NEIL THOMPSON

ACADEMIA	**Research Scientist, MIT Computer Science & A.I. Lab**	2018 –
	Visiting Professor, Harvard Lab for Innovation Science	2017 –
	Associate Member, Broad Institute (Genetics)	2015 –
	Assistant Professor, MIT Sloan School of Management ▪ Teaching: Competitive Strategy (Rating: 4.7/5.0) ▪ Teaching: Running Business Experiments (Rating: 4.7/5.0)	2013 – 2018
	Co-Director, MIT Sloan Experimental Innovation Lab	2016 – 2018
EDUCATION	**PhD in Business & Public Policy** (Berkeley, Haas) ▪ PhD Minor: Computational Science and Engineering	2007 – 2012
	Masters in Statistics (Berkeley)	2010 – 2012
	Masters in Computer Science (Berkeley) ▪ Parallel Computing Lab	2008 – 2012
	Masters in Economics (London School of Economics)	2003 – 2004
	Bachelors in Economics / Int'n Development (Queen's)	1997 – 2001
	Bachelors in Physics (Queen's)	1997 – 2000
BUSINESS	**AMD** (oncology diagnostics start-up with ~$2M funding) ▪ Board of Directors and Advisor	2008 –
	Lawrence Livermore National Laboratory ▪ Work on next-generation nuclear power and on technology transfer	2008
	Bain and Company Senior Associate Consultant (UK, South Africa & Australia) ▪ Advised corporate leaders of FTSE 100 companies ▪ Led a group of 10+ in a multi-million dollar improvement program	2004 – 2007
	Previous Employers United Nations (Poland), Canadian Embassy (Egypt), Canadian Parliament, Canadian Department of Foreign Affairs, World Bank	

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RESEARCH (SELECTED SUBSET)

MOORE'S LAW & COMPUTING PERFORMANCE

The Economic Impact of Moore's Law: Evidence from when it faltered
Thompson   *Revising after feedback from Management Science*

There's Plenty of Room at the Top: What will drive growth in computer performance after Moore's Law ends? - Leiserson et al.   *R&R Science*

Deep Learning, Hardware Specialization and the Unwinding of a General-Purpose Technology - Thompson, Spanuth   *In Progress*

TOOLS & INNOVATION

Science is shaped by Wikipedia: Evidence from a RCT
Thompson, Hanley   *Revising after feedback from QJE*

Gene synthesis allows biologists to source genes from farther away in the tree of life - Kunjapur, Pfingstag, Thompson   *Revising for Nature Comm.*

When the Frontier of Science moves forward, who moves with it and who doesn't? Evidence from the DNA-editing technology, CRISPR
Thompson, Zyontz   *In Review, Management Science*

PATENTING & LICENSING

University Licensing and the Flow of Scientific Knowledge
Thompson, Ziedonis, Mowery   *R&R Research Policy*

How to Measure and Draw Causal Inferences with Patent Scope
Kuhn, Thompson   *Accepted, USPTO special issue, IJEB*

Does Winning a Patent Race lead to more follow-on Innovation?
Thompson, Kuhn   *Revising after feedback from ReStat*

MANAGING INNOVATION

Corporate Innovation in the Digital Age
Thompson, Bonnet, Ye   *In Progress*

Trade-offs in Firm Culture? Nope, You Can Have It All
Sull, Kang, Thompson, Hu   *In Review, Strategic Management Journal*

First Solar (Teaching Case) – Thompson and Ballen   *Learning Edge Cases*

FUNDING   8 grants, totalling ~$1,000,000

AWARDS (SELECTED)

Best Paper Award, DRUID	2018
EFMD Best Case for Bringing Technology to Market	2018
Wharton Reimagine Education: Stars Hybrid Learning Bronze Award	2016

ACTIVITIES

National Academies Panel – Transformational Tech. Advances	2017
Algorithm-Wiki.org – Crowdsourced algorithm database (Founder)	2017
Government Advisory – Future of Moore's Law	2016
Gates Foundation – Facilitator, Product Development Workshop	2017
Neuroscience, Gallant Lab - Decoding semantics from brain activity	2010