

# MARC LERCHENMUELLER

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## ACADEMIC POSITIONS

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Since 2019     *Assistant Professor of Technological Innovation and Management Science,  
Mannheim Business School, Germany*

2019            *Assistant Professor, Department of Strategy and Innovation  
Copenhagen Business School, Denmark (declined)*

Since 2023     *Research Fellow, Leibniz Center for European Economic Research, Germany*

2014 - 2021    *Research Fellow, Yale University, School of Management, USA*

## EDUCATION

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### WHU OTTO BEISHEIM SCHOOL OF MANAGEMENT

Dr. rer. pol in Business Economics, 2013

Supervisors: David Audretsch, Olav Sorenson, Juergen Weigand

Visit PhD Program Yale School of Management (2011-13)

- *Academy of Management Heizer Dissertation Award finalist and Louis Pondy Dissertation Award finalist (one of three globally)*

### YALE UNIVERSITY, SCHOOL OF PUBLIC HEALTH

MPH, Master in Public Health, policy and regulatory affairs tracks, 2013

### LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE

Diploma in Public Health, health care management distant learning track, 2012

### UNIVERSITY OF OXFORD

MSc Master in Financial Economics (Brasenose College), 2007

### IMPERIAL COLLEGE LONDON

BSc, Bachelor of Management Science, 2006

## PUBLICATIONS

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1. Schmallenbach L., Bärnighausen T.W., **Lerchenmueller M.J.** (2024). „The Global Geography of Artificial Intelligence in Life Science Research“. Nature Communications. *Forthcoming*.
2. **Lerchenmueller, M. J.**, Schmallenbach, L., Bley, M., & Lerchenmüller, C. (2023). „Gender disparities in altmetric attention scores for cardiovascular research“. Communications Biology, 6(1), 741.
3. Lerchenmüller, C., Schmallenbach, L., Jena, A. B., & **Lerchenmueller, M. J.** (2021). Longitudinal analyses of gender differences in first authorship publications related to COVID-19. BMJ open, 11(4), e045176.
4. **Lerchenmueller, M. J.**, Sorenson, O., & Jena, A. B. (2019). Gender differences in how scientists present the importance of their research: observational study. *bmj*, 367.
5. **Lerchenmueller, M. J.**, Sorenson, O., & Jena, A. B. (2019). How women undersell their work. Harvard Business Review: HBR, 2019(Digital Article), December-20.
6. **Lerchenmueller, M. J.**, & Sorenson, O. (2018). The gender gap in early career transitions in the life sciences. Research Policy, 47(6), 1007-1017.
7. Lerchenmüller, C.\*, **Lerchenmueller, M. J.\***, & Sorenson, O. (2018). Long-term analysis of sex differences in prestigious authorships in cardiovascular research supported by the National Institutes of Health. Circulation, 137(8), 880-882.  
\*Authors contributed equally
8. **Lerchenmueller, M. J.**, & Sorensen, O. (2017). Junior female scientists aren't getting the credit they deserve. Harvard Business Review: HBR, 2017(Digital Article), 22.03. 2017), 2-5.
9. **Lerchenmueller, M. J.**, & Sorenson, O. (2016). Author disambiguation in PubMed: evidence on the precision and recall of authority among NIH-funded scientists. PLoS One, 11(7), e0158731.

## REPORTS, BOOK CHAPTERS, OPEN EDUCATION

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- Oertelt-Prigione, S., Andersen, J. P., Squazzoni, F., Husu, L., Belloso, M. L., **Lerchenmueller, M. J.**, ... & Bywater, M. (2023). COVID-19 impact on gender equality in research & innovation: policy report. Publications Office of the European Union.
- **Lerchenmueller, M. J.** (2022). How Big Is the Gender Gap? Claim and Reality of Gender Equality Policy. Ifo Institute for Economic Research, ifo Schnelldienst,
- Hoisl, K., Lerchenmüller, C., **Lerchenmueller, M.J.**, & Schmallenbach, L. (2022). The power of attention: early indications of how the COVID-19 pandemic has affected the direction of scientific research in the life sciences. Resilience and Ingenuity Global Innovation Responses to COVID-19. Center for Economic and Policy Research *CEPR*.
- Jena, A. B., **Lerchenmueller, M. J.**, Sorenson, O. (2019). Men Call Their Own Research ‘Excellent’. New York Times

## WORKING PAPER

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- “The Effect of Mentor Gender on the Evaluation of Mentee’s Independent Work”  
(with Leo Schmallenbach and Karin Hoisl)
- “Designing Successful Drug Trials.”  
(with Rebeca Mendez and Olav Sorenson)
- “Does More Money Lead to More Innovation? Evidence From the Life Sciences.” (solo author)
- “Atlas of Inequalities in the Global Science System.”  
(with Leo Schmallenbach, Carolin Lerchenmüller, Lili Miao, Cassidy Sugimoto)

## RESEARCH FUNDING

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- Visiting scholarship University of Mannheim, DFG (German Research Foundation) grant 2017 (EUR 18,000)
- DFG (German Research Foundation) research grant 2014-2016 (EUR 120,000)
- DAAD (German Academic Exchange Service) research grant 2014-2016 (EUR 120,000), declined
- Yale University Research Fellowship 2012 (EUR 4,000)
- Connex (Dr. Hans Riegel-Stiftung), interdisciplinary research grant 2024, with Leo Schmallenbach and Maximilian Bley (EUR 6,500)

## ADVISORY TO PUBLIC ORGANIZATIONS

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- 2022–2023    Invited to European Commission Expert Panel on  
Impact of COVID-19 on Science
- 2022 –        Invited to the International Scientific Advisory Board of  
Scientific Elites Project (Independent Research Fund Denmark)
- 2020 –        Invited Mentor for the German State of Baden-Württemberg  
Life Science Accelerator

## ACADEMIC HONORS

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- 2019        Outstanding Reviewer Award, Research Policy
- 2018        Druid Best Paper Award finalist, Druid Society
- 2017        Best Reviewer Award, Academy of Management TIM
- 2017        Showcase Symposium (3-Division sponsored), Academy of Management
- 2016        Louis Pondy Award finalist, Academy of Management OMT
- 2014        Heizer Award finalist, Academy of Management ENT
- 2014        KSG Entrepreneurship Research Award Finalist, G-Forum

## ACADEMIC HONORS CONTINUED

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2012	Yale John D. Thompson Award for research in health care
2007	Imperial College London Orwin Prize for academic achievement
2007	Royal College of Science Prize for best BSc

## PRESENTATIONS

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### **Invited Keynotes and Podiums**

2023	How does Artificial Intelligence Change our Lives, University of Mannheim
2021	Gender and Diversity Day, Leibniz University Hannover
2020	SAP Analytics and Data Days

### **Invited**

2023	Max-Planck-Institute for Innovation and Competition, Munich, GER
2022	Jubilee Symposium, Institute Global Health, University of Heidelberg, GER
2022	INCHER Colloquium, University of Kassel, GER
2022	University of Copenhagen, DK
2021	Swedish University SLU at Uppsala, SWE
2018	University of Zurich, CH
2017	Harvard Medical School, Health Care Policy Department, Boston, USA
2016	Copenhagen Business School, Strategic Management and Globalization, DK
2016	European School of Management and Technology, ESMT, GER
2015	University of British Columbia, Sauder School of Business, CAN
2015	Frankfurt School of Finance and Management, GER

### **General**

2024	University of Toronto, Rotman School of Mgmt. (presented by O. Sorenson)
2024	Cambridge University, Judge Business School, UK (presented by R. Mendez)
2023	Academy of Management annual meeting, Symposium, Boston, USA
2023	Open Innovation in Science (OIS), Vienna, AUS
2022	The National Bureau of Economic Research, Washington D.C., USA
2019	RISE Workshop, Max-Planck Institute, Munich, GER
2018	The National Bureau of Economic Research, Summer Institute, Boston USA
2016 –	Druid Society annual conferences, DK
2025	Babson College Entrepreneurship Conference, Boston, USA
2013	Strategic Management Society annual conference
2012 –	Academy of Management annual meetings

## ORGANIZATION OF CONFERENCES AND SYMPOSIA

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2023	Scientific Committee for Conference on the Dynamics of Entrepreneurship, Leibniz Centre for European Economic Research (ZEW)
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## ORGANIZATION OF CONFERENCES AND SYMPOSIA CONTINUED

- 2023 The Strategy, Technology, and Management of Clinical Trials:  
A Multi-Disciplinary Perspective, Symposium Academy of Management
- 2017 Challenges and Opportunities for Women in Science: A Conversation across Disciplines, Symposium Academy of Management
- 2016 The Gender Gap in Science and Technology: Causes and Consequences, Symposium Academy of Management

## PUBLIC DISCOURSE AND MEDIA

- Research coverage in over 50 international media outlets, including the Atlantic, Boston Globe, CBC, Frankfurter Allgemeine Zeitung (FAZ), Frankfurter Rundschau, Economist, Le Monde, NBC, New York Times, Reuters, Times, Times Higher Education, Times of India, Wall Street Journal, Washington Post
- Invited media commentary: Science during the Corona Pandemic (Frankfurter Allgemeine Zeitung, May 2020)

## ACADEMIC SERVICE

- Reviewer for *Science*, *Research Policy*, *Journal of Operations Management*, *Circulation*

## TEACHING

- 2022 Instructor. Selected Topics in Organizational Behavior.  
*University of Mannheim, Master course*
- 2021 Instructor. Organizational Theory (course in German).  
*University of Mannheim, Master course*
- Since 2019 Instructor. Theory construction in the social sciences.  
*University of Mannheim, Graduate School of Economic and Social Sciences (GESS), PhD course*
- Since 2018 Instructor. Research seminar: Organization and innovation.  
*University of Mannheim, Master course*
- Since 2018 Advisor of > 20 Master Theses  
*University of Mannheim*
- 2016 – 2018 Guest lecturer. Managing and innovating in health care organizations  
*Yale School of Management, Executive MBA program*
- 2015 Guest lecturer. Current topics in management consulting.  
*Tuck School of Business, MBA program*

## DOCTORAL COMMITTEE

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- 2023 Jan Ohmstedt, dissertation thesis: “*Between Performance and Normative Demands: Decision-Making, Purchasing Strategy, and Purchasing Capabilities*”; Area Operations Management (summa cum laude)
- 2022 Nico Marcel Zeiner, dissertation thesis: „*Information Asymmetries and Signals in Markets for Venture Capital: Relevance for the Selection Behavior and Performance of Early-stage Investors*“; Area Management (summa cum laude)

## INDUSTRY EMPLOYMENT

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### AaviGen

- 2019 – *Co-founder and CFO*, AaviGen LLC, Heidelberg, Biotech start-up  
Preclinical stage (€ 22 Mio. financing)  
www.aavigen.com

### InoCard

- 2011 – 2014 *Co-founder*, InoCard LLC, Heidelberg, Biotech start-up  
Successful exit: €3 million up-front plus milestones and royalties  
Gene therapy for heart failure (preclinical stage)
- Health Axis Europe Investor Choice Award 2013
  - Acquired by uniQure (first company with approval for a gene therapy)
  - Entered into \$100 million development alliance with BMS

### The Boston Consulting Group (BCG)

- 2013 – 2014 *Senior Consultant*, The Boston Consulting Group, New York  
Health care industry focus

### The Boston Consulting Group (BCG)

- 2007 – 2010 *Consultant*, The Boston Consulting Group, New York  
Health care and financial services industries

## OPEN SCIENCE

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- Public data: Replication data for *Longitudinal analysis of gender differences in first authorship publications related to COVID-19*.  
2021; doi.org/10.7910/DVN/OOTXIW
- Public data: Replication data for *Gender Differences in how Scientists Present the Importance of Their Research*.  
2019; doi.org/10.7910/DVN/YHJUCJ
- Public data: Replication data for *Sex Differences in Prestigious Authorships in Cardiovascular Research Supported by the NIH*.  
2017; doi/10.7910/DVN/RGK5E1