL Institute for Innovation and Public Purpose, Working Paper Series (IIPP WP 2021/10). Available

at: <u>https://www.ucl.ac.uk/bartlett/public-purpose/wp2021-10</u>, under review with *Journal of Economic Behavior & Organization*.

Mazzucato, M., Ryan-Collins, J. and Gouzoulis, G. (2020). "Theorising and Mapping Modern Economic Rents". UCL IIPP Working Paper Series (2020-05). Available at: https://www.ucl.ac.uk/bartlett/public-purpose/wp2020-13, under review with *Industrial and Corporate Change.* 

 Heine, D., Radpour, S., Mazzucato, M., Flaherty, M., Gevorkyan, A. and Semmler, W. (2018)
 "Financing Low-Carbon Transitions through Carbon Pricing and Green Bonds". World Bank Policy Research working paper no. WPS 8991. Available at: <u>http://documents.worldbank.org/curated/en/808771566321852359/Financing-Low-Carbon-</u> Transitions-through-Carbon-Pricing-and-Green-Bonds, under review with *Economic Modelling*.

## Other journal articles (non peer reviewed)

Mazzucato, M. (2018). "Let's make private data into a public good", MIT Technology Review, 121 (4), 74-75. <u>https://www.technologyreview.com/2018/06/27/141776/lets-make-private-data-into-a-public-good/</u>

Mazzucato, M., Li, H. L., & Darzi, A. (2020), "Is it time to nationalise the pharmaceutical industry?", British Medical Journal, 368, i8236 <u>https://www.bmj.com/content/bmj/368/bmj.m769.full</u>

Mazzucato, M. and Torreele, E. (2016), "Fair vaccine pricing please, not random acts of charity", *British Medical Journal*, 355, i6173 <u>http://www.bmj.com/content/355/bmj.i6173.full</u>

Mazzucato, M. (2016), "High cost of new drugs", *British Medical Journal*, 354, i4136 http://www.bmj.com/content/354/bmj.i4136

Mazzucato, M. F. Onida, and Viesti, G. (2016), "Industrial policies in Europe: an introduction", Special Issue of *Journal of Economic Policy, "*Industrial Policies in Europe and other industrial economics: scope, instruments, case studies and critical issues" (Eds, M. Mazzucato, F. Onida, G. Viesti). https://www.rivisteweb.it/doi/10.1429/83963

Mazzucato, M. (2015), "Innovation Systems: From Fixing Market Failures to Creating Markets", Intereconomics, Vol. 50 (3);120-125

Mazzucato, M. (2014) "Costruire lo Stato innovatore: un nuovo quadro per la previsione e la valutazione di politiche economiche che creano (non solo aggiustano) il mercato," in Special Issue *The Entrepreneurial State: A Discussion (Lo Stato innovatore: una discussione), Economia & Lavoro*, 3:(Sept-Dec)

## **Chapters in books**

Mazzucato, M., & Li, H. (2021). "The Entrepreneurial State and Public Options: Socializing Risks and Rewards". In G. Sitaraman & A. Alstott (Eds.), *Politics, Policy, and Public Options* (pp. 20-44). Cambridge: Cambridge University Press. doi:10.1017/9781108767552.003

Hemerijck, A., Mazzucato, M. and Reviglio, E. (2020) "Social Investment and Infrastructure" in C. Saraceno A European Public Investment Outlook, Chapter 7. Eds Cerniglia, F. and Saraceno, F, Open Book Publishers, Cambridge, UK. <u>https://doi.org/10.11647/OBP.0222</u>

Mazzucato, M. and R. Kattel (2020), "Grand Challenges, Industrial Policy and Public Value". In Oqubay, A., Cramer, C., Chang, H-J., and Kozul-Wright, R. (Eds.), *The Oxford Handbook of Industrial Policy*. Oxford: Oxford University Press.

Semieniuk, G. and M. Mazzucato (2019). "Financing Green Growth". In R. Fouquet (ed.) Handbook on Green Growth. Cheltenham: Elgar. <u>https://www.e-elgar.com/shop/handbook-on-green-growth</u>

Mazzucato, M. (2017) "Wealth Creation and the Entrepreneurial State" in *National Wealth: What is Missing and Why it Matters*, Chapter 9. Eds. Hepburn, C. and Hamilton, K, Oxford University Press, Oxford, UK.

Mazzucato, M. and O'Donovan, C. (2016) "The BBC as market shaper and creator" in *Rethinking the BBC: Public media in the 21st Century*, Seth-Smith, N., et. al. (eds.), Commonwealth Publishing. <u>http://commonwealth-publishing.com/shop/rethinking-the-bbc-public-media-in-the-21st-century/</u>

Mazzucato, M. and Wray, L.R. (2016) "(Re) introducing Finance into Evolutionary Economics: Keynes, Schumpeter, Minsky and Financial Fragility" in Schumpeter's Capitalism, Socialism and Democracy: A Twenty First Century Update, Eds. Burlamaqui, L. and Kattel, R. Routledge Studies in History of Economics, Oxford, UK, (WP version <u>http://www.levyinstitute.org/pubs/wp\_837.pdf</u>)

Mazzucato, M. and Jacobs, M. (2016) "Rethinking Capitalism: An Introduction", in *Rethinking Capitalism Economics and Policy for Sustainable and Inclusive Growth*, Chapter 1. Eds Jacobs, M. and Mazzucato, M, Wiley-Blackwell, London, UK <a href="http://media.wiley.com/product\_data/excerpt/50/11191209/1119120950.pdf">http://media.wiley.com/product\_data/excerpt/50/11191209/1119120950.pdf</a>

Mazzucato, M. (2016) "Innovation, the State and Patient Capital", in *Rethinking Capitalism Economics* and Policy for Sustainable and Inclusive Growth, Chapter 6. Eds Jacobs, M. and Mazzucato, M, Wiley-Blackwell, London, UK

- Mazzucato, M. (2016) "Innovation Policy as Creating Markets, Not Only Fixing Them: Implications for Complexity Theory", in *Complexity and Evolution: Toward a New Synthesis for Economics*, eds.
  D. S. Wilson and A. Kirman. Strüngmann Forum Reports, vol. 19, J. Lupp, series editor. MIT Press: Cambridge, MA, USA.
- Mazzucato, M., J. Gowdy, S. Page, J. C. J. M van der Bergh, S.V. der Leeuw and D. Sloan Wilson (2016) "Shaping the evolution of complex societies: an evolutionary approach to economic policy", in *Complexity and Evolution: Toward a New Synthesis for Economics*, Wilson, D. S. and Kirman, A., eds., Strüngmann Forum Reports, vol.19, J. Lupp series editor. MIT Press: Cambridge, MA, USA
- Mazzucato, M. and Perez, C. (2015), "Innovation as Growth Policy," in *The Triple Challenge: Europe in a New Age.* J. Fagerberg, S. Laestadius, and B. Martin (eds.) Oxford University Press: Oxford, SPRU working paper version <u>https://www.sussex.ac.uk/webteam/gateway/file.php?name=2014-13-swps-mazzucato-perez.pdf&site=25</u>
- Mazzucato, M. and Penna, C. (2015) "State investment banks and mission-oriented finance for innovation", in *The Present and the Future of Development Financial Institutions: Theory and History.* Burlamaqui L., Sobreira R., Vianna M. (eds.) Minds: Rio de Janeiro
- Mazzucato, M. (2014), "The Green Entrepreneurial State," in *The Politics Of Green Transformations*. M. Leach, P. Newell and I. Scoones (eds.) STEPS Earthscan Series, Routledge, ISBN: 9781138792906 (WP version <u>https://www.sussex.ac.uk/webteam/gateway/file.php?name=2015-28-swps-mazzucato.pdf&site=25</u>)
- Mazzucato, M. (2014), "Innovation policy: smart and inclusive?" in New Perspectives on Industrial Policy for a Modern Britain. D. Bailey, K. Cowling and P.R. Tomlinson (eds.) Oxford University Press: Oxford, forthcoming, ISBN: 0198706200
- Mazzucato, M. (2013), "Smart and inclusive growth: rethinking the State's role and the risk–reward relationship," in *Innovation studies: evolution and future challenges*. J. Fagerberg, B. Martin, and E. Andersen, (eds.) Oxford University Press: Oxford, ISBN: 0199686351
- Demirel, P. and Mazzucato, M. (2013), "Innovation and financial performance: recent results and questions for future research," in *Finance and innovation*. A. Pyka, (ed.) Springer Publishing: London, ISBN: 9780415696852
- Mazzucato, M. (2010), "Bubbles & Investment Behaviour," in *Personal investment: financial planning in an uncertain world*, M.Mazzucato et al. (eds.) Palgrave Macmillan: Basingstoke, UK. ISBN-13:978-0-230-24660-7: 263-310
- Dosi, G. and Mazzucato, M. (2006), "Knowledge accumulation and industry evolution: an introduction," in *Knowledge accumulation and industry evolution: pharma-biotech*, M. Mazzucato and G. Dosi, (eds.) Cambridge University Press: UK. ISBN 0-521-85822-4: 1-18
- Orsenigo, L., Dosi, G. and Mazzucato, M. (2006), "The dynamics of knowledge accumulation, regulation and appropriability in the pharma-biotech sector: some policy issues," in *Knowledge accumulation and industry evolution: pharma-biotech,* M. Mazzucato and G. Dosi, (eds.) Cambridge University Press: UK, ISBN 0-521-85822-4: 402-431
- Mazzucato, M. (2003), "Risk, variety and volatility: growth innovation and stock prices in early industry evolution," in *Entrepreneurship, the new economy and public policy*, U. Cantner, et al (eds) Springer, NY
- Geroski, P. and Mazzucato, M. (2003), "Advertising and the evolution of market structure in the US car industry," in *Competition, Monopoly and Corporate Governance*, M. Waterson, (ed.) Edward Elgar: Northampton, MA (2003) ISBN 978-3-540-22613-0: 33-55
- Mazzucato, M. (2003), "Information technology: a new era?," in *Economics and economic change*, G. Dawson and M. Mackintosh, (eds.) The Open University, DD202 course text (2003) ISBN 0-7492-5369-X: 21-48.
- Geroski, P. and Mazzucato, M. (2002), "selection and the learning curve," in *Applied evolutionary* economics: new empirical methods and simulation techniques, Edward Elgar: Northampton, MA (2002) ISBN 978-1-84064-847-8: 212-234
- Mazzucato, M. and Semmler, W. (2000), "Market share instability and stock price volatility during the industry life cycle: the US automobile industry," in *Economic evolution, learning and complexity,* S. Klepper (ed.) Physica Verlag: Heidelberg (2000) ISBN 3-798-1275-7: 97-126
- Mazzucato, M. (2000) "Firm size, innovation and market share instability: the role of idiosyncratic events on the feedback between firm size and innovation," in *Applications of simulation to social sciences*, Hermes Science Publishing: Oxford (2000) ISBN 1-903398-04-5: 417-431

# **Working Papers**

Mazzucato, M., Qobo, M. and Kattel, R. (2021) "Building state capacities and dynamic capabilities to drive social and economic development: The case of South Africa", UCL Institute for Innovation and Public Purpose Working Paper Series (IIPP WP 2021/09). https://www.ucl.ac.uk/bartlett/public-purpose/wp2021-09

- Mazzucato, M. and Ryan-Collins, J. (2019). "Putting value creation back into 'public value': From market fixing to market shaping", UCL Institute for Innovation and Public Purpose, Working Paper (IIPP WP 2019-05). <u>https://www.ucl.ac.uk/bartlett/public-purpose/wp2019-05</u>
- Miedzinski, M., Mazzucato, M. and Ekins, P. (2019). "A framework for mission-oriented innovation policy roadmapping for the SDGs", UCL Institute for Innovation and Public Purpose Working Paper (IIPP WP 2019-03) <u>https://www.ucl.ac.uk/bartlett/public-purpose/wp2019-03</u>
- Kattel, R, Mazzucato, M, Ryan-Collins, J., and Sharpe, S. (2018), "The economics of change: Policy and appraisal for missions, market shaping and public purpose", UCL Institute for Innovation and Public Purpose Working Paper, (IIPP WP 2018-06) <u>https://www.ucl.ac.uk/bartlett/publicpurpose/sites/public-purpose/files/iipp-wp-2018-06\_0.pdf</u>

Wirkierman, A.L., Ciarli, T., Mazzucato, M. (2018), "Innovation eco-systems and the Risk-Reward Nexus: an evolutionary account", ISIG Working Paper, (ISIG D4.5) <u>http://www.isigrowth.eu/2018/06/30/innovation-eco-systems-and-the-risk-reward-nexus-an-evolutionary-account/</u>

- Deleidi, M., De Lipsis V., Mazzucato, M., Agnolucci, P. (2018), "Fiscal multipliers: a SVAR approach for the US", UCL Institute for Innovation and Public Purpose Working Paper, forthcoming.
- Mazzucato, M., Macfarlane, L. (2017) "Patient strategic finance: Opportunities for investment-led growth in the UK". UCL Institute for Innovation and Public Purpose Working Paper, (IIPP WP 2017-05) <u>https://www.ucl.ac.uk/bartlett/public-purpose/wp2017-05</u>
- Lamperti. F, Mazzucato, M., Napoletano, M. and Roventini, A. "The entrepreneurial state at work: an agent based exploration", unpublished.
- Mazzucato, M., Wirkierman, A. and Ciarli, T. (2018) "An evolutionary agent-based model of innovation and the risk reward nexus", ISIG working paper. <u>http://www.isigrowth.eu/2018/05/24/an-</u> evolutionary-agent-based-model-of-innovation-and-the-risk-reward-nexus/
- Mazzucato, M. and Penna, C. (2015) "The Rise of Mission-Oriented State Investment Banks: The Cases of Germany's KfW and Brazil's BNDES" SPRU Working Paper Series 2015-26, https://www.sussex.ac.uk/webteam/gateway/file.php?name=2015-26-swps-mazzucatopenna.pdf&site=25
- Mazzucato, M. and Penna, C. (2014) "Picking winners: Theory, practice, and setting the record straight", unpublished working paper.

Mazzucato, M. and Demirel, P. "Fat tailed growth distributions and Industry Structure" working paper.

# Highlighted policy papers and reports

- Mazzucato, M. (2020) "Mission Italia: Investment, Innovation and Imagination", IIPP Policy Report 2020-14 <u>https://www.ucl.ac.uk/bartlett/public-purpose/publications/2020/aug/mission-italia-investment-innovation-and-imagination</u>
- Mazzucato, M. (2019) "Governing Missions in the European Union" Report for the European Commission ISBN SBN 978-92-76-08744-1

https://ec.europa.eu/info/sites/default/files/research and innovation/contact/documents/ec rtd m azzucato-report-issue2 072019.pdf

- UCL Commission on Mission-Oriented Innovation and Industrial Strategy (MOIIS) co-chaired by Mazzucato, M. and Willetts, D. (2019) "A Mission-Oriented UK Industrial Strategy". UCL Institute for Innovation and Public Purpose', *IIPP WP 2019-04*. <u>https://www.ucl.ac.uk/bartlett/public-purpose/wp2019-04</u>
- Mazzucato, M, and Macfarlane, L. (2019) 'A mission-oriented framework for the Scottish National Investment Bank', *IIPP WP 2019-02*. <u>https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files/mission-oriented-framework-for-snib\_final.pdf</u>
- Mazzucato, M. (2018) "Mission-Oriented Research & Innovation in the European Union: A problemsolving approach to fuel innovation-led growth". Report for the European Commission, ISBN 978-92-79-79918-1

https://publications.europa.eu/en/publication-detail/-/publication/5b2811d1-16be-11e8-9253-01aa75ed71a1/language-en

Mazzucato, M. and Penna, C. (2016) "The Brazilian Innovation System: A Mission-Oriented Policy Proposal". Report for the Brazilian Government, commissioned by the Brazilian Ministry for Science, Technology and Innovation through the Centre for Strategic Management and Studies, (06/04/2016). <u>https://www.cgee.org.br/the-brazilian-innovation-system</u>

# Other policy papers and reports

- Mazzucato, M., Kattel, R., Begovic, M. and Quaggiotto, G. (2021). <u>COVID-19 and the Need for</u> <u>Dynamic State Capabilities: An International Comparison</u>. UCL, London.
- Gasperin, S., Dosi, G., Mazzucato, M. and Roventini, A. (2021). Strategic missions and policy opportunities for State-owned enterprises. UCL Institute for Innovation and Public Purpose, Policy Brief series (IIPP PB 15). <u>https://www.ucl.ac.uk/bartlett/public-</u>

purpose/publications/2021/mar/strategic-missions-and-policy-opportunities-state-ownedenterprises

- Kattel, R., Mazzucato, M., Algers, J. and Mikheeva, O. (2021). Norway: A sleeping giant? UCL Institute for Innovation and Public Purpose, Policy Brief series (IIPP PB 13). https://www.ucl.ac.uk/bartlett/public-purpose/publications/2021/mar/norway-sleeping-giant
- Torreele, E., Mazzucato, M. and Li, H. L. (2021). Delivering the People's Vaccine: Challenges and Proposals for the Biopharmaceutical Innovation System. UCL Institute for Innovation and Public Purpose, Policy Brief series (IIPP PB 12). <u>https://www.ucl.ac.uk/bartlett/public-</u> purpose/publications/2021/jan/delivering-peoples-vaccine
- Bason, C., Conway, R., Hill, D. and Mazzucato, M. (2021). '<u>A New Bauhaus for a Green Deal</u>'. UCL, London. <u>https://www.ucl.ac.uk/bartlett/public-purpose/publications/2021/jan/new-bauhaus-greendeal</u>
- Mazzucato, M., Kattel, R., Algers, J. and Mikheeva, O. 2021. 'The Green Giant: New Industrial Strategy for Norway', UCL, London, <u>https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files...</u>
- Mazzucato, M., Conway, R., Mazzoli, E. M., Knoll, E. and Albala, S (2020). Creating and measuring dynamic public value at the BBC. UCL Institute for Innovation and Public Purpose, Policy Report, (IIPP WP 2020-19). <u>https://www.ucl.ac.uk/bartlett/public-purpose/publications/2020/dec/creating-and-measuring-dynamic-public-value-bbc</u>
- Mazzucato, M. (2020). Mission-oriented public procurement: lessons from international examples. UCL Institute for Innovation and Public Purpose, Policy Report, (IIPP WP 2020-20) <u>https://www.ucl.ac.uk/bartlett/public-purpose/publications/2020/dec/mission-oriented-public-procurement-international-examples</u>
- Kattel, R., Mazzucato, M, Haverkamp, K. and Ryan-Collins, J. (2020). Challenge-driven economic policy: A new framework for Germany. Forum for a New Economy, Working Paper No. 5, 2020. <u>https://www.ucl.ac.uk/bartlett/public-purpose/publications/2020/nov/challenge-driven-economic-policy-new-framework-germany</u>
- Mazzucato, M. and Mikheeva, O. (2020). The EIB and the new EU missions framework, UCL Institute for Innovation and Public Purpose, IIPP Policy Report (IIPP WP 2020-17). https://www.ucl.ac.uk/bartlett/public-purpose/wp2020-17
- Mazzucato, M and Li, H.L. (2020). A market-shaping approach for the biopharmaceutical industry: governing innovation towards the public interest. UCL Institute for Innovation and Public Purpose, Working Paper Series (IIPP WP 2020-21). Available at: <u>https://www.ucl.ac.uk/bartlett/publicpurpose/wp2020-21</u>
- Mazzucato, M and Li, H. L. (2020). The Entrepreneurial State and public options: Socialising risks and rewards. UCL Institute for Innovation and Public Purpose, Working Paper Series (IIPP WP 2020-20). Available at: <u>https://www.ucl.ac.uk/bartlett/public-purpose/wp2020-20</u>
- Mazzucato, M., Ryan-Collins, J. and Gouzoulis, G. (2020). Theorising and Mapping Modern Economic Rents. UCL Institute for Innovation and Public Purpose, Working Paper Series (IIPP WP2020-05). Available at: <u>https://www.ucl.ac.uk/bartlett/public-purpose/wp2020-13</u>
- Mazzucato, M. and Kattel, R. (2020). COVID-19 and public-sector capacity. UCL Institute for Innovation and Public Purpose, Working Paper Series (IIPP WP 2020-12). Available at: <u>https://www.ucl.ac.uk/bartlett/public-purpose/wp2020-12</u>
- Mazzucato, M and Dibb, G. (2020). Innovation policy and industrial strategy for post-Covid economic recovery. UCL Institute for Innovation and Public Purpose, Policy Brief series (IIPP PB 10). https://www.ucl.ac.uk/bartlett/public-purpose/publications/2020/sep/innovation-policy-and-industrial-strategy-post-covid-economic-recovery
- Mazzucato, M., Entsminger, J. and Kattel, R. (2020). Public value and platform governance. UCL Institute for Innovation and Public Purpose, Working Paper Series (IIPP WP 2020-11). Available at: https://www.ucl.ac.uk/bartlett/public-purpose/wp2020-11
- Mazzucato, M., & Dibb, G. (2019) 'Missions: A beginner's guide'. (IIPP Brief 09). <u>https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files/iipp policy brief 09 missions a beginners guide.pdf</u>
- Mazzucato, M., McPherson, M. & Hill, D. (2019). 'A mission-oriented approach to clean growth'. (Greater Manchester Independent Prosperity Review - March 2019) <u>https://www.greatermanchester-</u>

ca.gov.uk/media/1909/gmipr\_tr\_amissionorientedapproachtocleangrowth.pdf

Mazzucato, M. & McPherson, M. (2019). 'What the green revolution can learn from the IT revolution'. (IIPP Brief 08). <u>https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files/iipp policybrief 08 green entreprenurial.pdf</u>

Agnolucci, P., Deleidi, M., De Lipsis, V., Mazzucato, M. & Ryan-Collins, J. (2019). 'The macroeconomic impact of government innovation policies'. (IIPP WP 2019-06) https://www.ucl.ac.uk/bartlett/public-purpose/sites/publicpurpose/files/macroeconomic impact innovateuk iipp report final web.pdf

- Mazzucato, M. and Kattel, R. (2019) 'Getting serious about value', UCL Institute of Innovation and Public Purpose (IIPP Brief 07). <u>https://www.ucl.ac.uk/bartlett/public-</u>purpose/publications/2019/jun/getting-serious-about-value
- Mazzucato, M. and Li, H.L. (2019) 'Health innovation re-imagined to deliver public value', UCL Institute of Innovation and Public Purpose (IIPP Brief 05). <u>https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files/iipp-pb-05-health\_innovation-07-03-2019.pdf</u>
- Mazzucato, M. (2018) "Mission-Oriented Research & Innovation in the European Union: A problemsolving approach to fuel innovation-led growth". Report for the European Commission, ISBN 978-92-79-79918-1

https://publications.europa.eu/en/publication-detail/-/publication/5b2811d1-16be-11e8-9253-01aa75ed71a1/language-en

Mazzucato, M. (2018) 'The people's prescription: Re-imagining health innovation to deliver public value', *IIPP WP 2018-10*. London: IIPP, Global Justice Now, Just Treatment, STOPAIDS. https://www.ucl.ac.uk/bartlett/public-purpose/wp2018-10

Mazzucato, M. and McPherson, M. (2018) "The Green New Deal: A bold mission-oriented approach". UCL Institute of Innovation and Public Purpose (IIPP Brief 04). <u>https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files/iipp-pb-04-the-green-new-</u> deal-17-12-2018 0.pdf

- Deleidi, M. and Mazzucato, M. (2018) "The effectiveness and impact of post-2008 UK monetary policy". UCL Institute of Innovation and Public Purpose (IIPP Brief 03) https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files/iipp-pb-03-qe-16-08-2018.pdf
- Mazzucato, M. and Macfarlane, L. (2018) "Patient Finance for Innovation-Driven Growth". UCL Institute of Innovation and Public Purpose (IIPP Brief 01) <u>https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files/iipp-pb-01-patient-finance-13-06-18.pdf</u>
- Macfarlane, L., Mazzucato, M. (2018) "State investment banks and patient finance: An international comparison", UCL Institute for Innovation and Public Purpose Working Paper, (IIPP WP 2018-01) https://www.ucl.ac.uk/bartlett/public-purpose/wp2018-01
- Mazzucato, M and Semieniuk, G. (2018). 'Bridging the gap: The role of innovation policy and market creation'. Chapter 7 in UNEP, *Emissions Gap Report 2018*. United Nations Environment Programme. <u>https://www.unenvironment.org/resources/emissions-gap-report-2018</u>
- Lamperti, F., Mazzucato, M., Roventini, A. and Semieniuk, G. (2017). 'The Green Transition: Public Policy, Finance and Innovation'. ISIGrowth Policy Brief, 22 June 2017.
- http://www.isigrowth.eu/wp-content/uploads/2018/06/ISIGrowthPolicy brief Clima.pdf Mazzucato, M. and Robinson, D. (2016) 'Market Creation and the European Space Agency: Towards a Competitive, Sustainable and Mission-Oriented Space Eco-System, European Space Agency, http://esamultimedia.esa.int/docs/business with esa/Mazzucato Robinson Market creation and ESA.pdf
- Mazzucato, M, Semieniuk, G. and Watson, J. (2015) 'What will it take to get us a Green Revolution?', Sussex Energy Group, (01/12/2015). https://www.sussex.ac.uk/webteam/gateway/file.php?name=what-will-it-take-to-get-us-a-green-

https://www.sussex.ac.uk/webteam/gateway/file.php?name=what-will-it-take-to-get-us-a-greenrevolution.pdf&site=264

Mazzucato, M. and Penna, C. Eds (2015) Mission-Oriented Finance for Innovation: New Ideas for Investment-Led Growth, Rowman & Littlefield, Book, ISBN 978-1-78348-495-9 <u>http://www.policy-network.net/publications/4860/Mission-Oriented-Finance-for-Innovation</u>

Mazzucato, M. (2014), Think Piece: "A Mission Oriented Approach to Building the Entrepreneurial State", paper commissioned by Innovate UK-Technology Strategy Board November 2014T14/165 <u>https://www.gov.uk/government/news/long-term-growth-innovations-role-in-economic-success</u>

Mazzucato, M. (2014), "Smart and Inclusive Growth", chapter in "Owning the Future" ed. Chuka Umunna MP, Shadow UK Business Secretary, Policy Network, Rowman & Littlefield, ISBN 9780992870515 <u>http://policy-network.net/publications\_detail.aspx?ID=4712</u>

Mazzucato, M. (2014) "Smart and inclusive growth: reforming the risk-reward nexus in innovation," Innovation for Growth (i4g), Policy Brief No.9 Available from: <u>http://ec.europa.eu/research/innovation-union/pdf/expert-groups/i4g-reports/i4g\_policy\_brief\_9\_-</u>

<u>risk reward.pdf</u> Mazzucato, M. (2013) "BBC: From Crowding Out to Dynamising In', chapter in 'Study of Journalism Report', Reuters Institute.

https://reutersinstitute.politics.ox.ac.uk/sites/default/files/Is%20There%20Still%20a%20Place%20f or%20Public%20Service%20Television\_0.pdf

Mazzucato, M. (2012), "Rebalancing what? Reforming finance for value creation," Policy Network Available from: <u>http://www.policy-network.net/publications/4201/Rebalancing-What-</u>

## **RECENT POLICY IMPACT**

- WHO, Senior Advisor to the Director-General and Chair of the Council on the Economics of Health for All (2020) Led a new WHO council with the mission to bring health and wellbeing to the centre of how we think about value creation and economic growth, purpose and sustainability.
- **EU Employment and Social Policy Ministers (2020).** Delivered keynote on "The social dimension of Europe's recovery" to a meeting of the Ministers of labour and social affairs of the EU member states to launch the German EU Council presidency.
- UK Business, Energy and Industrial Strategy Select Committee (2020) Provided verbal evidence on Inquiry on Post-pandemic economic growth.
- Vatican COVID-19 Commission (2020). Led the IIPP team within the The New Economy Taskforce, producing weekly briefings for the Pope on key aspects of the pandemic and its economic implications. Some of these briefings were later made available <u>publicly</u>.
- Prime Minister's office, Italy, Special Advisor (2020). Coordinator of project on mission oriented innovation and industrial strategy: digital divide and green new deal.
- UK House of Lords Science and Technology Committee (2020) Provided written and verbal evidence on The Government's Ageing Society Grand Challenge, arising out of the Mission-Oriented Innovation and Industrial Strategy (MOIIS) Commission https://www.parliamentlive.tv/Event/Index/114fa84a-9fc4-45ae-a368-93fe2df5203d
- President's Economic Advisory Council, South Africa (2020). Member of an economic council that advises the President on economic policy and the response to Covid-19.
- European Commission, DG-RTD, Special Advisor (2018-2019). As special advisor to DG-RTD commissioner (Carlos Moedas) in 2018-2019, authored high impact report on <u>Mission Oriented</u> <u>Innovation in the European Union</u>, distributed for EU wide stakeholder consultation and voted on by European Council, making 'missions' a new legal instrument for Horizon programme. Also authored and <u>Governing Missions in the European Union</u>. Keynote to European Council on Competitiveness (1/1/17), where working paper <u>Mission-Oriented Innovation Policy: Challenges and Opportunities (IIPP-WP-01017)</u> was distributed/discussed.
- Scottish National Investment Bank (2018). As economic advisor to Scotland's First Minister, worked to help establish a new Scottish National Investment Bank, which has had its legislation unanimously approved by the Scottish Parliament, and wrote <u>associated reports</u> which fed into implementation.
- UK Industrial Strategy (2018). Co-chaired the <u>Commission for Mission Oriented Innovation and</u> <u>Industrial Strategy</u> (MOIIS), which had <u>high impact on challenge led UK industrial strategy</u>.
- **Camera dei Deputati, Italy (2017).** Keynote on "The Entrepreneurial State and Mission-Oriented Industrial Policies". Other speakers include Luigi Di Maio, Vicepresidente della Camera dei Deputati and Laura Castelli, Commissione Bilancio, Camera dei Deputati. (24/5/2017)
- German Ministry of Economic Affairs and Energy (2017). Spoke on Investment and Innovation at Modernising Germany-Innovation Agenda #2025 with Federal Economic Minister Sigmar Gabriel, http://www.bmwi.de/DE/Themen/wirtschaft,did=798868.html
- UK Business, Energy and Industrial Strategy Select Committee (2016) Provided written and verbal evidence on 'Industrial Strategy' <u>http://calendar.parliament.uk/calendar/Commons/Select-Committees/2016/11/22/Daily</u>
- **Gesellschaft für Plurale Ökonomik Wien (2016)** Public debate with Austrian Chancellor Christian Kern on 'Public Investment and Inclusive Growth' <u>http://plurale-oekonomik.at/mazzucato/</u>
- German Social Democratic Party (SPD) Conference (2016). Keynote, speaking alongside Economic Minister Sigmar Gabriel <u>http://www.spdfraktion.de/wirtschaftsempfang2016</u>
- United Nations Economic Commission for Latin America & the Caribbean (ECLAC) (2016). Keynote responding to ECLAC's Horizons 2030 document to Finance Ministers from across Latin America & the Caribbean <u>http://www.sussex.ac.uk/spru/newsandevents/2016/talks/horizons2030</u> and gave 14th Raúl Prebisch Lecture

http://www.sussex.ac.uk/spru/newsandevents/2016/talks/prebischlecture

Brazilian Ministry for Science and Technology (2016) Presented report, commissioned by Ministry, on 'The Brazilian Innovation System: A Mission-Oriented Policy Proposal'

https://www.cgee.org.br/the-brazilian-innovation-system (report presented in Ministry United Nations Secretary General's High Level Panel on Access to Medicines (2016). Provided

written and verbal evidence <u>http://www.unsgaccessmeds.org/inbox/2016/2/28/mariana-mazzucato</u> US Senate Forum of the Middle-Class Prosperity Project (2015). Provided written and verbal

evidence for a Forum convened by Senator Elizabeth Warren and Con. Elijah Cummings, <u>http://democrats.oversight.house.gov/sites/democrats.oversight.house.gov/files/documents/Mazzu</u> <u>cato%20Statement%20Middle%20Class%20Prosperity%20Project%20.pdf</u> and <u>http://www.c-span.org/video/?327348-1/forum-middle-class-investment</u>

US Senate Appropriations Committee (2014). The Entrepreneurial State: debunking public vs. private sector myths was discussed in a hearing with heads of NSF, DOE, and National Institutes

for Health Director Francis S.Collins https://www.youtube.com/watch?v=V6vcWsSOa0E

UK Government Department for Business, Innovation & Skills (2011). Cited Mazzucato's work in the Economics paper 'Innovation & Research Strategy for Growth'

https://www.gov.uk/government/uploads/system/uploads/attachment\_data/file/32445/11-1386economics-innovation-and-research-strategy-for-growth.pdf

University of Sussex, REF 2014 Impact Case submitted to UoA 19 (Business and Management): Changing the framework for industrial policy: from fixing market failures to shaping and creating markets <u>http://impact.ref.ac.uk/casestudies2/refservice.svc/GetCaseStudyPDF/28995</u>

## **RESEARCH GRANTS**

- Open Society Foundation, Institutional Support Grant, 2020-23 PI
- BBC, Capturing Public Value at the BBC, 2020 PI
- Rockefeller Foundation, Algorithmic Power and Competition Policy, 2020-2021 PI
- Laudes Foundation, Green Credit Guidance Policies, 2020-2022 PI & Laudes Covid 19 Support Grant, 2020 PI
- The Provincial Council of Biscay (Bizkaia) A Public Purpose Framework to connect the Sustainable Development Goals with Economic Growth in the Biscay Region, 2020-2022 PI
- Omidyar Network, Digital Rents and Competition Policy, 2020-2021 PI
- William And Flora Hewlett Foundation Co-creating and shaping markets: Mission-Oriented Innovation Network in the US, 2020-2023 PI
- The European Investment Bank (EIB), InnovFin: Innovation Finance, 2019-2020 PI
- The European Institute of Technology (EIT), PELICAN: Pathfinding and Learning in Cites for Climate Action, 2019-2022 PI; PUFFIN: Priming Public Financial Institutions for Green Innovation, 2019-2022 PI; Mondragon Sandbox, 2019 PI; iParadigm: Innovation Paradigms for Deep Demonstration, 2019-2020 PI; Just Transformation Emilia-Romagna 2020, PI

**The ClimateWorks Foundation**, *MOBICA: How Measures Taken By The Public Sector Can Be Effective At Mobilizing Investments Into Low-carbon Assets*, 2019-2021 PI

- Ford Foundation, Labour Unions, Technological Change and Climate Change—Shaping Markets Through Effective Collective Action by Civil Society, 2019-2020 PI
- Rockefeller Foundation, Public Value & Digital Transformation and the Mission Oriented Innovation Network (MOIN), 2018-2020 PI
- Engineering and Physical Sciences Research Council (EPSRC), Interactions between the UK energy system and the UK economy, 2017-2019 PI
- **European Space Agency (ESA),** Benefit and Challenges of Applying Mission-Driven Innovation Models in Governmental Space Exploration Programmes, 2018-2020 PI
- Smart Prosperity Institute (SPI), What mobilises green investment? Evidence from the renewable energy sector and beyond, 2018 PI
- Smart Prosperity Institute (SPI), Accelerating Clean Innovation/Economics and Environmental Research Policy Network, 2018 PI
- European Commission, Horizon 2020, Inclusive Futures For Europe BEYOND The Impacts Of Industrie 4.0 And Digital Disruption (BEYOND 4.0), 2019-2022
- European Commission, Horizon 2020, Growth, Welfare, Innovation, Productivity (GROWINPro), 2019-2021
- Department for International Development (DFID), Life Changing Assistive Technology For All (AT2030), 2018-2021 Co-I
- Innovate UK, The Macroeconomic Implications of Mission Oriented Policies, 2017-2018 PI
- **Open Society Foundations,** *Rethinking the Economics of Medical Innovation*, 2016-2018, PI; renewed 2019-2020
- **ESRC**, Technical Change, Employment and Inequality: A Spatial analysis of households & plant data (TEMPIS), 2016-2018, ESRC/N011929/1, Co-I
- Brazilian Ministry for Science and Technology, Report on Brazil's Innovation Policy in the Context of Societal Challenges, PI, 2015
- **European Commission, Horizon 2020, DOLFINS**: *Distributed Global Financial Systems for Society,* PI for SPRU (Coordinating Institution: University of Zurich), grant 640772 2015-2018
- European Commission, Horizon 2020, (ISIG Innovation-fuelled, Sustainable, Inclusive Growth in *Europe*), PI for SPRU team (Coordinating Institution: Univ. Sant'Anna, Pisa), grant 649186, 2015-2018
- Institute for New Economic Thinking (INET), Finance and Innovation: A Schumpeter-Minsky synthesis, PI with Randy Wray, 2012 2014 <u>http://ineteconomics.org/grants/financing-innovation</u>
- **Ford Foundation**, Reforming Global Finance initiative: *Financial markets and the entrepreneurial State*. PI, 2012-2016, renewed for 2014-2016
- **Ford Foundation**, funding for conference organisation in the Reforming Global Financial Governance initiative: *Financial governance for innovation and social inclusion*, 2013

**The Brazilian Development Bank (BNDES)**, funding for conference organisation *Mission-oriented finance for innovation: rethinking public & private risks and rewards,* 2014

European Commission, Collaborative FP7 Project,

FINNOV: Finance, innovation and growth. PI, Coordinator and PI of EC FP7, 2009-2012

**ESRC Centre**, Social and economic research on innovation in genomics, The Open University and University of Edinburgh and part of the *ESRC Genomics Network*, Economics Director and Co-investigator (25% of time) 2<sup>nd</sup> phase funding, 2007-2012 <u>www.genomicsnetwork.ac.uk/innogen</u>

- **European Commission,** 5th Framework Programme Grant: *Econ-change: micro-foundations of entrepreneurial & organisational change in Europe.* Co-Investigator, 2002-2004
- British Academy, Firm growth dynamics in different knowledge regimes: the biotech sector. Small grant PI, 2005-2007

**European Commission**, Network of Excellence: *Dynamics of institutions and markets in Europe* (DIME). Leader of The Open University node, and co-ordinator of 2 work packages: *Finance and innovation; innovation and inequality in health*, 2003-2010

**The Open University Research Grant,** Sales, innovation and stock prices in information technology, The Open University, PI, 2001

European Union Training & Mobility for Researchers Grant, Marie Curie, The Co-Evolution of Innovation and Market Structure. London Business School, PI, 1998

Santa Fe Institute, Computational Economics, summer grant to work in SFI, 1996 Russell Sage Foundation, grant in behavioural economics: PI, 1995 Rotary International, graduate fellowship: PI, 1993 University Fellowship New School for Social Research, 1992-1993

# **RECENT RESEARCH CONSULTANCIES**

BBC (2020); European Investment Bank (2020); Scotland Government (2019-2020); Innovate UK (2019); Inter-American Development Bank (2017); European Investment Bank (2017, 2020); United Nations Economic Commission for Latin America (2016); European Space Agency (2016); NASA (2015), Inter-American Development Bank (2015, 2018, 2020), Brazilian Ministry for Science and Technology (2015)

# TEACHING

2018-2021	University College London (IIPP) Taught modules for Rethinking Capitalism (authored textbook) Convenor for Public Value module in Masters (MPA) in Innovation and Public Policy Co-designed the MPA curriculum Executive Education for governments
2011-2017	<b>University of Sussex,</b> Chair of Doctoral Committee, SPRU. Masters classes in industry dynamics; finance and innovation. INET course in the Economics of Innovation, (April 2014)
2006-2010	<b>Bocconi University,</b> Milan, Italy, (Visiting Professor) Masters and MBA courses, <i>8205 Industrial Economics and International</i> <i>Competitiveness</i> (with F. Malerba) and <i>8014 Industry Analysis</i> (with M. Mariani)
	The Open University, Milton Keynes, UK, 2000-2011 (Professor)
2008-2010	Personal Investment in an Uncertain World (DB234), Production Chair, Editor of textbook
2004-2008	Microeconomics (DD319), Chair
2001-2002	Economics and Economic Change (DD202), Chair
2002-2006	Business Behaviour in a Changing Environment (B300), Chair for Strategy module
1997-1999	<b>University of Denver</b> , Denver, USA, (Assistant Professor) Undergraduate <i>Foundations of Economics</i> ; and Masters level <i>Industrial Organization</i>
1995-1997	<b>New York University,</b> New York, USA, (adjunct) Undergraduate Introductory Microeconomics; Introductory Macroeconomics

## Summer school teaching

2006 European Summer School in Industry Dynamics (ESSID, EU), Cargese, Corsica

# 2002-2006 The Open University Summer School, Bath, UK

## **Recent PhD supervision**

Recount ind Sup		
2020-	Rosie Collington (UCL), Public Sector Outsourcing and State Capacity	
2019-	Josh Entsminger (UCL), Governing Digital Economic Transitions	
2019-	David Frayman (UCL), The Institutional Structure of the Financial and Innovation	
	Systems and the Achievement of Innovation-led Growth	
2019-	Asker Voldsgaard Ruge, (UCL), The Institutional Embeddedness of Green Finance	
2019-	Travis Michael Whitfill, (UCL), The Financialization of Biopharma	
2018-	Angeliki Kapoglou (UCL), The Future of the Lunar Economy	
2017-	Lukas Fuchs (UCL), The Political Philosophy of Market Shaping	
2016-	Irene Maffini (Sussex Univ, SPRU) Crowdfunding Public-Private Partnerships	
2016-	Simone Gasperin (UCL) The Political Economy of State-Owned Enterprises	
2019 (awarded)	Andrea Laplane (Sussex Univ, SPRU) The Risk-Reward Nexus	
2018 (awarded)	Marco Carreras (Sussex Univ, SPRU) Brazil's State-Owned Development Finance Institutions	
2016 (awarded)	Nicholas Jagger (Sussex Univ, SPRU) Skills Requirements in the Low Carbon Transition	
2014 (awarded)	Zhehong Zheng (Open University), A Micro-Macro Model of Finance and Growth	
2010 (awarded)	Lillian Jensen (Open University, ESRC), Absorptive Capacity and Firm Growth	
2009 (awarded)	Pelin Demirel (Open University), Economic Dynamics in Different Knowledge	
	Regimes	

Recent Post-doctoral supervision (funded by my grants listed above)

Henry Li (UCL), Matteo Deleidi (UCL), Joshua Ryan Collins (UCL), Ariel Wirkerman (University of Sussex), Caetano Penna (University of Sussex), Gregor Semieniuk (University of Sussex), Stuart Parris (Open University).

**PhD External examiner:** Cambridge Univ., Sant'Anna Univ. Pisa; Univ. of Essex; London Business School.

# **RECENT PRIZES/HONORS/AWARDS**

Grande Ufficiale Ordine al Merito della Repubblica Italiana, 2021 Geospatial World Leadership Making A Difference Award for 'Innovation and Data Economy', 2020 Winner of the John von Neumann Award, Rajk László College for Advanced Studies, 2020 All European Academies Madame de Staël Prize for Cultural Values, 2019, €20,000 Wassily Leontief Award for Advancing the Frontiers of Economic thought, 2018 Elected to the UK Academy of Social Sciences, 2017 Elected to the Italian Academy of Sciences, Lincei, 2018 Short-listed for 2019 Best Business Book of the Year, FT-Mckinsey, £10,000 for shortlist Best Book of the Year, Strategy and Business, 2018 (The Value of Everything) Winner of the Hans Matthöfer German book prize, 2015 Winner of the New Statesman / SPERI Prize in Political Economy, 2014 Listed in Financial Times Selection of *Books of the Year*, Entrepreneurial State, 2013 Shortlisted for Industry & Innovation DRUID Award for Best Paper, 2014 Nominated for IPEG Book Prize, 2014

# **PROFESSIONAL ACTIVITIES**

## Advisory/Commissioner/Task Forces:

2021-present	National Academy of Medicine, Grand Challenge on Human Health
	and Climate Change
2021-present	UN High Level Advisory Board on Economic and Social Affairs
2021-present	G7 Economic Resilience Panel (representing the Italian government)
2021-present	Economic and Social Council of Argentina (ESC)
2021-present	Member Council of Foreign Relations
2020-present	WHO Council on the Economics of Health for All, Chair
2020-present	Business, Energy and Industrial Strategy Innovation Expert Group
2020-present	Camden Economic Renewal Commission, Co-Chair
2020-present	The New Economy Taskforce, under the Vatican COVID-19 Commission

2020-present 2020-present 2020-present 2020-present 2020-2021 2019-present 2019-present 2019-present 2019-present 2019-2021 2018-present 2018-2019 2017-2019 2017-Present 2017-Present 2017-present 2016-present 2016-present 2016-present 2016-present 2016-present 2016-present 2015-2020 2014-2018 2015-present 2015-2020 2014-2018 2013-2018 2013-2018 2013-2018 2013-2018 2013-2018 2013-2018 2013-2018 2013-2018 2013-2018 2013-2018 2013-2018 2013-2018 2013-2018	UNDP Asia-Pacific Eminent Advisory Council UN Council on Urban Initiatives, UN Habitat EU Green New Deal Senior Working Group Lancet Pathfinder Commission WHO Fair Pricing Group Special Economic Adviser to Prime Minister Conte, Italy South African President's Economic Advisory Council (PEAC) Vinnova, Sweden's Innovation Agency, International Advisory Board, Sweden World Economic Forum Stewardship Board World Economic Forum Global Future Council - New Economic Agenda, Co-Chair UN Committee for Development Policy (CDP), ECOSOC OECD Secretary General Adv Group on New Narrative for Economic Challenges Luminate Advisory Group World Economic Forum Global Future Council - New Economic Agenda (Vice-Chair) Special Advisor to Carlos Moedas, EC Commissioner for Research and Innovation Research Council of Norway, Advisory Board, Norway Economic and Social Impact of Research (ESIR), European Commission UN SDSN Leadership Council, United Nations FEEM Scientific Advisory Board Scottish Government, Council of Economic Advisors (CEA), Scotland Italian Parliamentary Budget Office, Scientific Advisor, Italy Danish Design Centre, Advisory Board, Denmark International Schumpeter Society, Vice President IPPR, Commissioner, Commission on Economic Justice, UK SITRA, Finnish Innovation Fund, Advisory Board, Finland Institute for Public Policy Research (IPPR), Trustee, UK Political Economy Research Centre, Goldsmiths University, Advisory Board, UK i24C High Level Group, Belgium University of Sussex, University Council member, UK UNU-MERIT, Advisory Board, Netherlands Circle, Lund University, Scientific Advisory Board, Sweden Green Alliance, Trustee, UK Labour Party Economic Advisory Committee, UK Ec High Level Economic Policy Expert Group, Innovation 4 Growth, RISE World Economic Forum Global Agenda Council on the Economics of Innovation Centre for European Reform, Commissioner, UK European Commission (EC) Task Force on Public Sector Innovation New Economic Forundation, Task force on New Jobs, UK
2012-	UCL Green Economy Policy Commission (Prof. Ekins Chair), UK

## **Corporate Board membership**

2020-present Enel S.p.A

**Journal Editor:** Journal of Economic Policy Reform (2016-), Economics, Information and Policy (2004-2010), Journal of Post-Keynesian Economics (2014-), Italian Economic Journal (2014-2016), Structural Change and Economic Dynamics (2014-)

**Journal Referee:** Journal of Economic Dynamics and Control; Journal of Evolutionary Economics; Journal of Economic Behavior and Organization; Research Policy; International Journal of Industrial Organization; Industrial and Corporate Change; Review of Political Economy; Structural Change and Economic Dynamics; Journal of Computational Economics; Research Policy, Oxford Papers in Economics and Statistics, Review of Economics and Statistics

## **Grant Referee**

Institute for New Economic Thinking (INET); Economics and Social Research Council (ESRC), UK; United States National Science Foundation (NSF); ESRC Science and Technology Studies Panel

# **SELECTION OF RECENT KEYNOTES & INVITED LECTURES**

Talks at Google, (02/08/2021) "Mission Economy: A Moonshot Guide to Changing Capitalism" <u>https://www.youtube.com/watch?v=-uTNPSCaMmU&ab\_channel=TalksatGoogle</u>

- Masterclass for President Cyril Ramaphosa and South African National School of Government, (25/03/2021) "The Entrepreneurial State and Mission Economy: Lessons and Opportunities for South Africa" <u>https://www.youtube.com/watch?v=nqyClAgXuOU&t=2s</u>
- Bloomberg CityLab Mayors only session, Bloomberg Philanthropies, New York (01/03/2021) <u>https://www.bloomberg.org/press/citylab-global-cities-summit-unveils-speaker-lineup-for-march-1-3-2021/</u>
- Aspen Ideas Reset, (23/02/2021) "A mission-oriented approach to stakeholder capitalism" <u>https://www.youtube.com/watch?v=l h6Unu-gus&feature=emb imp woyt</u>
- London School of Economics, Public Lecture, London (29/01/2021) "Mission Economy: A Moonshot Guide to Changing Capitalism"

https://www.youtube.com/watch?v=JwE0E0iVt6M&feature=emb\_imp\_woyt

- Economic Council of Finland and PM Marin, Helsinki (27/01/2021) "Mission Economy: A Moonshot Guide to Changing Capitalism" <u>https://vnk.fi/en/economic-council</u>
- Yusuf Sayigh Development Lecture, Palestine Economic Policy Research Institute, Palestine (03/12/2020) <u>https://www.youtube.com/watch?v=EI4ZuNjQDwM&t=1s</u>
- Tore Browaldh Lecture, Gothenburg University, Sweden (03/11/2020) 'Rethinking value creation for innovation-led, inclusive and sustainable growth' <u>https://www.youtube.com/watch?v=Gk5VY1AAixA</u>
- John von Neumann Lecture, Rajk College, Hungary (28/10/2020) 'Rethinking the State: from public good to public value' <u>https://www.youtube.com/watch?v=qhcr2mEaMYs&t=1403s</u>
- TED2020 (06/2020) 'How to Rethink Capitalism for a post-pandemic world' <u>https://www.ted.com/talks/mariana mazzucato how to rethink capitalism and government for a post\_pandemic\_world</u>
- CogX 2020, virtual conference (08/06/2020) 'Stakeholder Value and Purpose. Time to walk the talk: a mission oriented approach" <u>https://www.youtube.com/watch?v=COsJ2QBewbE</u>
- UN Habitat's World Urban Forum (WUF10) Abu Dhabi, UAE (10/02/2020). "Implementing the New Urban Agenda to Drive Sustainable Change" <u>http://webtv.un.org/search/dialogue-2-implementing-the-new-urban-agenda-to-drive-sustainable-change-wuf10-8-13-february-2020-abu-dhabi-uae/6131198285001/?term=&lan=english&page=36</u>
- TEDSummit 2019, Edinburgh, Scotland. (24/07/2019). 'What is economic value, and who creates it?'. https://www.ted.com/talks/mariana mazzucato what is economic value and who creates it
- Festivaletteratura, Mantua, Italy. (07/09/2019). 'L'economia del Valore'. https://www.festivaletteratura.it/en/2019/guests/mariana-mazzucato
- Tate Modern 2019, London, UK (22/10/2019). 'Art in real life: Architecture and public space'. <u>https://www.tate.org.uk/whats-on/tate-modern/exhibition/olafur-eliasson/art-real-life-architecture-and-public-space</u>
- Brainwash Festival, Berlin, Germany. (26/10/2019). 'The future of economics'. https://programma.brainwashfestival.nl/
- Wired Smarter, London, UK (30/10/2019). https://www.youtube.com/watch?v=Gxw45q3Ga3k
- Rethinking Economics Seminar, Áras an Uachtaráin, Ireland. (12/11/2019). 'Rethinking the Role of the State in Fostering a Sustainable and Inclusive Economy'. https://president.ie/en/diary/details/president-hosts-seminar-rethinking-the-role-of-the-state-in
  - https://president.ie/en/diary/details/president-hosts-seminar-rethinking-the-role-of-the-state-ii fostering-a-sustainable-and-inclusive-economy
- SME Assembly 2019, Helsinki, Finland. (14/11/2019). 'Schumpeter Lecture'. https://blogs.ec.europa.eu/promotingenterprise/schumpeter-mazzucato-1/
- Antitrust in Times of Upheavel a Global Conversation, Brussels, Belgium. (10/12/2019). 'Out of the Box Antitrust in Times of Upheavel'. <u>https://events.streamovations.be/sessions/reference/antitrust-in-times-of-upheaval-a-global-conversation</u>
- The Times CEO Summit, London, UK. (11/06/2019). 'The Trust Vacuum panel session'. https://ceosummit.thetimes.co.uk
- CognitionX Event, London, UK. (10/06/2019). 'From market fixing to market co-creating'. https://cogx.co/speakers/mariana-mazzucato/
- National Institutes for Health, Behesda, MA, United States. (06/06/2019). 'The State and Innovation from fixing markets to co-creating'.
- NESTA Rethinking Public Value Event, London, UK. (03/06/2019). 'Getting Serious about Value'. https://media.nesta.org.uk/documents/Rethinking Public Value. Agenda.pdf
- St Gallen Symposium, University of St Gallen, Switzerland. (09/05/2019). 'Value of Everything: making and taking in the global economy'.

<u>https://www.symposium.org/sites/default/files/Programm\_49SGS\_4.pdf#overlay-context=downloads</u> Mme de Stael award ceremony, University of Bern, Switzerland. (08/05/2019). 'From Market Fixing to

- Market Co-creation: a mission-oriented approach'. <u>https://www.alleageneralassembly.org/</u> European Commission High-Level Policy Summit on Sustainable Development, Brussels, Belgium. (08/04/2019). 'Next Steps: Europe's Missions for the Future'.
  - https://ec.europa.eu/epsc/events/sustainable-europe-2030 en

- World Bank, Washington DC, US. (08/03/2019). Debunking the Myth of a Laggard State at Odds with the Private.
- Blavatnik School of Government, University of Oxford, Oxford, UK. (31/01/2019). 'The Value of Everything: rediscovering purpose in the economy'. <u>https://www.bsg.ox.ac.uk/events/value-everything-rediscovering-purpose-economy</u>
- European Commission, Brussels, Belgium. (17/01/2019). 'Shaping competition policy in the era of digitisation'. <u>http://ec.europa.eu/competition/scp19/</u>
- Cabinet Office Future Policy Network event, London, UK. (07/01/2019). 'A Talk with Professor Mariana Mazzucato'.
- Committee for Economic Development of Australia, Melbourne, Australia. (14/12/2018). 'Rethinking the purpose of the corporation: the business of business'. <u>https://www.ceda.com.au/events/upcoming-events</u>
- Centre for Policy Development and City of Melbourne, Melbourne, Australia. (13/12/2018). 'Public forum: mission-led innovation'. <u>https://www.trybooking.com/ZCIF</u>
- Centre for Policy Development John Menadue Oration, Sydney, Australia. (11/12/2018) 'Can the State Deliver?'. <u>https://cpd.org.au/events/</u>
- Climate-KIC Innovation Summit, Dublin, Eire. (06/11/2018) 'The direction of economic growth: a missionoriented approach'. <u>https://www.climateinnovationsummit.org/programme/</u>
- WIRED Live 2018 Event, London, UK. (01/11/2018) 'The Value of Everything'. https://www.wired.co.uk/partnerships/wired-live/speakers
- University of Sheffield, Sheffield, UK. (30/10/2018) '2018 Knoop Annual Lecture: The Value of Everything'. <u>https://www.sheffield.ac.uk/economics/events/knoop</u>
- Globelics International Conference, Accra, Ghana. (25/10/2018) 'Rethinking the Direction of Economic Growth: a mission-oriented approach'. <u>http://globelicsconference2018.org/</u>
- BNEF-EMEA Future of Energy Summit, London, UK. (01/10/2018) 'Financing the Green Revolution: a mission oriented approach'. <u>https://about.bnef.com/future-energy-summit/london-speakers/</u>
- Future Cities Catapult, London, UK. (27/09/2018) 'Innovation-led sustainable growth: a mission-oriented approach'. <u>https://futurecities.catapult.org.uk/events/</u>
- Austrian Presidency of the Council of the EU, Vienna, Austria. (25/09/2018) 'The People's prescription: Re imagining health innovation to deliver public value'. <u>https://www.eu2018.at/calendar-events/political-events/BMASGK-2018-09-25-Matching-Health-R-D.html</u>
- Ellen MacArthur Foundation Summit 2018, London, UK. (21/06/2018) 'Reimagining the direction of economic growth: a mission oriented approach'.
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- EU Council of the Secretariat, Brussels. (04/06/2018) 'The direction of economic growth: a 'missionoriented' market shaping approach'.
- 5x15 event, London, UK. (23/05/2018) 'The Value of Everything'. <u>http://5x15.com/event/23rd-may-</u> 2018-the-tabernacle/#event
- OECD, Paris, France. (18/05/2018) 'Mission Oriented Innovation: reframing the direction of economic growth'. <u>https://oecdtv.webtv-solution.com/4359/or/naec\_seminar\_with\_mariana\_mazzucato.html</u>
- Brazilian National Academy of Sciences, Rio de Janeiro, Brazil. (08/05/2018) 'Mission Oriented Innovation: Rethinking the State's role on the Direction of Economic Growth'. http://www.abc.org.br/?Reuniao-Magna-2018
- Harvard Kennedy School seminar, Cambridge, MA, USA. (18/3/2018) 'The Rate and Direction of Innovation-Led Growth: a Mission-Oriented Approach'.
- https://www.hks.harvard.edu/centers/mrcbg/news-events/event-calendar#mazzucato Leontief Prize Ceremony acceptance speech, Tufts University, Boston, USA. (17/3/2018)
  - http://www.ase.tufts.edu/gdae/about us/leontief18 announcement.html
- International Monetary Fund, Washington DC, USA (15/3/2018) 'The rate and direction of innovation-led growth: mission-orientation'.
- Intelligence Squared Debate, London, UK (5/2/2018) 'Ten Years On: The Financial Crisis and the State of Modern Capitalism'. <u>https://www.intelligencesquared.com/events/ten-years-on-the-financial-crisis-and-the-state-of-modern-capitalism/</u>
- INET Annual Conference, Edinburgh, UK (23/10/2017) 'Collective Value Creation: sharing both risks and rewards'. <u>https://www.ineteconomics.org/events/reawakening</u>
- Mission Innovation / Clean Energy Ministerial Conference, Beijing, China (7/6/2017), 'Green Growth: Rethinking public and private risk-taking'. <u>http://mission-innovation.net/our-work/mi-2/</u>
- Inter-American Development Bank, Washington DC, USA (18/4/2017), 'Sharing Risks and Rewards a new lens on wealth creation'

http://lalics.org/index.php?option=com\_content&view=article&id=1208:idb-theoreticalworkshop&catid=38:news&lang=en&ltemid=255

ICC Conference: Beyond Technological Innovation and Diffusion, UC-Berkeley, USA, (13/12/2016)

'Innovation Policy: from fixing markets and systems to market making and shaping' <u>http://businessinnovation.berkeley.edu/intellectual-capital/icc-conference-program/</u>

- University of Cambridge Public Policy Annual Lecture, Cambridge, UK, (06/12/2016) 'Smart and Inclusive Growth: a new narrative on wealth creation' <u>http://www.publicpolicy.cam.ac.uk/events/mariana-mazzucato</u>
- 8<sup>th</sup> Global Drucker Forum 2016, Vienna, Austria, (17/11/2016) 'The State as Enabler, Innovator, Investor' <u>http://www.druckerforum.org/2016/the-event/program-2016/</u>
- Nordic Investment Bank Financing the Future seminar, Copenhagen, Denmark, 02/11/2016 'Innovation Policy as Market Shaping and Creating'
  - https://mes.eventos.fi/event/nib\_anniversary/pages/programme
- 16th Congress of the International Joseph A. Schumpeter Society Conference, Montreal, Canada, 07/07/2016 'Innovation policy: From market and system fixing to market creating,' <u>http://schumpeter-conference-montreal.ca/program/</u>
- 2016 EU-SPRI Conference, Lund, Sweden, 8/6/16 "From Market Fixing to Market Creating: a new vision for innovation policy," <u>http://www.euspri-</u>

circle2016.org/app/attendee/default.asp?ProjectId=6857&PageId=40439

- Argentinian Ministry of Science, Buenos Aries, Argentina, 21/4/16, 'El Estado emprendedor: creación de mercados y desarrollo económico'. <u>http://conferenciamazzucato.mincyt.gob.ar/</u>
- 14<sup>th</sup> Raul Prebisch Lecture, United Nations Commission for Latin American (ECLAC), Santiago, Chile, 19/04/2016, 'The Entrepreneurial State: A Market Creation View of Directionality in Economic Development'. <u>http://www.cepal.org/cgi-</u>

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- Seminar for the European Investment Bank, Kirchberg, Luxembourg, 08/03/2016, 'The Entrepreneurial State and the role of public banks'. <u>http://www.eib.org/infocentre/events/all/eib-seminar-the-entrepreneurial-state-and-the-role-of-public-banks.htm</u>
- Inaugural lecture for UK Labour Party's New Economics Series, London, UK 27/01/2016 'Economic Policy: from market fixing to market creating and shaping'. <u>http://www.labour.org.uk/blog/entry/the-new-economics</u>
- Michael Young Centenary Conference, Young Foundation, London, UK, 11/11/2015, 'Social Innovation and the Economy'. <u>http://youngfoundation.org/events/michael-young-centenary-conference/</u>
- Waterloo Innovation Summit, Opening Address, 17/09/2015, International Conference on the Role of the State in the 21<sup>st</sup> Century, Brasilia, Brazil, 03/09/2015, 'Busting the myth of public versus private sector' <u>https://waterlooinnovationsummit.com/about#</u>
- LSE Society for the Advancement of Socio-Economics Annual Conference, London, UK, 02/07/2015, 'Innovation and Inequality: a different interpretation.' '<u>https://sase.org/2015---london/sase-27th-annual-conference-theme\_fr\_202.html</u>
- Bath University, Institute for Policy Research Public Lecture, 27/04/2015, 'Economic Policy: From Fixing Markets to Market Making', <u>http://www.bath.ac.uk/ipr/events/news-0165.html</u>
- Austrian Ministry for Transport, Innovation and Technology & the Austrian Academy of Sciences, Vienna, Austria, 10/6/2015, 'The State and Innovation: a different narrative.'

http://www.oeaw.ac.at/fileadmin/NEWS/2015/PDF/Einladung-Mazzucato-BMVIT\_OEAW.pdf Brazilian Congress of Industrial Innovation, São Paulo, Brazil, 13/05/2015, 'From Finance to Innovation', http://www.congressodeinovacao.com.br/programacao

Broadbent Institute / Atkinson Foundation, Toronto, Canada, 22/01/2015, 'Courageous Bets and Equitable Returns: Public Investment in Innovation.'

http://www.broadbentinstitute.ca/courageous bets and equitable returns

New Statesman SPERI Prize in Political Economy, Winners Lecture, London, UK, 13/11/2014, 'Smart growth: an innovative way to tackle inequality?' <u>http://marianamazzucato.com/talks/nssperiprize/</u> Global Business Forum, Banff, Canada, 19/09/2014, 'The Entrepreneurial State.'

- http://marianamazzucato.com/wp-content/uploads/2014/09/2014-Global-Business-Forum-Program.pdf International Schumpeter Society Conference, Jena, Germany, 28/7/2014, 'Entrepreneurship myths, parasitic systems of innovation and rising inequality.'
- Institute of New Economic Thinking (INET), Toronto, Canada, 10/07/2014, 'Innovation: Do Private Returns Produce the Social Returns We Need?' <u>http://beta.ineteconomics.org/conference-session/do-</u> private-returns-produce-the-social-returns-we-need

Cambridge University, Babbage Lecture, The Entrepreneurial State and the Risk-Reward Relationship, 04/05/14.

The Long Now Foundation, San Francisco, USA, 24/03/2014 'Long Term Thinking', <u>http://longnow.org/seminars/02014/mar/24/entrepreneurial-state-debunking-private-vs-public-sector-myths/</u>

European Commission Innovation Convention 2014, Brussels, Belgium, 10/03/2014, What Europe Stands for - Growth, jobs and rights: will the European Union rise to the occasion?'

https://ec.europa.eu/research/innovation-union/ic2014/index\_en.cfm?pg=home

- ARPA-E, Washington DC, USA, 25/02/2014. Energy Innovation Summit; 'Green Growth' http://energy.gov/articles/5th-annual-arpa-e-energy-innovation-summit
- World Bank, Washington DC, USA, 16/10/2013, 'Making Growth Happen' The Risks and Rewards of Industrial Policies,

http://siteresources.worldbank.org/FINANCIALSECTOR/Resources/Making\_Growth\_Happen-Agenda.pdf

World Economic Forum, Dalian, China, 11/09/2013, Annual Meeting of the New Champions <u>http://www.weforum.org/sessions/summary/ideaslab-economics-innovation-institute-new-economic-thinking</u>

European Science Foundation, 'The Science of Innovation', Brussels, 28/02/2012, 'Financing innovation, financial innovation and the implications of the financial crisis for innovation policy' <u>http://www.europarl.europa.eu/stoa/cms/home/events/workshops/pid/113</u>

**MEDIA:** Regular appearances in the print and broadcast media, including: CNN *Amanpour, BBC Newsnight; Channel 4 News; BBC World News; Bloomberg, The New York Times, the Financial Times, The Guardian, Foreign Affairs, and La Repubblica.* Full media profile: <u>http://www.marianamazzucato.com</u>

	recent authored news articles and interviews zzucato, Jayati Ghosh and Els Torreele on waiving covid patents' <i>Economist</i> (20/04/2021)
https://	/www.economist.com/by-invitation/2021/04/20/mariana-mazzucato-jayati-ghosh-and-els-
	e-on-waiving-covid-patents
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(27/03/	
	/www.theguardian.com/commentisfree/2021/mar/27/capitalism-covid-boris-johnson-uk-
	e-state-funding
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	riana-mazzucato-et-al-2021-03?barrier=accesspaylog
	limate in a triple crisis' <i>The New Republic</i> (15/03/2021)
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	the Platform Economy' <b>Project Syndicate</b> (05/02/2021)
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	es capitalism's flaws' <i>Financial Times</i> (28/12/2020)
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	cato-et-al-2020-12?barrier=accesspaylog
	ere's How We Fixed the Global Economy', <b>TIME</b> (22/10/2020)
	/time.com/collection/great-reset/5900739/fix-economy-by-2023/
	vitable' about Suffering, <b>CNN Amanpour</b> (15/10/2020)
	/www.youtube.com/watch?v=MJHep1USG-c&feature=youtu.be
'Canitalism is	Broken. The Fix Begins With a Free Covid-19 Vaccine.', <i>The New York Times</i> (08/10/2020)
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https://www.nytimes.com/2020/10/08/opinion/international-world/capitalism-covid-19-vaccine.html 'Johnson has taken the wrong economic lesson from the COVID crisis' *Financial Times* (08/10/2020) https://www.ft.com/content/26e4578f-ec72-4c50-8836-3252250844eb

- 'Capitalism after the pandemic: Getting the recovery right', *Foreign Affairs* (02/10/2020) <u>https://www.foreignaffairs.com/articles/united-states/2020-10-02/capitalism-after-covid-19-pandemic</u> 'Covid Recovery Funds Not Structured Properly'. *Bloomberg TV* (23/09/2020)
- https://www.bloomberg.com/news/videos/2020-09-24/covid-recovery-funds-not-structured-properlymazzucato-says-video
- 'Avoiding a Climate Lockdown', *Project Syndicate* (22/09/2020) <u>https://www.project-syndicate.org/commentary/radical-green-overhaul-to-avoid-climate-lockdown-by-</u> mariana-mazzucato-2020-09
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