

Alexander Hempfing

Curriculum Vitae

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🌐 <http://bit.do/bagbem>



Learning is like rowing against the current. As soon as you stop, you drift back again. | Xúnzǐ

Education

- 01/2018–today **Ph.D. Candidate**, *University of Bamberg, Bamberg, Germany.*
Bamberg Doctoral Research Group on Behavioral Macroeconomics (BaGBeM)
- 04/2015–12/2017 **Master of Science**, *University of Bamberg, Bamberg, Germany.*
Focus in International and Empirical Economics
- 10/2010–03/2015 **Bachelor of Arts**, *Hochschule Augsburg (UoAS), Augsburg, Germany.*
Focus in Supply Chain Management
- 02/2014–07/2014 **Exchange semester**, *Shandong University, Jinan, China.*
Focus in Chinese Economy and Mandarin
- 02/2013–06/2013 **Exchange semester**, *HEG Genève, Geneva, Switzerland.*
Focus in Commodity Trading

Professional Experience

- 07/2019–today **Lecturer**, *Euro-FH University of Applied Sciences, Hamburg, Germany.*
In the course of my work at the Fraunhofer Institute, Lecturer for the Master's program introductory seminar on Logistics and Supply Chain Management.
- 01/2018–today **Research Associate**, *Fraunhofer IIS, Nuremberg, Germany.*
Research Associate within the Analytics division conducting market analysis and supporting several analytics projects.
- 05/2016–10/2017 **Research Assistant**, *Fraunhofer IIS, Nuremberg, Germany.*
Research Assistant within the Markt Intelligence group conducting market analysis and supporting several analytics projects.
- 03/2016–04/2016 **Parliamentary Assistant Intern**, *European Parliament, Brussels, Belgium.*
Intern to Markus Ferber, MdEP supporting his work as Vice-Chair of the Committee on Economic and Monetary Affairs.
- 11/2014–03/2015 **Research Intern**, *Oliver Wyman, Munich, Germany.*
Research Intern within the Manufacturing, Transportation and Energy (MTE) practice group conducting market and competitive analysis for various industries.
- 08/2014–01/2015 **Bachelor Thesis Candidate**, *Airbus Group, Augsburg, Germany.*
Bachelor Thesis Candidate within the Supply Chain Management department - Bachelor Thesis Title: "Development of a Supplier Management KPI-Dashboard".

- 10/2013–02/2014 **Research Assistant**, *Hochschule Augsburg, UoAS*, Augsburg, Germany.
Research Assistant to the Augsburg University of Applied Sciences Financial Service Cluster. Project subject: "Efficiency analysis of a funded retirement agreement".
- 09/2012–02/2013 **Finance Intern**, *Fujitsu Technology Solutions S.A.S.*, Paris, France.
Intern within the Opportunity Center - Development and implementation of a Win-Loss-Analysis for product sales projects of Europe, Middle East, Africa and India.
- 09/2011–08/2012 **Working Student**, *Fujitsu Technology Solutions GmbH*, Augsburg, Germany.
Working student within the Opportunity Center - Reporting and controlling of several projects, administration tasks.

Extracurricular Activities

- 12/2017–today **Treasurer and Board Member**, *Studenteninitiative für Kinder Bamberg e.V.*
Pro bono tutoring of children whose parents cannot effort private tutoring.
- 05/2016–03/2017 **Tutor**, *National Model United Nations*, Bamberg, Germany.
Tutor supporting the organization for NMUN NY 2017.
- 10/2015–03/2016 **Head Delegate**, *National Model United Nations*, Bamberg, Germany.
Head Delegate organizing the preparation for NMUN NY 2016.
- 04/2011–05/2013 **Founding Member**, *BWL-Augsburg e.V.*, Augsburg, Germany.
Founding- and board-member to promote student integration and mentoring at the Augsburg University of Applied Sciences.
- 10/2011–09/2012 **President**, *UoAS Students Council*, Augsburg, Germany.
President and student's representative in the faculty board for over 800 students.

Awards and Scholarships

- 11/2017 **Ph.D. Scholarship**, *Hans-Böckler-Foundation*.
Full three year Ph.D. scholarship from the Hans-Böckler-Foundation for outstanding academic performances and sociopolitical dedication.
- 03/2016 **Internship Grant**, *German Academic Exchange Service (DAAD)*.
Short-term Internship Grant for my internship at the European Parliament in March and April 2016.
- 10/2015 **Thesis Award 2015**, *Bundesvereinigung Logistik (BVL) e.V.*
Thesis Award 2015 for my Bachelor thesis within the Supply Chain Management department at the Airbus Group.
- 02/2014 **PROMOS Scholarship**, *German Academic Exchange Service (DAAD)*.
PROMOS scholarship for my semester abroad at the Shandong University, Jinan (China).
- 02/2013 **ERASMUS Scholarship**, *Erasmus Charta for Education (ECHE)*.
ERASMUS scholarship for my semester abroad at the HEG Genève, Geneva (Switzerland).

Computer skills and Languages

- Scientific Python, Mathematica, Gephi, R Studio
- Data bases Bloomberg Terminal, Capital IQ, Amadeus, Factiva, Genios
- Others L^AT_EX, Microsoft Office, SAP NetWeaver (BW)

Languages German (native), English (fluent), French (moderate), Russian (basic),
Mandarin (basic)

Doctoral thesis

- title **Aggregate Fluctuations, Sectoral Transmission Mechanisms and the Network Perspective of Global Economic Growth**
- supervisors Prof. Mishael Milaković, Ph.D., Prof. Dr. Christian Proaño, Prof. Dr. Frank Westerhoff
- description The desire to understand business cycle fluctuations, trade interdependencies and comovement has a long tradition in economic thinking. From input-output economics to business cycle theory, researchers aimed to find appropriate answers from an empirical as well as a theoretical perspective. This thesis theoretically and empirically examines how the production structure of the economy as well as industry- or firm-level idiosyncratic shocks contribute to aggregate fluctuations. Moreover, it is analysed how economic shocks transmit and propagate throughout the production network and which policy implications may be derived from the results provided. Furthermore, amplification effects of global economic growth resulting from the underlying network structures are analysed.

Working Papers

- Article **A Meso-economic Aggregation Rule for Microeconomic Shocks**, with Jan Schulz and Mishael Milaković, University of Bamberg, forthcoming.
- Article **Disentangling Growth: A Structural Decomposition Analysis Identifying Economic Drivers in Value Added Change**, with Jan Schulz, University of Bamberg, forthcoming.

Publications

- Chapter **Trading in Times of Sanctions and Protectionism**, Contribution to the book *Russia 4.0*, Christian Altmann (Ed.), Springer Science+Business Media, forthcoming.
- Article **What's left after the hype? An empirical approach comparing the distributional properties of traditional and virtual currency exchange rates**, PLoS ONE 14(7): e0220070. <https://doi.org/10.1371/journal.pone.0220070>.
- White Paper **Fachkräftemangel in der Logistik: Vermessung, Struktur und Handlungsfelder**, with Martin Schwemmer, Alexander Pflaum and Roland Fischer (Eds.), Fraunhofer Verlag, <https://www.scs.fraunhofer.de/publikationen/white-paper-fachkraeftemangel-logistik>.
- Chapter **Aktuelle Vermessung der Logistikwirtschaft in Deutschland**, with Martin Schwemmer, Contribution to the study *TOP 100 der Logistik 2018/2019*, Alexander Pflaum (Ed.), DVV Media Group (2018): 37-66, <https://www.scs.fraunhofer.de/publikationen/studien/top100>.

- Article **Deutsche Chemielogistik im Fokus – Ergebnisse zur Chemielogistik der Studie „Die TOP 100 der Logistik 2016/2017“**, with Martin Schwemmer, CHEManager 3-4 (2017): 15-16, <https://www.chemanager-online.com/themen/logistik/deutsche-chemielogistik-im-fokus>.

Conference Contributions

- 01/2020 **International School and Conference on Network Science, Tokio, Japan.**
Presenting preliminary results of the working paper *Disentangling Growth: A Structural Decomposition Analysis Identifying Economic Drivers in Value Added Change*.
- 06/2019 **2nd Behavioral Macroeconomics Workshop: Heterogeneity and Expectations in Macroeconomics and Finance, Bamberg, Germany.**
Poster session presenting preliminary results of the working paper *A Meso-economic Aggregation Rule for Microeconomic Shocks*. Member of the organizing committee.
- 10/2018 **22nd FMM Conference, Berlin, Germany.**
Presenting preliminary results of the working paper *A Meso-economic Aggregation Rule for Microeconomic Shocks*.
- 10/2018 **6th Annual GENED Meeting, University of Kiel, Germany.**
Presenting preliminary results of the working paper *A Meso-economic Aggregation Rule for Microeconomic Shocks*.
- 09/2018 **7th Workshop on Networks in Economics and Finance, IMT Lucca, Italy.**
Poster session presenting preliminary results of the working paper *A Meso-economic Aggregation Rule for Microeconomic Shocks*.

Summer Schools, Courses and Workshops

- 10/2019 **Bavarian Graduate Program in Economics (BGPE) course on Academic Writing, Muggendorf, Germany.**
One week course with a special emphasis on academic writing and journal analysis.
- 09/2019 **Bavarian Graduate Program in Economics (BGPE) course on Advanced Macroeconomics, Muggendorf, Germany.**
One week course with a special emphasis on macroeconomic modeling of household behavior and household heterogeneity.
- 09/2019 **Summer School on Complexity Economics, Behavioral Economics and Data Science, Ruhr-University Bochum, Germany.**
Multi-day course learning about Complexity Economics and Agent-Based Modeling (ABM) in Behavioral Economics and Data Science.
- 03/2019 **1st Complexity Science Hub Vienna Winter School, Obergurgl University Center, Austria.**
One week course learning about complex systems, networks and computational social science.
- 06/2018 **1st Behavioral Macroeconomics Workshop: New Approaches to Macro-Financial Instability and Inequality, University of Bamberg, Germany.**
Member of the organizing committee.
- 06/2017 **Summer School in Economic Networks, University of Oxford, England.**
One week course learning about the techniques, applications and impact of network theory in economics and development.