

Mary Kaltenberg

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- appointments** Assistant Professor, Pace University, 2020–Present
Visiting Research Scientist, Brandeis University, 2020 – Present
Affiliated Researcher, UNU-MERIT, 2020 - Present
Post-doctoral Fellow, Brandeis University, 2018 – 2020
- education** Ph.D, Economics, Maastricht University, 2020
MIT Media Lab, Visiting Research Fellow, 2016
M.A. Economics, New School for Social Research, 2012
B.A. Liberal Arts, Eugene Lang College, The New School, 2009
- published papers** Kaltenberg, Mary and Jaffe, Adam B. & Lachman, Margie. (2022) Invention and the Life Course: Age Differences in Patenting. **Forthcoming Jan 2023** in *Research Policy*.
Jun, B., Kaltenberg, M. & Won-Sik, H. (2021). How Inequality Hurts Growth: Revisiting the Galor-Zeira model using the Korean Case. *Pacific Economic Review*.
- working papers** Kaltenberg, M., Jaffe, A. B., & Lachman, M. (2021). The Age of Invention: Matching Inventor Ages to Patents Based on Web-scraped Sources (No. w28768). National Bureau of Economic Research.
Kaltenberg, M. & Foster-McGregor, N. (2021) Decomposing Inequality Across Europe: The Impact of Automation. In Submission.
Hartmann, D., Jara-Figueroa, C., Kaltenberg, M., & Gala, P. (2020) Mapping relative income inequality within and across industrial-occupational groups.
Kaltenberg, M. (2020) Exporting Up: The Importance of Improving Technological Capabilities for Growth. In Submission.
Kaltenberg, M. (2020) The Knowledge Manager: Wage Premiums in Knowledge Diverse Industries.
Ortiz, E.A., Kaltenberg, M., Jara-Figueroa, C., Bornacelly, I., & Hartmann, D. (2019). Local labor market and higher education mismatch: What is the role of public and private institutions? IDB Working Paper.

Albeaik, S., Kaltenberg, M., Alsaleh, M., & Hidalgo, C. A. (2017). 729 New Measures of Economic Complexity. arXiv preprint arXiv:1708.04107.
 Albeaik, S., Kaltenberg, M., Alsaleh, M., & Hidalgo, C. A. (2017). Improving the Economic Complexity Index. arXiv preprint arXiv:1707.05826.

technical
articles

Hartmann, D., Jara-Figueroa, C. & Kaltenberg, M. (2016). The Brazilian Industry-Occupation Space: Structural Heterogeneity and the regional skills demand. IDB Technical Report.
 Verspagen, Bart & Kaltenberg, M. (2015). Catching-up in a Globalized Context: Techno-logical Change as a Driver of Growth. MERIT Working Papers 2015-049, United Nations University - Maastricht Economic and Social Research Institute on Innovation and Technology.

conferences &
seminars

- 2022 NeoCode Conference, virtual
"Does Maternity Hold Back 'Marie Curies'?"
- 2021 American Economic Association (AEA) Annual Meeting, virtual
"Decomposing Inequality Across Europe: The Impact of Automation"
- 2021 CREATE: Regional Inequality in Europe and the United States, virtual
"Decomposing Inequality Across Europe: The Impact of Automation"
- 2020 American Economic Association (AEA) Annual Meeting, San Diego, CA, USA
"Invention and the Life Course: Age Differences in Patenting"
- 2019 Brandeis University Seminar, Waltham, MA, USA
"The Knowledge Manager: Wage Premiums in Knowledge Diverse Industries"
- 2019 Growth Lab, Center for Intl. Dev., Harvard University, Cambridge, MA, USA
"The Knowledge Manager: Wage Premiums in Knowledge Diverse Industries"
- 2019 NBER Productivity & Innovation Seminar, Cambridge, MA, USA
"The Knowledge Manager: Wage Premiums in Knowledge Diverse Industries"
- 2019 NBER Summer Institute, Aging & Labor, Cambridge, MA, USA
"Invention and the Life Course: Age Differences in Patenting"
- 2019 Eastern Economics Association (EEA) Annual Meeting, New York, NY, USA
"Decomposing Inequality Across Europe: The Impact of Automation"
- 2018 American Assoc. for Geographers (AAG) Annual Meeting, New Orleans, LA, USA
"Predicting Regional Occupational Dynamics: The Case of Brazil"
- 2017 IBS Jobs Conference: Tech., Demography & the Division of Labour, Warsaw, Poland
"The Knowledge Manager: Wage Premiums in Knowledge Diverse Industries"
- 2017 Festival of Economics, Edinburgh, UK
"The Knowledge Manager: Wage Premiums in Knowledge Diverse Industries"
- 2017 B4: Bits, Bots, Brain and Behavior, Valparaiso, Chile
"The Knowledge Manager: Wage Premiums in Knowledge Diverse Industries"
- 2015 UNIDO Presentation, Vienna, Austria

"Catching-up in a Globalized Context: Technological Change as a Driver of Growth."

2014 ECLAC/CEPAL Summer School, Santiago, Chile,

2014 INET Conference, Roundtable Panelist with Martin Wolf, Toronto, Canada

service

Program Initiator: Computational Economics Bachelor of Science Major (Pace University)

Co-Organizer: Society of Fellows Weekend Seminar, 2021, Pace University

Organizer: "Issues on Health Economics and Labor Markets", 2021, Eastern Economics Association Conference (Panel consisted of Pace students)

Co-Founder: Geography of Innovation and Complexity Conference (2018 - Present)

Co-lead Organizer: Knowledge & Institutions in Complex Systems 2019, University of Victoria

Co-Organizer: YSI Pre-conference workshop at Eastern Economics Association

Co-Organizer: The Tech Economist, North America YSI Convening, University of Southern California

Reviewer: Cities, Journal of Evolutionary Economics

teaching

Sp 2022	Introduction to Microeconomics
Sp 2021, Sp 2022	Applied Econometrics (Graduate)
Sp 2021, Fall 2021	Quantitative Analysis & Forecasting
Fall 2020, Fall 2021	Data Analysis for R & Python (Undergraduate, Graduate)
Fall 2020, Fall 2021	Seminar in Economic Research
Sp 2020	Economics of the Internet
Fall 2020	Introduction to Python for Economists (Graduate Level), short course
Sp 2017	Introduction to Stata (Graduate Level, short course)
Sp 2017	Introduction to Panel Data (Graduate Level, short course)
Fall 2015	Econometrics Plus (Graduate Level), TA
Fall 2015, Fall 2014	Econometrics (Graduate Level), TA
Fall 2015	Introduction to Data Science (Graduate Level) TA,
Fall 2014	Introduction to Statistics (Graduate Level), TA

software

Python (numpy, scipy, pandas, scikit learn, nltk, matplotlib, seaborn), STATA, R, SQL

non-academia

2018 Inter-American Development Bank (IDB), Consultant

2015 UNIDO IDR 2016, Consultant with B. Verspagen

2014 UNICEF, Health Section, Consultant

2010-2013 U.S. Fund for UNICEF, Gifts Officer