

# DAVID HELLER

## CURRICULUM VITAE

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Max Planck Institute for Innovation and Competition  
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### Research Interests:

Applied Microeconometrics · Innovation Economics · Corporate Finance ·  
Innovation and Science Policy · Financing Innovation

## CURRENT POSITIONS

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<b>Max Planck Institute for Innovation and Competition</b> Senior Research Fellow (Postdoc), Department of Innovation and Entrepreneurship Research	Munich, Germany since 10/2019
<b>Goethe Business School, Frankfurt University</b> Lecturer, Master in Finance Program	Frankfurt, Germany since 08/2020

## PREVIOUS POSITIONS & APPOINTMENTS

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<b>Johann Wolfgang Goethe-Universität Frankfurt</b> Research assistant, Department of Management and Microeconomics	Frankfurt, Germany 10/2014 - 09/2019
<b>Leonard N. Stern School of Business, New York University</b> Visiting researcher, Department of Economics	New York City, NY, USA 02/2019 - 06/2019
<b>Deutsche Bundesbank</b> Visiting researcher, 'Research Data and Service Center' (RDSC)	Frankfurt, Germany 01/2017 - 07/2017
<b>Vietnamese German University (VGU)</b> Lecturer and TA, Faculty of Economics and Management	Ho-Chi-Minh-City, Vietnam 10/2014 - 11/2014
<b>Hamburg Institute of International Economics (HWWI)</b> Research intern, Department 'Labour, Education, Demography'	Hamburg, Germany 02/2014 - 06/2014
<b>Johann Wolfgang Goethe-Universität Frankfurt</b> Student assistant, Chair of Economics and Industrial Organization	Frankfurt, Germany 09/2013 - 10/2014
<b>Deutsche Lufthansa AG</b> Strategic data analyst (intern), Department 'Sales Steering & Controlling'	Los Angeles, CA, USA 03/2011 - 09/2011

## EDUCATION

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<b>Johann Wolfgang Goethe-Universität Frankfurt</b> Ph.D. in Economics ( <i>summa cum laude</i> ) Thesis: " <i>On the Economics of Innovation and Corporate Finance</i> "	Frankfurt, Germany 10/2014 - 09/2019
<b>Johann Wolfgang Goethe-Universität Frankfurt</b> M.Sc. in International Economics and Economic Policy Thesis: " <i>Capital Structure of SMEs in the Aftermath of the Financial Crisis</i> "	Frankfurt, Germany 10/2012 - 09/2014
<b>Universitat de València</b> Visiting undergraduate student, Faculty of Economics	Valencia, Spain 02/2010 - 09/2010
<b>Hochschule für Angewandte Wissenschaften (HAW) Hamburg</b> BA in Foreign Trade and International Management	Hamburg, Germany 09/2008 - 10/2012

## CURRENT RESEARCH PROJECTS

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- (1) "No Pressure, No Diamonds. Financing Constraints and Inventions"
- (2) "Borrowing against the (Un)Known: The Value of Patent Portfolios" (with A. Gill)
- (3) "Same Same but Different: The Use of Intellectual Property as Collateral"  
(with L. Ciaramella & L. Leitzinger)
- (4) "Accelerating or Enabling? The Role of Venture Capitalists in the  
Innovation Lifecycle" (with A. Gill & N. Gruzdov)
- (5) "Start-up Investments and the US Seed Boom in the 2010s" (with M. Kurakina)
- (6) "Intellectual Property and Resilience to Recessions"  
(with L. Ciaramella & L. Leitzinger)
- (7) "Small and Vulnerable? Financing Constraints During Economic Crises"  
(with Ø. Nilsen & P. Karapanagiotis)
- (8) "IP backed lending in Germany - A status-quo analysis" (with L. Leitzinger & U. Walz)
- (9) "Financial Integration, Financing Constraints, and Innovation in Europe: Is more better?"  
(with J. Krzyzanowski & U. Walz)

## INVITED PRESENTATIONS AND CONFERENCES (\*SCHEDULED)

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- 2021** Society for the Advancement of Socio-Economics Conference 2020, University of Amsterdam (virtual\*) · Goethe University Frankfurt · Telecom Paris Tech
- 2020** 2<sup>nd</sup> Conference on Behavioural Research in Finance, University of Giessen · Verein für Socialpolitik, University of Cologne (virtual) 13<sup>th</sup> Annual Conference on Innovation Economics, Searle Center (Northwestern) · *European Economic Association*, Erasmus University Rotterdam (virtual) · Society for the Advancement of Socio-Economics Conference 2020, University of Amsterdam (virtual) · 37<sup>th</sup> International Conference of the French Finance Association (AFFI) · 2020 Annual Meeting of the Swiss Society for Financial Market Research, University of St. Gallen · 7<sup>th</sup> Corporate Finance Day, (HEC) Liège School of Management, University of Liège (virtual)
- 2019** IOS Seminar, Regensburg · New York University, Stern School of Business · *CAED* Conference at Ross School, of Business (University of Michigan) · *IRMC* Conference at Bocconi University, Milan · 12<sup>th</sup> Annual Conference on Innovation Economics at Searle Center, Northwestern University · *EPIP* Conference at ETH Zürich · *EARIE* Conference at Universitat Pompeu Fabra, Barcelona · Norwegian School of Economics, Bergen · Ludwig-Maximilians University Munich · Johannes-Gutenberg University Mainz · 20<sup>th</sup> Annual *GEABA* Symposium, WHU Otto Beisheim School of Management · European Patent Office, Munich · University of Copenhagen · 17<sup>th</sup> Paris December Finance Meeting
- 2018** CBE Seminar at Norwegian School of Economics, Bergen · International Conference on Entrepreneurship and Economic Development (*ICEED*) at University of Bari · Finance Brown Bag at Goethe University Frankfurt · 6<sup>th</sup> International Ph.D. Meeting in Economics at University of Macedonia (Thessaloniki) · EPO ARP meeting at European Patent Office · Microeconomics Brown Bag at Goethe University Frankfurt · Max Planck Institute for Innovation and Competition, Munich
- 2017** Barcelona Graduate School of Economics (Summer school) · Microeconomics and Management Colloquium (Goethe University) at Kleinwalsertal, Austria · Applied Microeconomics and Organization Seminar, Frankfurt

## RESEARCH GRANTS, SCHOLARSHIPS

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- 2019** Foundation 'Freunde und Förderer der Goethe-Universität' · Grant: € 2,500
- 2018** Faculty of Economics and Business Administration 'Forschungstopf' · Grant: € 2,000
- 2017** European Patent Office Academic Research Programme (ARP) 2017 ·  
Head of project team: *Financing Innovation in Europe* · Grant: € 24,000
- 2015** DZ Bank award – Best Master Thesis; '*Capital Structure of European SMEs in the Aftermath of the Financial Crisis*' (Finalist)
- 2010** Erasmus Scholarship (for Universität de València)

## TEACHING EXPERIENCE

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**Goethe Business School, Frankfurt University** (since 2020):

- Management Control Systems (M.A.)

**Johann-Wolfgang-Goethe University Frankfurt** (2014-2019):

- **Courses:** Advanced Microeconomic Theory (Ph.D.) · Industrial Organization and Strategic Competition (B.Sc.) · Microeconomics I (B.Sc.) · Economics of Innovation (B.Sc.)
- **Seminar supervision:** "Economics of Digitalization" (B.Sc.) · "Business Strategy on the Road" (B.Sc.) · "Finance Meets the Real World" (B.Sc.)

**Other institutions**, including guest lectures (2014-2021):

- R&D and Intellectual Property (M.Sc.), Norwegian School of Economics, Bergen (TA)
- Introduction to Competition Theory (MBA), Frankfurt School of Finance & Management
- Bank Management (M.Sc.), Goethe Business School (TA)
- Management I (B.Sc.), Vietnamese German University

**Theses supervisions:**

- Supervision of numerous Bachelor (B.Sc.) and Master (M.Sc.) theses at Goethe University Frankfurt, Goethe Business School, and Norwegian School of Economics.

## OTHER PROFESSIONAL QUALIFICATIONS

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- Computer:** Programming and Applications: STATA · L<sup>A</sup>T<sub>E</sub>X · Python · R · SQL
- Languages:** German (native) · English (fluent) · Spanish (advanced) · French (basic)
- Advanced Trainings:**
- "Understanding Financial History", Prof. Harold James (Princeton)
  - Ph.D. courses in Economics and Finance at GSEFM (Goethe University Frankfurt)
  - Summer School, Barcelona Graduate School of Economics: Empirical Banking, Prof. José Luis Peydró (UPF) · Empirical Corporate Finance, Prof. Stefano Rossi (Bocconi)

## VOLUNTEER AND EXTRACURRICULAR ENGAGEMENTS

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**Bündnis 90/Die Grüne** since 2014  
Membership of the political party "The Greens"; OV Frankfurt Sachsenhausen;  
OV Westend/Laim

**Mentoring Programs** 09/2009, 10/2013  
Preparing and conducting mentoring sessions for prospective students of Hamburg  
University of Applied Science (2009) and Goethe University Frankfurt (2013)

**HAW Student Consulting** 04/2009 - 03/2011  
Student business consulting of University of Applied Sciences Hamburg ·  
Head of Finance & Controlling (07/2010 - 03/2011) · Budgeting, Accounting

**Project work: 'Hamburger Kulturtasche'** 09/2011 - 04/2012  
Head of the project team · Planning and execution of a pilot project targeted to  
provide initial assistance for foreign students arriving in Germany · Acquisition of  
sponsors and communication with stakeholders

**Lebenshilfe Stormarn e.V.** 09/2007 - 06/2008  
Community servant: Individual day care of a handicapped schoolchild · Support  
for group excursions and recreational activities of handicapped patients

### **French Horn**

Full membership in the following orchestras:

- Sinfonisches Orchester München Andechs since 2019
- Akademisches Orchester der Goethe Universität Frankfurt 2014 - 2019
- Sinfonieorchester der Universität Hamburg 2018 - 2019
- Junge Symphoniker Frankfurt 2012 - 2013
- Junge Symphoniker Hamburg 2009 - 2012
- Jugend-Sinfonieorchester Ahrensburg 2003 - 2011
- Temporary engagements in several orchestras in Northern Germany and Hesse
- Performance at concert tours in: Austria, Dominican Republic, Estonia, Germany,  
Hungary, Italy, Japan, Poland, Scotland, USA.