

MARC LERCHENMUELLER

University of Mannheim, Business School ■ EO233 Schloss ■ 68161 Mannheim ■ Germany
Leibniz Center for European Economic Research ■ Germany
Email: marc.lerchenmueller@uni-mannheim.de | marclerchenmueller.com

Academic Positions

- 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)
- 2023 – Research Fellow, Leibniz Center for European Economic Research, Germany
- 2014 – 2019 Research Fellow, Yale University, School of Management, USA

Education

- 2013 **WHU Otto Beisheim School of Management** — Dr. rer. pol
in Business Economics
Supervisors: David Audretsch, Olav Sorenson, Juergen Weigand;
Visiting 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)
- 2013 **Yale University, School of Public Health** — MPH, policy and regulatory affairs
- 2012 **London School of Hygiene & Tropical Medicine** — Diploma in Public Health,
health care management (distance learning)
- 2007 **University of Oxford (Brasenose College)** — MSc, Master in Financial Economics
- 2006 **Imperial College London** — BSc, Bachelor of Management Science

Publications

- Schmallenbach, L., Bley, M., Bärnighausen, T. W., Sugimoto, C. R., Lerchenmüller, C., & **Lerchenmueller, M. J.** (2025). Global distribution of research efforts, disease burden, and impact of US public funding withdrawal. *Nature Medicine*. Advance online publication. <https://doi.org/10.1038/s41591-025-03923-0>
- Schmallenbach, L., Bärnighausen, T. W., & **Lerchenmueller, M. J.** (2024). The global geography of artificial intelligence in life science research. *Nature Communications*, 15(1), 7527.
- Lerchenmueller, M. J.**, Schmallenbach, L., Bley, M., & Lerchenmüller, C. (2023). Gender disparities in altmetric attention scores for cardiovascular research. *Communications Biology*, 6(1), 741.
- 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.
- Lerchenmueller, M. J.**, Sorenson, O., & Jena, A. B. (2019). Gender differences in how scientists present the importance of their research: observational study. *BMJ*, 367.
- Lerchenmueller, M. J.**, Sorenson, O., & Jena, A. B. (2019). How women undersell their work. *Harvard Business Review* (Digital Article), December 20.

7. **Lerchenmueller, M. J.**, & Sorenson, O. (2018). The gender gap in early career transitions in the life sciences. *Research Policy*, 47(6), 1007–1017.
8. 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. *Equal contribution.
9. **Lerchenmueller, M. J.**, & Sorensen, O. (2017). Junior female scientists aren't getting the credit they deserve. *Harvard Business Review* (Digital Article, 22.03.2017), 2–5.
10. **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

- 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 Schnelldienst*, Ifo Institute for Economic Research.
- 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. In *Resilience and Ingenuity: Global Innovation Responses to COVID-19*. CEPR.
- Jena, A. B., Lerchenmueller, M. J., Sorenson, O. (2019). Men Call Their Own Research 'Excellent'. *New York Times*.

Working Papers

- Intergenerational Transmission of Gender Bias and Knowledge Diffusion (with Leo Schmallenbach and Karin Hoisl).
- Designing Successful Experiments (with Rebeca Méndez-Dúron and Olav Sorenson).
- LLM Classification of Diseases in the Execution of Clinical Trials (with Leo Schmallenbach, Thu-Huong Vu, Maximilian Bley, Carolin Lerchenmüller, Olav Sorenson).
- From Mortality to Morbidity: The Emerging Gender Research Gap in Global Health (with Maximilian Bley, Leo Schmallenbach, Till W. Bärnighausen, Cassidy Sugimoto, Carolin Lerchenmüller).
- Does More Money Lead to More Innovation? Evidence From the Life Sciences (solo author).
- Investing in AI for Global Health: A Strategic Imperative for Big Business (with Leo Schmallenbach and Cassidy Sugimoto).

Research Funding

- Helmholtz Information and Data Science School for Health (HIDSS4Health) research grant 2024, with Till W. Bärnighausen (EUR 8,000).
- Connex (Dr. Hans Riegel-Stiftung) interdisciplinary research grant 2024, with Leo Schmallenbach and Maximilian Bley (EUR 6,500).
- Visiting scholarship University of Mannheim, DFG grant 2017 (EUR 18,000).
- DFG research grant 2014–2016 (EUR 120,000).

- DAAD research grant 2014–2016 (EUR 120,000), declined.
- Yale University Research Fellowship 2012 (EUR 4,000).

Advisory to Public Organizations

| | |
|-------------|---|
| 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

| | |
|------|--|
| 2019 | Outstanding Reviewer Award, <i>Research Policy</i> |
| 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 Bachelor degree |

Presentations

Invited Keynotes and Podiums

| | |
|------|---|
| 2025 | DeepTech Panel, NXTGN Startup Sommertour, ZEISS Innovation Hub at KIT |
| 2024 | Research on Research Symposium, Swiss National Science Foundation |
| 2023 | How does Artificial Intelligence Change our Lives, University of Mannheim |
| 2022 | Jubilee Symposium, Institute Global Health, University of Heidelberg, GER |
| 2021 | Gender and Diversity Day, Leibniz University Hannover |
| 2020 | SAP Analytics and Data Days |

Invited

| | |
|------|---|
| 2025 | New York University (NYU), Stern School of Business, USA |
| 2025 | Heidelberg Institute of Global Health, University of Heidelberg, GER |
| 2025 | School of Management, Politecnico di Milano, Milan, ITA |
| 2025 | Workshop on Funding of Science and Innovation, Stockholm, SWE |
| 2025 | curATalk seminar, University Medical Center Mainz (TRON), Mainz, GER |
| 2024 | Bocconi University, Milano, ITA (presented by K. Hoisl) |
| 2024 | Cambridge University, Judge Business School, UK (presented by R. Mendez) |
| 2023 | Workshop on Funding of Science and Innovation, Milano, ITA |
| 2023 | EU Science Policy, Leibniz Center for European Economic Research, Mannheim, GER |
| 2023 | Max-Planck-Institute for Innovation and Competition, Munich, GER |
| 2022 | INCHER Colloquium, University of Kassel, GER |
| 2022 | University of Copenhagen, DK |

Invited (continued)

| | |
|------|--|
| 2021 | University of Bergen, Center for Research on Cardiac Disease in Women, presentation, online, Bergen, NOR |
| 2021 | Swedish University SLU at Uppsala, SWE |
| 2019 | Strategy, Entrepreneurship, and Innovation (SEI) Faculty Workshop 2019, IESE Barcelona, SP |
| 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 |

Conferences

| | |
|------|---|
| 2025 | Academy of Management annual meeting, paper presentation, Copenhagen, DK |
| 2025 | International Conference of Science of Science & Innovation, Copenhagen, DK (presented by L. Schmallenbach) |
| 2024 | Druid Society annual conference, paper presentations, Nice, FR |
| 2023 | Academy of Management annual meeting, Symposium, Boston, USA |
| 2023 | Open Innovation in Science (OIS), paper presentation, Vienna, AUS |
| 2022 | The National Bureau of Economic Research, paper presentation, Washington D.C., USA |
| 2022 | Druid Society annual conference, paper presentations, Copenhagen, DK |
| 2021 | Academy of Management annual meeting, paper presentation, virtual |
| 2019 | RISE Workshop, Max-Planck Institute, paper presentation, Munich, GER |
| 2019 | The Organisation, Economics and Policy of Scientific Research Conference, paper presentation, Bordeaux, FR |
| 2019 | Druid Society annual conference, paper presentations, Copenhagen, DK |
| 2018 | The Organisation, Economics and Policy of Scientific Research Conference, paper presentation, Bath, UK |
| 2018 | The National Bureau of Economic Research, Summer Institute, paper presentation, Boston, USA |
| 2018 | Academy of Management annual meeting, paper presentation, Chicago, USA |
| 2018 | Druid Society annual conference, paper presentations, Copenhagen, DK |
| 2017 | Academy of Management annual meeting, paper presentation, Atlanta, USA |
| 2016 | Druid Society annual conference, paper presentations, Copenhagen, DK |
| 2016 | Academy of Management annual meeting, paper presentation, Anaheim, USA |
| 2015 | Academy of Management annual meeting, paper presentation, Vancouver, CAN |
| 2014 | Academy of Management annual meeting, paper presentation, Philadelphia, USA |
| 2013 | Strategic Management Society annual conference, paper presentation, Atlanta, USA |

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 |

Public Discourse and Media

- Research coverage in 50+ 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

- Voting member of the Senate Commission for Gender Equality at the University of Mannheim, representing the group of professors.
- Reviewer for *BMJ*, *Circulation*, *Journal of Operations Management*, *Organization Science*, *Quantitative Social Science*, *Research Policy*, *Science*.

Teaching

| | |
|-----------|--|
| 2025 | Academic head. Global Innovation Challenge. MBA and Master levels. Multiple Universities |
| 2022 | Instructor. Selected Topics in Organizational Behavior. University of Mannheim (Master). |
| 2021 | Instructor. Organizational Theory (German). University of Mannheim (Master). |
| 2019 – | Instructor. Theory construction in the social sciences. GESS, University of Mannheim (PhD). |
| 2018 – | Instructor. Research seminar: Organization and innovation. University of Mannheim (Master). |
| 2018 – | Advisor of >30 Master Theses, University of Mannheim. |
| 2016–2018 | Guest lecturer. Managing and innovating in health care organizations. Yale School of Management (Executive MBA). |
| 2015 | Guest lecturer. Current topics in management consulting. Tuck School of Business (MBA). |

Doctoral Committee

| | |
|------|---|
| 2023 | Jan Ohmstedt, dissertation: “Between Performance and Normative Demands: Decision-Making, Purchasing Strategy, and Purchasing Capabilities”; Area Operations Management (summa cum laude). |
| 2022 | Nico Marcel Zeiner, dissertation: “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

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).

- 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, New York (Health care).
2007 – 2010 Consultant, New York (Health care and financial services).

Open Science

- Public data: Replication data for *Global distribution of research efforts, disease burden, and impact of US public funding withdrawal*. 2025; doi: 10.6084/m9.figshare.29401205.
- Public code: Computer code used to perform the analyses in *Global distribution of research efforts, disease burden, and impact of US public funding withdrawal*. 2025; doi: 10.6084/m9.figshare.29401205.
- Public data: Replication data assembled for *Global distribution of research efforts, disease burden, and impact of US public funding withdrawal*. 2025; doi: 10.6084/m9.figshare.24412099.
- Public code: Computer code used to perform the analyses in *Global distribution of research efforts, disease burden, and impact of US public funding withdrawal*. 2025; doi: 10.6084/m9.figshare.24412099.
- Public data: Replication data for *Longitudinal analysis of gender differences in first authorship publications related to COVID-19*. 2021; doi: 10.7910/DVN/OOTXIW.
- Public data: Replication data for *Gender Differences in how Scientists Present the Importance of Their Research*. 2019; doi: 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.