PROF DAME FIONA E. MURRAY DCMG CBE

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EDUCATION

- PhD/AM Engineering Sciences, Harvard University, School of Engineering and Applied Sciences.
- BA/MA Chemistry (1st Class Honours), University of Oxford, Merton College.

PROFESSIONAL EXPERIENCE

Massachusetts Institute of Technology

W. Porter (`67) Professor of Entrepreneurship, MIT School of Management (2013-present)

OTHER ACADEMIC POSITIONS

Visiting Associate Professor, Harvard Business School (2011)

Associate Professor, Management of Technological Innovation, MIT School of Management (2006-2013)

Assistant Professor, Management of Technological Innovation, MIT School of Management (2000-2006)

Lecturer, University of Oxford Said Business School and Fellow, St. Catherine's College (1996-2000)

LEADERSHIP & MANAGEMENT ROLES

Massachusetts Institute of Technology

Director MIT Innovation HQ & Associate Dean for Innovation (2013 – Sept 2025)

Associate Dean for Innovation + Inclusion (March 2020 – August 2023)

OTHER POSITIONS

Faculty Director, MIT Kuo Sharper Center for Entrepreneurship and Development (2015- present)
Faculty Director, MIT Trust Center for Entrepreneurship (2006-2013)
Fellow-in-Resident, Engine Ventures (January 2022 to present)

CURRENT BOARD MEMBERSHIP & ADVISORY ROLES

NATO Innovation Fund –Chair of the Board (Vice Chair 2023-August 2025, Chair Sept 2025- present)

Oxford Science Enterprises - Board Member (2024-present)

PRIME Coalition – Founding Board Member (2012-present)

UK Ministry of Defence–Defence Industrial Joint Council (April 2025-present) & Defence Innovation Advisory Panel (2022-present)

RECENT AWARDS HONOURS

- Awarded Dame Commander of St. Michael and St. George (2023) for sustained and highly influential contributions to UK strategy and policy in science and technology.
- Awarded Commander of Most Excellent Order of the British Empire (2015) for services to entrepreneurship and innovation in the UK.

TEACHING

- EMBA Elective - Crossing the Line: Insights into Entrepreneurial Fraud (IAP 2025, 2026)
- EMBA Required Course - IDEA Week (Spring 2012- present)
- MBA/Open Enrollment Course - Engine Lab: Growing & Building Deep Tech Ventures (Spring 2025-present)

RECENT BOOKS & ACADEMIC PUBLICATIONS

- P. Budden, F. Murray (2025). *Accelerating Innovation: Competitive Advantage Through Ecosystem Engagement*. MIT Press: Cambridge, MA USA

- A. Chatterji, **F. Murray** (2025). How Geopolitics is Changing the Economics of Innovation. NBER Working Paper and Chapter in *Entrepreneurship and Innovation Policy and the Economy*, Jones and Lerner.
- T. Diamandis, J. Lopez, **F. Murray** (2025). Support PhDs building deep-tech ventures. Science. Vol 387, Issue 6739.
- M. Delgado, **F. Murray** (2025). How Some Universities Translate Inclusive Innovation into Regional Growth. *Issues in Science and Technology*. January Issue.
- D. Brunner, E. Levine, **F. Murray**, R. Burk (2025).Why the US and Europe could lose the race for Fusion Energy. MIT Technology Review July 2025.

- E. Levine, **F. Murray** (2024). How the US and its Allies can rebuild Economic Security. MIT Technology Review. July 2024.
- J. Guzman, **F. Murray**, S. Stern, H. Williams (2024). Accelerating Innovation Ecosystems: The Promise and Challenges of Regional Innovation Engines in *Entrepreneurship and Innovation Policy and the Economy, volume 3*, Jones and Lerner.
- MF Vellguth, TJ Howard, C Lomberg, **F Murray** (2024). Oversight Through Insight: How Venture Boards Overcome Knowledge Disparity. Academy of Management Proceedings, 2024.
- M. Delgado, **F. Murray** (2023). "Faculty as Catalysts for Training New Inventors". *Proceedings of the National Academy of Sciences August 2023.*
- P. Budden, **F. Murray** (2022). "Strategically Engaging with Innovation Ecosystems". *Sloan Management Review Winter 2022.*
- M. Delgado, **F. Murray** (2023). "Mapping the Regions, Organizations and Individuals that Drive Inclusion in the Innovation Economy". *Entrepreneurship & Innovation Policy and the Economy 2022.*
- E. Johnson, **F. Murray** (2021). "Innovation Starts by Defining the Right Constraints". *Harvard Business Review April 2021.*
- E. Johnson, **F. Murray** (2020). "What a Crisis Teaches us About Innovation". *Sloan Management Review Winter 2020.*
- S. Cohen, D. Fehder, Y. Hochberg & **F. Murray** (2019). "The Design and Evaluation of Start Up Accelerators". *Research Policy 48(7):1781-1797.*
- Fehder, D. & **F. Murray** (2018) Evaluation of Early-Stage Ventures: Bias Across Different Evaluation Regime. *Academy of Management Proceedings*.
- L. Frolund, **F. Murray,** M. Riedel (2018). "Developing Successful Strategic Partnerships with Universities". *Sloan Management Review Winter 2018.*
- S. Burger, **F. Murray,** S. Kearney & L. Ma (2018). The Investment Gap that Threatens the Planet. *Stanford Social Innovation Review Winter 2018.*
- Claudel M, Massaro E, Santi P, **Murray F**, Ratti C (2017) An exploration of collaborative scientific production at MIT through spatial organization and institutional affiliation. PLoS ONE12(6): e0179334.
- M. Burstein and **F. Murray** (2016). Governing Innovation Prizes. Harvard Journal of Law and Technology. Vol 29 (2).
- **F. Murray,** P. Aghion, M. Dewatrapont, J. Kolev & S. Stern (2016). "Of Mice and Academics: The Role of Openness in Science". *American Economic Journal*. And NBER Working Paper #14819.

EDITORIALS & THOUGHT LEADERSHIP

- Don't Quit the Long Game. Science with Dr. S. Raff, 3 April 2025.
- From scientist to founder. Five tips for succeeding in deep tech. The International Institute for Management Development with Dr. S. Raff. October 2025.
- Europe Needs Shared Defense Capabilities? Project Syndicate Commentary with Lars Frolund. Jan 2025.
- Dual-Use is a Strategy, Not a Category? War on the Rocks with Gene Keselman. January 2025.
- Policymakers need a fresh approach on capital gains tax increases: Governments should consider lower rates for investments that drive innovation. Financial Times. October 2024.
- Can Europe Really Build Its Own DARPA? Project Syndicate Commentary with Lars Frolund. October 2024.