

Kenneth A. Younge, Ph.D.

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WORK EXPERIENCE

- Principal**, *Kenneth Younge Advisory* 2026 – present
Founder: Independent advisory on AI-driven knowledge work: setup and training, evaluation and audit, leadership and strategy.
- Director**, *The Axis Workflow™* 2026 – present
Lead developer: Open-source project to coordinate workflows and AI agents.
- Scientific Director**, *Quant AI*® 2020 – 2024
Founder: Consultancy on data science and AI. Sold <https://quant.ai> in 2024.
- Associate Professor**, *EPFL* 2015 – 2022
Chair of Technology & Innovation Strategy, Swiss Federal Institute of Technology
Founder and Director of the **Data Science for Managers** program.
- Affiliated Faculty**, *Stanford University* 2017 – 2019
CODEX Center for Legal Informatics, Stanford Law School.
- Director**, *Patent Research Foundation, LLC* 2015 – 2018
Co-founder: Developed vector space models to predict patent trends, patent portfolio valuation, and the strategic freedom to operate.
- Assistant Professor**, *Purdue University* 2013 – 2015
Assistant Professor of Strategic Management, Krannert School of Management.
- Director of Development**, *Total Patient Health Systems, LLC* 2005 – 2007
Co-founder: Developed disease management platform; pilot with Kaiser.
- President**, *Total Trainer, Inc.* 2002 – 2005
Co-founder: Worked with the US Olympic Training Center to develop software and sell training programs. Sold company to private equity in 2005.
- Consultant**, *Ideal Computing Solutions, Inc.* 1997 – 2002
Co-founder: Advised clients on IT projects and web applications.
- President**, *Expert Connection, Inc.* 1994 – 1997
Co-founder: Launched an online marketplace to hire technical experts.
Sold to a competitor backed by Dun & Bradstreet in 1997.
- Consultant**, *Mercer Management Consulting* (now *Oliver Wyman*) 1992 – 1993
Project Lead: privatization of Polish State Railway; traffic forecasting for UPS; executive training for Southern Pacific; process re-engineering for a major US railway.

EDUCATION

University of California, Berkeley	Postdoc	Technology & Innovation	2013
University of Colorado	Ph.D.	Strategy & Entrepreneurship	2012
Stanford University	M.A.	International Policy Studies	1995
Brown University	B.A. Honors	Economics & IR	1991

PUBLICATIONS

- “Strategic Citation: A Reassessment” (with Jeffrey Kuhn and Alan Marco), *Review of Economics and Statistics*, 105(2): 458-466 (2023).
- “Motivating Innovation: The Effect of Loss Aversion on the Willingness to Persist” (with Yaroslav Rosokha), *Review of Economics and Statistics*, 102(3): 569-582 (2020).
- “Patent Citations Reexamined” (with Jeffrey Kuhn and Alan Marco), *RAND Journal of Economics*, 51(1): 109-132 (2020).
- “Text Similarity in Vector Space Models: A Comparative Study” (with Omid Shahmirzadi and Adam Lugowski), *IEEE-ICMLA* (18th International Conference on Machine Learning and Applications, 2019). *arXiv*:1810.00664 (2019).
- “Competitive Pressure on the Rate and Scope of Innovation” (with Tony Tong), *Journal of Economic Behavior & Organization*, 150: 162-181 (2018).
- “Duty of Disclosure for Patent Applicants: Trends, Technologies, and Best Practices” (with Thomas Melling and Jeffrey Kuhn), *ACC Docket* (September 2017).
- “The Value of Employee Retention: Evidence from a Natural Experiment” (with Matt Marx), *Journal of Economics & Management Strategy*, 25: 652-677 (2016).
- “Innovation and Entrepreneurship in Renewable Energy” (with Ramana Nanda and Lee Fleming), *The Changing Frontier: Rethinking Science and Innovation Policy* (Adam Jaffe and Ben Jones, editors) *National Bureau of Economic Research* (2015).
- “How Anticipated Employee Mobility Affects Acquisition Likelihood: Evidence from a Natural Experiment” (with Tony Tong and Lee Fleming), *Strategic Management Journal*, 36: 686-708 (2015). Winner of the 2011 **Strategic Management Society Best Conference Paper Prize**.
- “Employee Mobility and the Appropriation of Value from Knowledge” Ph.D. Dissertation, The University of Colorado. Winner of the 2013 **BPS-AOM Outstanding Dissertation Award**.
- “Clean Energy Innovation: Sources of Technical and Commercial Breakthroughs” (with Thomas Perry, Mackay Miller, Lee Fleming, and James Newcomb), *National Renewable Energy Laboratory*, NREL/TP-6A20-50624 (2011).

TECHNICAL REPORTS & WORKING PAPERS *(SSRN, arXiv, by request)*

“Corrected Measures for Patent Citation Analysis: Accounting for Published Patent Applications” (with Jeffrey Kuhn), *SSRN*, <https://dx.doi.org/10.2139/ssrn.3428375> (2019).

“Patent-to-Patent Similarity: A Vector Space Model” (with Jeffrey Kuhn), *SSRN*, <http://dx.doi.org/10.2139/ssrn.2709238> (2015).

“Sample Fit Reliability” (with Gabriel Okasa).

“Opportunity Costs of Automation in Dynamic Environments: A Computational Analysis” (with Max Hofer).

“Risky Data: Text-Based Disclosures of Risk at IPO” (with Max Hofer).

“First Movers and Follow-on Invention: Evidence from a Vector Space Model of Invention” (with Jeffrey Kuhn).

“Science and the Mobility Discount” (sole author).

AWARDS & HONORS

Best Teacher Award – MTE Program, EPFL	2021
Best Teacher Award – MTE Program, EPFL	2020
Best Teacher Award – MTE Program, EPFL	2017
Distinguished Teacher Award – MBA Program, Purdue University	2015
Distinguished Teacher Award – MBA Program, Purdue University	2014
Distinguished Teacher Award – Undergraduate Program, Purdue University	2014
Outstanding Dissertation Award in Business Policy and Strategy, AOM	2013
Best Conference Paper Award, Strategic Management Society	2011
Outstanding Teaching Award for a Doctoral Student, University of Colorado	2011
M&E Faculty Research Excellence Award, University of Colorado	2011
M&E Doctoral Research Citizen Award, University of Colorado	2010
Susan Colver Rosenberger Prize, Brown University	1991
Departmental Honors in International Relations, Brown University	1991
<i>Magna Cum Laude</i> (GPA 3.98), Brown University	1991
Phi Beta Kappa, Brown University	1991

TEACHING

Data Science for Business	Masters	2017, 2018, 2019, 2020, 2021, 2022
Data Science for Managers	Exec Ed	2018, 2019, 2020, 2021, 2022
Computational Research Methods	Doctoral	2016, 2017, 2018, 2019, 2021
Technology & Innovation Strategy	Masters	2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021
Strategic Management	Bachelors	2014, 2015, 2016
Entrepreneurship Business Plans	Bachelors	2010, 2011

Recognized for **distinguished teaching** in 2011, 2014, 2015, 2017, 2020, 2021.

PRESENTATIONS & WORKSHOPS

Applied Machine Learning Days (EPFL, Switzerland)	2020
IEEE ICMLA (Boca Raton, FL)	2019
Oxford/SSE Workshop on Inventive Novelty (Oxford, UK)	2019
AOM Patent PDW – Presenter (Chicago, IL)	2018
SKEMA Innovative Data for Economic Analysis Workshop IDEA (Sophia Antipolis)	2018
Imperial College London – Dept. Innovation and Entrepreneurship (London, UK)	2017
AOM Patent PDW – Organizer (Anaheim, CA)	2016
AOM Paper Session – Chair (Anaheim, CA)	2016
Northwestern/Searle – 9th Annual Conference on Innovation Economics (Chicago, IL)	2016
Munich Summer Institute – Max Planck Institute, LMU, ETH (Munich, Germany)	2016
DRUID16 – 20th Anniversary Conference Paper Session (Copenhagen, Denmark)	2016
SKEMA – Spatial Evolution of Industries, Jobs and Innovation (Sophia Antipolis)	2015
EPFL – Chair, 7th Annual Clean Tech Seminar (Lausanne, Switzerland)	2015
USPTO – Chief Economist Seminar Series (Washington, D.C.)	2015
SKEMA Business School – KTO Seminar Series (Sophia Antipolis, France)	2015
AOM Patent PDW – Presenter (Vancouver, Canada)	2014
HEC University of Lausanne – Strategy Department Seminar (Lausanne, Switzerland)	2014
Tilburg School of Economics and Management – Department Seminar (Tilburg, NL)	2014
KU Leuven – Managerial Economics, Strategy & Innovation (Leuven, Belgium)	2014
Max Planck Conference on Employee Mobility and Trade Secrets (Munich, Germany)	2014
Ohio State University – Strategy Department Seminar (Fisher College of Business)	2014

Duke Strategy Conference (Duke Fuqua School of Business)	2014
BPS Managing Your Dissertation Workshop – Organizer (Philadelphia, PA)	2014
AOM Paper Presentation (Philadelphia, PA)	2014
SKEMA Business School – KTO Seminar Series (Sophia Antipolis, France)	2014
Wharton Technology and Innovation Conference (University of Pennsylvania)	2014
New Directions in Analyzing Text as Data – Discussant (London School of Economics)	2013
New Directions in Analyzing Text as Data – Presenter (London School of Economics)	2013
Berkeley Innovation Seminar Series (UCB Economics & Haas School of Business)	2013
BPS Best Dissertation Finalist Presentation (Orlando, FL)	2013
REER Roundtable on Engineering Entrepreneurship Research (Georgia Tech)	2012
CCC Consortium for Cooperation and Competition (University of Maryland)	2012
NBER Productivity Seminar Series (Cambridge, MA)	2011
Ludwig-Maximilians-Universität – Seminar (Munich, Germany)	2011
INSEAD Technology and Operations Management – Seminar (Fontainebleau, France)	2011
MORS Seminar Series (Haas School of Business)	2011
Technische Universität München – Seminar (Munich, Germany)	2011
Berkeley Innovation Seminar Series (UCB Economics & Haas School of Business)	2011
SMS Common Ground Session (Miami, FL)	2011
AOM Paper Presentation (San Antonio, TX)	2011
Harvard Science-Based Business Initiative Seminar Series (Cambridge, MA)	2010
AOM Paper Presentation (Montreal, Canada)	2010

PERSONAL

Climbing

8a/5.13 rock, A4 aid, WI6 ice, D7 dry. Expeditions in Nepal, Bolivia, Argentina, and Chile. Big wall ascents of El Capitan. Winter ascents of Longs Peak Diamond.

Cycling

Extended cycling tours across Mongolia, Bolivia, Europe (Denmark, Germany, Austria, Italy, France, Sweden, Norway, Finland), the United States, and Russia.

Skiing

Skate skiing – Engadin marathon, La Transju marathon, Kandersteg, Rothenthurm.
Ski touring – Randonnée in the Alps; Pulka touring on the Kungsleden, Sweden.