

# MARC LERCHENMUELLER

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## ACADEMIC POSITIONS

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- Since 2019     *Junior 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 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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Total citations: 472; h-index: 6; Average Journal Impact Factor (JIF 2020): 13.6

1. “Longitudinal analysis of gender differences in first authorship publications related to COVID-19.” (with Carolin Lerchenmüller, Leo Schmallenbach, Anupam B. Jena), *BMJ Open*, 2021. 11:e045176. doi: 10.1136/bmjopen-2020-045176; [JIF 2.7]
2. “Gender Differences in how Scientists Present the Importance of Their Research.” (with Olav Sorenson, Anupam B. Jena), *BMJ*, 2019. 367, <https://doi.org/10.1136/bmj.l6573>: 2019; [JIF 39.9]  
– Covered in international media, like *Economist*, *FAZ*, *New York Times*, *WSJ*
3. “How Women Undersell their Work.” (with Olav Sorenson, Anupam B. Jena), *Harvard Business Review*, 2019; [JIF 6.9, FT 50]
4. “The Gender Gap in Early Career Transitions in the Life Sciences.” (with Olav Sorenson), *Research Policy*, 2018. 47(6): 1007-1017: 2018; [JIF 8.1, FT 50]  
– Highly cited status (top 1%) in ISI Web of Science field index
5. “Long-term Analysis of Sex Differences in Prestigious Authorships in Cardiovascular Research Supported by the NIH.” (with Carolin Lerchenmüller, Olav Sorenson), *Circulation*, 2018. 137(8), 880-882: 2018; [JIF 29.7]
6. “Junior Female Scientists aren’t Getting the Credit They Deserve.” (with Olav Sorenson), *Harvard Business Review*, 2017; [JIF 6.9, FT 50]
7. “Author Disambiguation in PubMed: Evidence on the Precision and Recall of Authority among NIH-Funded Scientists.” (with Olav Sorenson), *PLoS One*, 2016. 11(7): e0158731: 2016; [JIF 3.2]

## REPORTS AND BOOK CHAPTERS

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- “COVID-19 impact on gender equality in research and innovation.” (Co-author of Expert Group Report). *European Commission Report, forthcoming 2023*
- “How Big Is the Gender Gap?” Claim and Reality of Gender Equality Policy.” *Ifo Institute for Economic Research, ifo Schnelldienst, 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.” (with Karin Hoisl, Carolin Lerchenmüller, Leo Schmallenbach), *Center for Economic and Policy Research, 2022*

## OTHER PUBLICATIONS

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- “Women Mentors in Science.” (with Karin Hoisl, Leo Schmallenbach) *Academy of Management Best Paper Proceedings, 2021*
- “Men Call Their Own Research ‘Excellent’.” (with Olav Sorenson, Anupam B. Jena), *New York Times*, 2019

## Other publications continued

- “Innovation: The Roles of Intellectual Capital, Knowledge Augmentation and Environmental Dynamism.” *Academy of Management Best Paper Proceedings*, 2017
- “An Integrated Model of Corporate Strategic Entrepreneurship in Service and Manufacturing Contexts.” *Academy of Management Best Paper Proceedings*, 2014
- “The Contextual Specificity of Human and Organizational Capital for Innovation.” *Academy of Management Best Paper Proceedings*, 2014

## WORKING PAPER

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- “Gender Disparities in the Attention to Cardiovascular Research”. (with Leo Schmallenbach, Maximilian Bley, Carolin Lerchenmüller)  
– *Revise & Resubmit*
- “The Effect of Mentor Gender on the Evaluation of Protégés”. (with Leo Schmallenbach and Karin Hoisl)  
– *Preparing for submission*
- “Does More Money Lead to More Innovation? Evidence From the Life Sciences.”  
– *Finalist for Druid Best Paper Award*  
– *Preparing for submission*
- “The Geography of Artificial Intelligence and Implications for Clinical Application”. (with Leo Schmallenbach and Till Bärnighausen)  
– *Preparing for submission*

## 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)

## ADVISORY TO PUBLIC ORGANIZATIONS

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- 2022– Invited to European Commission Expert Panel on Impact of COVID-19 on Science
- 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
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

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
2015	Babson College Entrepreneurship Conference, Boston, USA
2013	Strategic Management Society annual conference
2012 –	Academy of Management annual meetings

## ORGANIZATION OF CONFERENCES AND SYMPOSIA

- 2023      Scientific Committee for Conference on the Dynamics of Entrepreneurship,  
Leibniz Centre for European Economic Research (ZEW)
- 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

- Invited to Advisory Board for the international research project on scientific elites, Independent Research Fund Denmark
- 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*

## Teaching continued

- 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*
- 2011             Guest lecturer. Current topics in management consulting.  
*University of San Diego, 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, completion of first financing round (€ 5 Mio.)  
[www.aavigen.com](http://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