

CURRICULUM VITAE

A. PERSONAL INFORMATION

Place of Birth: Leipzig, Germany
Birthday: October 22, 1983
Family status: Married, 1 Child
Nationality: German

Address (Office): University of Groningen
Faculty of Economics and Business (FEB)
Department of Innovation Management & Strategy
Nettelbosje 2, 9747 AE Groningen
Web: <https://www.rug.nl/staff/m.wyrwich/>

E-Mail: m.wyrwich@rug.nl; michael.wyrwich@uni-jena.de

Languages: German (Native), English (Fluent), Polish (Basic), Dutch (Basic)

Research Interests: -Entrepreneurship and innovation across firms and regions
-Structural change and regional transition
-Well-being and entrepreneurship
-Organizational Change

Current Position

Since 10/2018 Associate Professor for Small Business and Entrepreneurship (UHD-1 with IUS promovendi, Faculty of Economics and Business Administration), Rijksuniversiteit Groningen, (The Netherlands).

Further Affiliation

Since 10/2018 Adjunct guest lecturer (Privatdozent) at Friedrich Schiller University (FSU) Jena, Germany.

Work Experience

04/2018 – 09/2018 Interim Full Professor (W3) for Business Dynamics, Innovation, and Economic Change at FSU Jena.

12/2016 – 03/2018 Lecturer (*Privatdozent*) at FSU Jena.

07/2012 – 11/2016 Research Associate at the Chair of Business Dynamics, Innovation, and Economic Change at FSU Jena.

09/2015 – 05/2018	Member of the EU-Horizon2020 project „Financial and Institutional Reforms for the Entrepreneurial Society“ (FIRES) (Grant Agreement No. 649378/ Lead Partner: University of Utrecht).
02/2014 – 04/2014	Visiting academic at the Centre for Competitive Advantage in the Global Economy (CAGE)/ <u>University of Warwick (UK)</u> .
06/2013 – 12/2015	Member in the third-party-funded project “Elaboration of good practices of transition-preparing activities in Korea” (German Science Foundation).
11/2012 – 09/2014	Project member in the third-party-funded project “Strategies of universities for regional development in the face of demographic change” (Federal German Ministry of Education and Research).
11/2008 – 06/2012	Research Associate in the Collaborative Research Center “Social developments in Post-Socialistic Societies: Discontinuity, Tradition, Structural Formation” (SFB580) (German Science Foundation).
08/2007 – 10/2007	Institute for Employment Research (IAB) Nuremberg/Germany, Preparation of master’s thesis in the department “Establishments and Employment.”
09/2006 – 10/2006	Institute for Economic Research Halle (IWH), internship at the department of Urban Economics.

Degrees & Education

12/2016	Habilitation (“ <u>venia legendi</u> ”, <u>formal qualification for full professorship & IUS promovendi in Germany</u>) at FSU Jena (Title of habilitation thesis: “Labor Market Dynamics, Structural Change, and Economic Development”; Submission: 12/2015).
06/2012	PhD (“ <u>summa cum laude</u> ”) at FSU Jena, (Title PhD thesis: “Entrepreneurship across regions from a long-term perspective”).
11/2008 - 11/2016	Member of the Graduate School – “The Economics of Innovative Change” (DFG-RTG 1411) in the Jena Graduate School "Human Behaviour in Social and Economic Change" (GSBC).
10/2008	Master’s thesis (Diploma) in Economics at FSU Jena.
10/2003 – 10/2008	Student of Economics at FSU Jena and Högskolan Dalarna, Sweden (08/2005 – 01/2006).

Awards

- 08/2016 EPAINOS Award for the best paper presented by a young scientist at the Congress of the European Regional Science Association 2016 (Title of presented paper: “Persistence of Spatial Differences of Female Labor Force Participation.”)
- 01/2010 DRUID Most Promising Research Project Award 2010 (Runner-up), one of the three most promising papers presented at the DRUID-DIME Academy Winter 2010 PhD Conference in Aalborg (Denmark) for the paper “Regional Entrepreneurial Heritage in a Socialist and a Post-Socialist Economy.”

Research funding

Major projects

- 2021-2023 “Digitalization of historical patents: new avenues for innovation research” based on the Data Science Call 2020 (350 hours support by data scientist + additional costs) issued by the Center for Information and Technology at the University of Groningen.
Role: Acquisition of funds; Co-Applicant
- 2020-2022 PASSPARTOOL (Interreg Europe, 1.5 Mio Euro), “Key tools to assess and improve soft innovation policies” (Lead partner: L'agorà dell'innovazione in Puglia (ARTI), Bari, Italy).
Role: Knowledge partner at RUG (Lead: Thijs Broekhuizen)
- 2018-2022 Research consortium "Obstacles to Modernization in the Economy and Science of the German Democratic Republic (GDR)" (MOD-BLOCK-DDR) financed by the Federal German Ministry of Education and Research (Lead partner: University of Bremen).
Role: Acquisition of funds; Principal Investigator of the project “The legacy of the GDR innovation system” (397,000 Euro).
- 2017 Short-term grant by Institute for Economic Research Halle (IWH, SPEED Fund SP2016-02) for the development of the IWH Treuhand Privatisation Micro Database; 9,126 Euro.
Role: Acquisition of fund; Principal Investigator
- 2013-14 Financial support for the project “Organizational change and firm development: an investigation of the large-scale privatization in East Germany”, financed by FSU Jena (9,074 Euro).
Role: Acquisition of fund; Principal Investigator

Further third-party-funding

- ERASMUS Staff Mobility Grant for research and teaching stay at University of Groningen (2013).
- Conference Travel Grants by German Academic Exchange Service (2012; 2013; 2014; 2016; 2017) and the Centre for European Economic Research Mannheim (2012).
- Workshop Organization “The future of entrepreneurship research“, Jena, 2018 (650 Euro).

Academic Supervision

- 2nd main Ph.D. supervisor, Luong Thanh Tran (FSU Jena; Placement: OECD Paris), completed in November 2018.
- 2nd main Ph.D. supervisor, Stephen K. Medase (FSU Jena; Placement: University of Johannesburg), completed in December 2019.
- 1st main supervisor of habilitation thesis (formal qualification for full professorship), Maria Greve (nee Kristalova) (FSU Jena/RUG), started in January 2019.
- Member of numerous PhD committees at FSU Jena (6x) (2017-2018).
- Internal supervisor, Evelien P.M. Croonen (RUG), since 2021.

Memberships

- German Economic Association (*Verein für Socialpolitik*)
- Academy of Management (AoM, Division for Entrepreneurship & Division for Organization and Management Theory)
- Regional Studies Association (RSA)
- Regional Science Association International (RSAI)
- Schumpeter Center for Research on Socio-Economic Change (JSEC)

Memberships in Editorial Boards/ Scientific Committees

Academic journals:

- Editor, Small Business Economics: An Entrepreneurship Journal (SBEJ) (since 2019)
- Assessment committee for special issue proposals at SBEJ (since 2020, Committee chair, from 2022)
- Member of editorial board at Review of Regional Research (since 2017)
- Editorial review board at SBEJ (2016-2019).

Research Community:

- Committee for Regional Theory and Policy of the German Economic Association (*Ausschuss für Regionaltheorie und –Politik des Vfs*, since 2015; youngest member between 2015 and 2019)
- Committee for the EPAINOS best paper award at ERSA congress 2020-2024.

- Scientific Committee of the 11th summer conference of the German-speaking section (GfR) of the European Regional Science Association (ERSA) 2021.
- G-Forum Entrepreneurship Conference Advisory Board (since 2014).

Ad-hoc Reviewer

- **Research Funding Organizations:** Federal German Ministry of Education and Research (BMBF), Reviewer and Panelist, (13 proposal: ca. 100,000 - 1.1 Mio. Euro), 2013, 2021; Russian Science Foundation (RSF), Project outlines (2x) in 2019; Canadian Social Sciences and Humanities Research Council (SSHRC), Insight Grant (ca. 100,000 CAD), 2021.
- **Academic Journals:** Small Business Economics (14x), Regional Studies (8x), Economic Geography (3x), Journal of Business Venturing (8x), Journal of Evolutionary Economics (12x), Journal of Human Resources, Journal of Economic Geography (2x), Research Policy (4x), Management and Organization Review, Journal of Economic Behavior and Economic Organization, Industrial and Corporate Change, European Sociological Review, Journal of Management Studies, Entrepreneurship: Theory & Practice (3x), Journal of Comparative Economics, Journal of Business Ethics (2x), Journal of Regional Science, Papers in Regional Science (2x), Frontiers in Psychology, Oxford Economic Papers, Growth and Change, Industry and Innovation (2x), Zeitschrift für Wirtschaftsgeographie (2x), Journal of Happiness Studies, International Small Business Journal, The Annals of Regional Science (2x), Entrepreneurship & Regional Development, International Review of Entrepreneurship (2x), European Planning Studies (2x), Review of Regional Research (2x), Comparative Economic Studies, Eastern European Economics, Post-Communist Economies, European Urban and Regional Studies, International Journal of Technology Management, Historical Social Research (2x), Geography Journal, African Journal of Business Management, The Economist Voice.
- **Publisher:** Routledge Publishing Company (Book proposals, 3x); Edited volumes/Books for various publishers (3x),
- **Conferences:** Academy of Management (AOM) Annual Congress; European Academy of Management (EURAM) Conference (2x); G-Forum Entrepreneurship Conference (7x, since 2014).

Internal Functions

- Council of the Faculty of Economics and Business at University of Groningen (UoG) (since 2021).
- Interim coordination functions for Faculty Minor Innovation & Entrepreneurship and University Minor Entrepreneurship, Summer 2021
- Programme coordinator for the Small Business & Entrepreneurship track in MSc Business Administration (BA) programme at UoG (since 2021).
- Teaching programme committee for MSc BA Innovation & Organization at UoG (since 2019).
- University Committee on Research at Friedrich Schiller University (FSU) Jena (2012-2016).
- Board of the Jena Graduate Academy at FSU Jena (2015-2016).
- Council for promoting academic entrepreneurship at FSU Jena [*Gründungsbotschafter*] (2015-2018).

Other Functions

- Awarding commission for scholarships (funded by the state of Thuringia and FSU Jena [*Landesgraduierstipendien*] (2013-2016);
- Honorary-based consultant for South Korean public officials on privatization of socialist enterprises and the role of entrepreneurship in the economic transformation process (since 2016; Organized by Institute of Korea Studies at Free University of Berlin).

Keynotes at and invitations to research seminars & conferences

- Research Seminar in Economics at Universite de Namur, Belgium (November 2021, 16)
- UU Economic Geography Seminar at University of Utrecht (November 2021, 3).
- Keynote Speech, 26th APDR Workshop - Civic Universities, Ecosystems, and Regional Development in Low-Industrial-Density Regions - University of Beira Interior, Covilhã, Portugal (September 2021, 30).
- WM/City-REDI External Seminar Series at University of Birmingham (May 2021, 5).
- REAL-University of Illinois & PPGE-PUCRS, Seminar Series 2021 (April 2021, 30)
- Keynote speaker at Creative Spark: Entrepreneurial Ecosystems: Economic and Social Perspective (April 2021, 29), University of Reading (Henley Business School).
- Workshop Series: The Evolution, Persistence and Success of Entrepreneurial Ecosystems (March 2021, 18), University of Cardiff.
- Research Seminar University of Hamburg (Germany), December 2020.

- **RSA Regions Cities Industry Webinar Series (with Michael Fritsch; Discussants Marvann P. Feldman & David B. Audretsch), November 2020.**
- **Keynote speaker CEnSE Regional and Urban Economics Workshop Gothenburg (Sweden), November 2019.**
- Research Seminar Technical University Braunschweig (Germany), October 2019.
- Research Seminar University of Regensburg (Germany), June 2019.
- Research Seminar University of the West of England, Bristol (UK), March 2019.
- Workshop “Knowledge Frontiers and Entrepreneurship” (KFE), 2018, Indiana University Europe Gateway, Berlin (Germany).
- **Inaugural lecture at Friedrich Schiller University Jena (Germany), February 2017 as Privatdozent (venia legend/ ius promovendi).**
- CREM Research Seminar, 2017, Universite de Caen (France).
- IAB-Colloquium on Labor Market Research, 2017, Nuremberg (Germany).
- Workshop on implications of German re-unification for the Korean peninsula with experts from University for North Korea Studies and Konkuk University, 2015, Seoul (South Korea).
- Annual Conference of the committee for Regional Theory and Policy of the German Economic Association, 2015, Dresden (Germany).
- Dinner Talk, 9th Jena Summer Academy on Innovation and Uncertainty, 2015 Jena (Germany).
- Economic Research Seminar, University of Kassel (Germany), 2014.
- Workshop “Institutions and Entrepreneurial Development: A dynamic perspective”, 2014, Utrecht (The Netherlands).
- Chairing plenary session at 14th Conference of the International Schumpeter Society (ISS), 2014, Jena Germany
- Economic History Workshop University of Warwick (UK), 2014.
- Internal Seminar Aston Business School, April 9 2014, Birmingham (UK).
- Symposium “Organisations in Change: Modes, Pattern and Dynamics“, Jena (Germany), May 2011.
- International Workshop on Innovation, Entrepreneurship and Regional Development at Tinbergen Institute, Amsterdam (The Netherlands), May 2011.

Special Session Organization:

- GeoInno Congress (2022); Annual Congress of the European Regional Science Association (ERSA): Bolzano, Italy (2021); Web Conference 2020; Lyon, France (2019); Cork, Ireland (2018); Vienna, Austria (2016); St. Petersburg, Russia (2014).

Invitation to policy-oriented talks

- **Keynote speaker at "The Treundhandanstalt-Pragmatism, Success Concept, or Sell-out?", Berlin, November 2020.**
- Workshop Series „Entrepreneurship (and Innovation) in the East German Transformation Process and the privatization of socialist SOEs—Implications for Korea?“, Several invitations as speaker in 2016, 2017, 2018, 2020; 2021 Weimar; Dresden; Freyburg a. d. Unstrut; Virtual (Germany; Organization: Institute for Korea Studies FU Berlin).
- Panelist policy round table “German experience of re-unification: Are there options for the Korean Peninsula?“, 2nd World Conference on North Korean Studies, 2015, Seoul (South Korea).

Media Coverage

- TV:

„Nur jedes zwanzigste Patent aus dem Osten“ MDR Umschau (January 14, 2020) & „Das letzte Patent der DDR - und der ostdeutsche Erfindergeist heute“ MDR Umschau (October 21, 2020)
 „The Treundhandanstalt-Pragmatism, Success Concept, or Sellout?“, Alex TV (Live, November 17, 2020)
- Audio (Selected):

„Psychologische Landkarte: So tickt Deutschland“ on Deutschlandfunk Nova (4 Sep 2018).
 „Psychologische Landkarte über Unternehmer“ on NDR Info (14 Sep 2018),
 „Typische Deutsche“, Podcast at detektor.fm
- Press (Selected):

„Wirtschaftsminister Machnig: Thüringen soll Gründerland werden“ (19 November 2010 at Leipziger Volkszeitung), Several newspaper reports on a program to promote innovative start-ups in Thuringia directly linked to a policy report (co-authored with Michael Fritsch, Florian Noseleit & Viktor Slavtchev
 „Die psychologische Deutschlandkarte“ at FOCUS Online (4 Sep 2018); „Psychologische Landkarte zeigt – so ticken die Thüringer“ at Thueringer Allgemeine (5 Sep 2018).
 „Neurotisch und offen für neue Erfahrungen: So ticken die Freiburger“ at fudder/Badische Zeitung (28 Sep 2018); Further reports on this research, e.g., in Schleswig-Holsteinische Zeitung; Schweriner Volkszeitung, Neue Osnabrücker Zeitung; Lippische Landeszeitung; Saarbrücker Zeitung; Pfälzischer Merkur.

B. PUBLICATIONS

ORCID: <https://orcid.org/0000-0001-7746-694X>

Statistics

- Web of Science H-index/Citations (no self-citations): **13/646** (November 2021)
- Output ranking of economists working or born in the German speaking countries Germany, Austria, and Switzerland (www.forschungsmonitoring.org)

Young economist ranking 2019:

- Top 5% Source Normalized Impact Factor (SNIP); **#1: (U35-years)**
- Top 10% SCImago Journal Rank (SJR – 1); **#6: (U35)**.

Young economist ranking 2021:

- Top 10% SNIP; **#13: (U40-years)**
- Top 10% SJR-6: **#22: (U40)**

General author ranking 2017-2021:

- Top 25% SNIP: **#37**
- Top 25% SJR-6: **#93**
- JEL-Code: Industrial Organization: **#2: SNIP/ #10: SJR-6**
- JEL-Code: Regional Economics: **#3: SNIP/ #4: SJR-6**.

Articles in refereed journals

Most important publications in top (field) journals:

[Latest Article Influence Score Percentile, www.eigenfactor.org, in brackets]

- 1) Is open innovation imprinted on new ventures? The cooperation-inhibiting legacy of authoritarian regimes (with Philip J. Steinberg; Florian Noseleit & Pedro de Faria), *Research Policy*, Vol. 51, 104409, <https://doi.org/10.1016/j.respol.2021.104409>, [92].
- 2) Does Successful Innovation Require Large Urban Areas? Germany as a Counterexample (with Michael Fritsch), *Economic Geography*, Vol. 97, 284-308, <https://doi.org/10.1080/00130095.2021.1920391>, [93].
- 3) Is innovation (increasingly) concentrated in large cities? An international comparison (with Michael Fritsch), *Research Policy*, 2021, Vol. 50, 104237, <https://doi.org/10.1016/j.respol.2021.104237>, [92].
- 4) Types of Institutions and Well-Being of Self-Employed and Paid Employees in Europe (with Michael Fritsch & Alina Sorgner), *Small Business Economics*, 2021, Vol. 56, 877-901, <https://doi.org/10.1007/s11187-019-00274-2>, [67].
- 5) Historical roots of entrepreneurship in different regional contexts—the case of Poland (with Michael Fritsch & Korneliusz Pylak), *Small Business Economics*, 2021, forthcoming <https://doi.org/10.1007/s11187-021-00535-z> [67].

- 6) Migration restrictions and long-term regional development: evidence from large-scale expulsions of Germans after World War II, *Journal of Economic Geography*, 2020, Vol. 20, 481-507, <https://doi.org/10.1093/jeg/lbz024>, [93], *Featured as key research paper in the field of economic history by OUP (in 2019) and part of an OUP free-to-read article collection of leading forced migration and refugee studies (in 2021)*.
- 7) Cross-faculty proximity and academic entrepreneurship: The role of business schools (with Maximilian Goethner), *Journal of Technology Transfer*, 2020, Vol. 45, 1016-1062, <https://doi.org/10.1007/s10961-019-09725-0>, [61].
- 8) Self-Employment and Well-Being across Institutional Contexts (with Michael Fritsch & Alina Sorgner), *Journal of Business Venturing*, 2019, Vol. 34, 105946, <https://doi.org/10.1016/j.jbusvent.2019.105946>. [94].
- 9) Failing Role Models and the Formation of Fear of Entrepreneurial Failure: A Study of Regional Peer Effects in German Regions (with Rolf Sternberg & Michael Stuetzer), *Journal of Economic Geography*, 2019, Vol. 19, 567-588, <https://doi.org/10.1093/jeg/lby023>, [93].
- 10) Historical Roots of Entrepreneurial Culture and Innovation Activity—An Analysis for German Regions (with Michael Fritsch & Martin Obschonka), *Regional Studies*, 2019, Vol. 53, 1296-1307, <https://doi.org/10.1080/00343404.2019.1580357>, [76].
- 11) Historical Shocks and Persistence of Economic Activity: Evidence from a Unique Natural Experiment (with Michael Fritsch, Alina Sorgner & Evgenii Zazdravnykh), *Regional Studies*, 2019, Vol. 53, 790-802, <https://doi.org/10.1080/00343404.2018.1492112>, [76].
- 12) New KIBS on the bloc: The role of local manufacturing for start-up activity in knowledge-intensive business services, *Regional Studies*, 2019, Vol. 53, 320-329, <https://doi.org/10.1080/00343404.2018.1478076>, [76].
- 13) Historical and current spatial differences in female labor force participation: Evidence from Germany, *Papers in Regional Science: Journal of the Regional Science Association International (RSAI)*, 2019, Vol. 98, 211-239, <https://doi.org/10.1111/pirs.12355>. ***EPAINOS Young Scientist Award 2016 at the Congress of the European Regional Science Association (ERSA) & TOP20 downloaded journal paper in 2017-2018***, [71].
- 14) Regional Knowledge, Entrepreneurial Culture and Innovative Start-ups over Time and Space—An Empirical Investigation (with Michael Fritsch), 2018, Vol. 51, 337-353, *Small Business Economics*, <https://doi.org/10.1007/s11187-018-0016-6>, [67].
- 15) The Effect of Entrepreneurship on Economic Development—An empirical analysis using regional entrepreneurship culture (with Michael Fritsch), *Journal of Economic Geography*, 2017, Vol. 17, 157-189, <https://doi.org/10.1093/jeg/lbv049>, [93] & virtual issue on entrepreneurship, https://academic.oup.com/joeg/pages/virtual_issue. *Part of a collection of highly cited articles from the Journal of Economic Geography (until late 2019)*.

16) Industry structure, entrepreneurship, and culture: An empirical analysis using historical coalfields (with Michael Stuetzer, Martin Obschonka, David B. Audretsch, + for data sharing: P.J. Rentfrow, L. Shaw-Taylor, M. Coombes & M. Satchell), *European Economic Review*, 2016, Vol. 86, 52-72, <https://doi.org/10.1016/j.euroecorev.2015.08.012>, [92], *Part of the Article Selection in Celebration of 50 Years of European Economic Review as one of the most cited articles between 2015-2019.*

17) Entrepreneurial role models, fear of failure, and institutional approval of entrepreneurship: a tale of two regions (with Michael Stuetzer & Rolf Sternberg), *Small Business Economics*, 2016, Vol. 46, 467-492, <https://doi.org/10.1007/s11187-015-9695-4>, [67].

18) Balanced Skills and the City: An Analysis of the Relationship between Entrepreneurial Skill Balance, Thickness and Innovation (with Michael Fritsch & Elisabeth Bublitz), *Economic Geography*, 2015, Vol. 91, 475-508, <https://doi.org/10.1111/ecge.12097>, [93].

19) Entrepreneurship and intergenerational value transmission, *Small Business Economics*, 2015, Vol. 45, 191-213. <https://doi.org/10.1007/s11187-015-9649-x>, [67].

20) The Long Persistence of Regional Entrepreneurship: Germany 1925 to 2005 (with Michael Fritsch), *Regional Studies*, 2014, Vol. 48, 955-973, <https://doi.org/10.1080/00343404.2013.816414>, ***Highly cited paper in the research field in the Web of Knowledge***, [76].

21) How much of a socialist legacy? The reemergence of entrepreneurship in the East German transformation to a market economy (with Michael Fritsch, Elisabeth Bublitz & Alina Sorgner), *Small Business Economics*, 2014, Vol. 43, 427-446, <https://doi.org/10.1007/s11187-014-9544-x>, [67].

22) Can socioeconomic heritage produce a lost generation with regard to entrepreneurship?, *Journal of Business Venturing*, 2013, Vol. 28, 667-682, <https://doi.org/10.1016/j.jbusvent.2012.09.001>, [94].

23) Regional entrepreneurial heritage in a socialist and a post-socialist economy, *Economic Geography*, 2012, Vol. 88, 423-445, <https://doi.org/10.1111/j.1944-8287.2012.01166.x>. *Most Promising Research Project Award 2010 (Runner-Up) at the DRUID-DIME Academy PhD Conference*, [93].

Further peer-reviewed articles (in English):

24) One transition story does not fit them all: Initial regional conditions and new business formation after communism (with Maria Greve & Michael Fritsch), *Post-Communist Economies*, forthcoming, <https://doi.org/10.1080/14631377.2021.1943912>.

25) The role of innovation for employment growth among firms in developing countries: Evidence from Nigeria (with Stephen Kehinde Medase), *African Journal of Science, Technology, Innovation and Development*, forthcoming, <https://doi.org/10.1080/20421338.2021.1877417>.

- 26) Historical and Institutional Determinants of Universities' Role in Fostering Entrepreneurship (with Alexander Chepurenko & Maria Kristalova) *Foresight and STI Governance*, 2019, Vol. 13, 48-59.
- 27) Regional Emergence of Start-Ups in Information Technologies — The Role of Knowledge, Skills and Opportunities (with Michael Fritsch), *Foresight and STI Governance*, 2019, Vol. 13, 62-71.
- 28) An Evaluation of German Active Labour Market Policies: A review of the empirical evidence (with Michael Fritsch & Moritz Zoellner), *Journal of Entrepreneurship and Public Policy*, 2018, Vol. 7, 377-410, <https://doi.org/10.1108/JEPP-D-18-00023>.
- 29) Persistence of Regional Entrepreneurship: Causes, Effects, and Directions for Future Research (with Michael Fritsch), *International Review of Entrepreneurship*, 2017, Vol. 15, 395-416.
- 30) The emergence of entrepreneurial ideas at universities in times of demographic change: Evidence from Germany (with Matthias Piontek), *Review of Regional Research*, 2017, Vol. 37, 1-37, <https://doi.org/10.1007/s10037-016-0111-6>. *Part of a virtual issue on regional innovation and entrepreneurship.* (<https://www.springer.com/journal/10037/updates/18789570>)
- 31) Entrepreneurship in the East German Transition Process: Lessons for the Korean Peninsula (with Michael Fritsch), *Historical Social Research*, 2016, Vol. 41, 256-280, <http://dx.doi.org/10.12759/hsr.41.2016.3.256-280>.
- 32) Ready, Set, Go! Why are some regions entrepreneurial jump starters?, *The Annals of Regional Science*, 2014, Vol. 53, 487-513, <https://doi.org/10.1007/s00168-014-0629-x>.
- 33) The role of regional conditions for newly emerging KIBS industries in the face of radical institutional change, *European Planning Studies*, 2013, Vol. 21, 1760-1778, <https://doi.org/10.1080/09654313.2012.753694>.
- 34) Coping with the market: Are there cohort effects for organisations in transition? (with Ina Krause), *Journal for East European Management Studies*, 2011, Vol. 16, 54-74, <https://doi.org/10.2307/23281672>.
- 35) Assessing the role of strategy and “socioeconomic heritage” for rapidly growing firms: evidence from Germany, *International Journal for Entrepreneurial Venturing*, 2010, Vol. 1, 245-263, <https://doi.org/10.1504/IJEV.2010.030976>.

Further peer-reviewed articles (in German/ English abstract):

36) Regionale Unterschiede der Verteilung von Personen mit unternehmerischem Persönlichkeitsprofil in Deutschland – Ein Überblick [Regional differences of people with an entrepreneurial personality structure in Germany – An overview] (with Michael Fritsch & Martin Obschonka; Samuel D. Gosling, Peter J. Rentfrow & Jeff Potter), *Spatial Research and Planning: Raumforschung und Raumordnung*, Vol. 76, 65-81. <https://doi.org/10.1007/s13147-018-0519-2>.

37) Von unterkühlten Norddeutschen, gemütlichen Süddeutschen und aufgeschlossenen Großstädtern: Regionale Persönlichkeitsunterschiede in Deutschland [Reserved Northerners, Jovial Southerners, and Open Urbanites: Regional Personality Differences in Germany] (with Michael Fritsch; Martin Obschonka; Samuel D. Gosling; Peter J. Rentfrow & Jeff Potter), *Psychologische Rundschau*, 70, 170-194, <https://doi.org/10.1026/0033-3042/a000414>.

38) Wandel und Persistenz: Die Entwicklung der Wirtschaft in Ostdeutschland nach der Wiedervereinigung [Change and Persistence: The development of the economy in East Germany after German re-unification] (with Michael Fritsch & Alina Sorgner), *Gesellschaft. Wirtschaft. Politik*, 64, 2015, Vol. 2, 225-239, <https://doi.org/10.3224/gwp.v64i2.19457>.

Textbook

39) Entrepreneurship: Theorie, Empirie, Politik (3rd Edition) [Entrepreneurship: Theory, Empirics, Policy] (with Michael Fritsch), 2021, Springer Gabler: Wiesbaden.

Monographs

40) Regional Trajectories of Entrepreneurship, Knowledge, and Growth—The Role of History and Culture (with Michael Fritsch), 2019, Springer Nature: Heidelberg. <https://link.springer.com/book/10.1007/978-3-319-97782-9>, Selected reviews (*Papers in Regional Science*, <https://doi.org/10.1111/pirs.12445>; *International Small Business Journal*, <https://doi.org/10.1177/0266242619844095>), *Growth and Change* (<https://doi.org/10.1111/grow.12549>).

41) Labor Market Dynamics, Structural Change, and Economic Development, *Habilitation thesis*, Friedrich Schiller University Jena, 2016.

42) Entrepreneurship across Regions from a Long-Term Perspective, *PhD thesis*, Friedrich Schiller University Jena, 2012.

43) Determinanten schnell wachsender Gründungen: Eine empirische Untersuchung anhand des IAB-Betriebspanels, 2009, VDM-Verlag, Saarbrücken.

Working Paper (if not published otherwise yet)

- 44) Cultural Imprinting: Ancient Origins of Entrepreneurship and Innovation in Germany (with Michael Fritsch; Martin Obschonka & Fabian Wahl), 2021, *Jena Economic Research Paper*, <https://ideas.repec.org/p/jrp/jrpwrp/2021-012.html>
- 45) TV and Entrepreneurship (with Viktor Slavtchev), 2021, *Jena Economic Research Paper*, # 2021 – 010, <https://ideas.repec.org/p/jrp/jrpwrp/2021-010.html>
- 46) Cooperation Is cooperation behavior imprinted in new ventures? A context-sensitive perspective on the cooperation-inhibiting legacy of authoritarian regimes (with Pedro de Faria, Florian Noseleit & Philip J. Steinberg), mimeo, [*R&R at Research Policy, AIP: 92*]
- 47) Entrepreneurship and Well-Being: Accounting for the Heterogeneity of Entrepreneurs (with Evelien P. M. Croonen & Florian Noseleit, 2020, *Academy of Management Proceedings*, <https://doi.org/10.5465/AMBPP.2020.13132abstract>, [*R&R at Journal of Business Venturing, AIP: 94*].
- 48) Initial Conditions and Regional Performance in the Aftermath of Disruptive Shocks: The Case of East Germany after Socialism (with Michael Fritsch), *Jena Economic Research Paper* #2020-017. <https://ideas.repec.org/p/jrp/jrpwrp/2020-017.html>, [*R&R at Industrial and Corporate Change, AIP: 78*]
- 49) Poor soil as a fertile breeding ground: The role of historical agricultural specialization for the persistence of regional differences in crafts (with Petrik Runst), mimeo, [*R&R at Annals of Regional Science, AIP: 36*].
- 50) Calling Baumol: what telephones can tell us about the allocation of entrepreneurial talent in the face of radical institutional changes (with Alina Sorgner), *IZA DP No. 14458*, IZA Institute of Labor Economics, <http://ftp.iza.org/dp14458.pdf>.
- 51) Long-term decline of regions and the rise of populism—The case of Germany (with Michael Fritsch & Maria Greve), *Jena Economic Research Paper* #2021-006 & *SOM Research Report* 2021-009I&O. <https://www.rug.nl/feb/research/som-research-reports/som-research-reports-2021/2021009-io-def.pdf>.
- 52) Regional trajectories of entrepreneurship: the effect of socialism and transition (with Michael Fritsch & Maria Kristalova), 2020, *Jena Economic Research Paper* #2020-010, <https://ideas.repec.org/p/jrp/jrpwrp/2020-010.html>.
- 53) The Long-lasting Imprint of Roman Sandals? Evidence of Large-Scale Cultural Effect of Roman Rule in Germany (with Michael Fritsch; Martin Obschonka & Fabian Wahl), *Jena Economic Research Paper* #2020-005, <https://ideas.repec.org/p/jrp/jrpwrp/2020-005.html>.

54) Historical Institutional Differences and Entrepreneurship: The Case of the Socialist Legacy in Vietnam (with Christian Fisch; Thi Lanh Nguyen & Joern H. Block), 2020, *Jena Economic Research Paper #2020-002 & SOM Research Report Groningen 2020004-I&O*, <https://www.rug.nl/feb/research/som-research-reports/som-research-reports-2020/2020004-io-def.pdf>.

55) Towards 'Dirty Realism' in Inequality Research: Is Inequality Always Dirty? (with Evelien P. M. Croonen & Florian Noseleit, 2019, *Academy of Management Proceedings*, DOI: <https://doi.org/10.5465/AMBPP.2019.13616abstract>

56) Technological change and labor market integration (with Elisabeth Bublitz), 2018, *Jena Economic Research Papers #2018-008 & Hamburg WiSo -HH Working Paper Series No. 45*, <https://www.wiso.uni-hamburg.de/forschung/forschungslabor/downloads/working-paper-series/wp45.pdf>

57) Women and the labour market in East and West Germany: Socialist legacy and pre-socialist tradition, 2017, *Jena Economic Research Paper # 2017 – 015*, <https://ideas.repec.org/p/jrp/jrpwrp/2017-015.html>.

Research Notes

58) The value orientation of entrepreneurs in challenging institutional contexts: Insights from a unique historical episode, 2020, *Jena Economic Research Paper #2020-001*, <https://ideas.repec.org/p/jrp/jrpwrp/2020-001.html>.

59) The effect of being Protestant on entrepreneurial choice, 2018, *Jena Economic Research Papers #2018-010*, <https://ideas.repec.org/p/jrp/jrpwrp/2018-010.html>.

Contributions to edited volumes

English:

60) FIRES-Reform Strategy for Germany (with M. Sanders; M. Stenkula, M. Fritsch; A. Herrmann; G. Latifi; B. Pager, L. Szerb & E. Terragno Bogliaccini), in: Mark Sanders; Axel Marx & Mikael Stenkula (eds.), *The Entrepreneurial Society: A Reform Strategy for Italy, Germany and the UK*, Springer, 2020, <https://doi.org/10.1007/978-3-662-61007-7>.

61) Regional Trajectories of Entrepreneurship, Knowledge, and Growth (with Michael Fritsch), In: Max Keilbach & Erik Lehmann (eds.): *From Industrial Organization to Entrepreneurship: A Tribute to David B. Audretsch*, 2019, Springer. https://doi.org/10.1007/978-3-030-25237-3_16.

62) Entrepreneurship and Job Satisfaction: The Role of Age (with Michael Fritsch & Alina Sorgner), in: Charlie Karlsson, Mikaela Bakman & Orsa Kekezi (Eds.); *Edward Elgar Handbook on Entrepreneurship and Aging*, 2019, Cheltenham: Elgar.

63) Does Persistence in Start-up Activity Reflect Persistence in Social Capital? (with Michael Fritsch) In: Hans Westlund & Johan P. Larsson (Eds.): *Edward Elgar Handbook on Social Capital and Regional Development*, 2016, Cheltenham: Elgar.

64) The Persistence of Regional Entrepreneurship – Are all types of Self-Employment Equally Important? (with Michael Fritsch), in: Elizabeth Mack & Haifeng Qian (Eds.): *The Geography of Entrepreneurship*, 2014, Abingdon: Routledge.

65) Knowledge-Intensive Entrepreneurship Across Regions: Does Being a New Industry Make a Difference?, in: Peter Nijkamp, Karima Kourtit & Peter Stimson (Eds.): *Applied Regional Growth and Innovation Models*, 2014, Springer: Berlin/ New York. https://doi.org/10.1007/978-3-642-37819-5_2.

German:

66) Die Bedeutung regionaler Ausgangsbedingungen für die Wirtschaftsentwicklung in Ostdeutschland (with Michael Fritsch), In: Andreas H. Apelt & Lars Luedicke (eds.): *Die Treuhandanstalt: Pragmatismus, Erfolgskonzept oder Ausverkauf?*, 2021, Mitteldeutscher Verlag: Halle/Saale, pp. 40-49.

67) Langfristige regionale Trends unternehmerischer Selbständigkeit reflektieren unternehmerische Kultur (with Michael Fritsch). In: Katharina Hölzle, Heike Surrey & Victor Tiberius (eds.): *Perspektiven des Entrepreneurship: Unternehmerische Konzepte zwischen Theorie und Praxis*, 2020, Stuttgart: Schäffer-Poeschel. <https://doi.org/10.34156/9783791044736-431>.

68) Die Förderung von Gründungen und Gründungskultur an Hochschulen vor dem Hintergrund demografischen Wandels (with Matthias Piontek), in: Michael Fritsch, Peer Pasternack & Mirko Titze (Eds.): *Schrumpfende Regionen - dynamische Hochschulen. Hochschulstrategien im demografischen Wandel*, 2015, Wiesbaden: Springer VS, <https://doi.org/10.1007/978-3-658-09124-8>.

69) Fernwirkungen alter industriegeschichtlicher Erbschaften: Die regionale Kultur unternehmerischer Selbständigkeit im Transformationsprozess, (with Michael Fritsch, Elisabeth Bublitz, Alina Rusakova & Yvonne Schindele), in: Heinrich Best & Everhard Holtmann (Eds.): *Aufbruch der entscherten Gesellschaft. Deutschland unterwegs nach der Einigung – Entwicklungen seit dem Systemumbruch*, 2012, Campus Verlag: Frankfurt/New York.

Book review

70) Everything in Its Place: Entrepreneurship and the Strategic Management of Cities, Regions, and States, (written by David B. Audretsch, Oxford University Press, Oxford, 2015); *Regional Studies*, 2016, Vol. 50, 183-184, <https://doi.org/10.1080/00343404.2015.1103521>.

Data report

71) The start-up compendium: start-up activity in German regions (with Michael Fritsch), *Data report*, <https://www.uiw.uni-jena.de/Research.html>

72) GAW survey data linked with administrative data of the IAB (GAW-ADIAB): A documentation and review of empirical evidence and research opportunities (with Michael Fritsch, Elisabeth Bublitz and Alina Sorgner), *Jena Economic Research Paper # 2018 – 017*, see also <https://fdz.iab.de/en/data-archive/gaw-adiab.aspx>.

73) The privatization activities of the Treuhandanstalt and the transformation of the East German corporate landscape: a new dataset for first explorations (with Alexander Giebler), IWH Technical Reports No. 1, Institute for Economic Research Halle, <https://www.iwh-halle.de/en/research/data-and-analysis/research-data-centre/iwh-treuhand-database/>.

74) GAW-Befragungsdaten verknüpft mit administrativen Daten des IAB (GAW-ADIAB). Datenreport zur Gründerbefragung des Projekts SFB 580 B10 „Gründungsgeschehen und Arbeitsmarkt in ost- und westdeutschen Wachstumsregimen (GAW)“ (with Michael Fritsch, Elisabeth Bublitz & Alina Sorgner), *FDZ-Datenreport 05/2015*, Institut für Arbeitsmarkt- und Berufsforschung, Nürnberg.

75) Innovationen in Ost- und Westdeutschland: Ein Überblick (with Michael Fritsch and Maria Kristalova), 2019, Friedrich-Schiller-Universität Jena, Available at: https://www.uiw.uni-jena.de/uiwmedia/MOD_Block/handout_web_farbe.pdf

Policy reports & other policy-oriented publications

76) Die langfristigen Folgen des Sozialismus und der deutschen Vereinigung für Innovationsaktivitäten in Ostdeutschland (with Michael Fritsch & Maria Greve), Item for online platform “Lange Wege der Deutschen Einheit“, Bundeszentrale für politische Bildung, 2021.

77) The COVID-19 Pandemic and Entrepreneurship in Germany: First Observations and Interpretations (with Michael Fritsch & Maria Greve), *Jena Economic Research Paper #2021-007*. <https://ideas.repec.org/p/jrp/jrpwrrp/2021-007.html>

78) Unternehmertum und Wissen als Treiber regionaler Entwicklung in Ostdeutschland (with Michael Fritsch & Maria Greve), *IfM-Bonn & FGF Policy Brief*, 04/2021. Förderkreis Gründungs-Forschung e.V. (FGF) & IfM Bonn.

79) Wirtschaft im Schock – Auswirkungen von Grenzöffnung und deutscher Vereinigung auf die DDR-Wirtschaft (with Michael Fritsch), Item for online platform “Lange Wege der Deutschen Einheit“, Bundeszentrale für politische Bildung, 2019.

80) FIRES-Reform Strategy for Germany (with M. Sanders; M. Fritsch; A. Herrmann; G. Latifi; B. Pager, L. Szerb & E. Terragno Bogliaccini), *FIRES Report*, D5.12. + Policy Brief on the FIRES-reform strategy for Germany, No. XX/ April 2018.

81) FIRES-Policy Report: An Evaluation of German Active Labor Market Policies and its Entrepreneurship Promotion (with Michael Fritsch & Moritz Zoellner), *Jena Economic Research Paper*, # 2016 – 022.

82) Entwicklung und Perspektiven der Förderung innovativer Gründungen im Freistaat Thüringen (with Michael Fritsch, Alina Sorgner & Moritz Zöllner), Jena, 2015.

83) Unternehmerische Selbständigkeit im ostdeutschen Transformationsprozess und Implikationen für Korea (with Michael Fritsch) in: Eun-Jeung Lee & Everhard Holtmann (Eds.), *Wisensstransfer als interkulturelle Translation: Erarbeitung modellhafter Praxen transformationsvorbereitender Aktivitäten in Korea*, 2013, DFG-Transferprojekt Abschlussbericht, Halle/Berlin, pp. 345-374.

84) The Role of a Regional Entrepreneurship Culture—Evidence and Consequences (with Michael Fritsch), in: Pontus Braunerhjelm (Ed.): *Entrepreneurship, norms and the business cycle*, Swedish Economic Forum Report 2012, Stockholm: Entreprenörskapsforum.

85) Several items (Vom Plan zum Markt; Von fast Null auf Hundert; Wirtschaft im Schock) for the online platform “Lange Wege der Deutschen Einheit“ (with Michael Fritsch, Yvonne Schindele, Alina Rusakova), Bundeszentrale für politische Bildung, 2011.

86) Innovative Gründungen und ihre Bedeutung für den Standort Thüringen (with Michael Fritsch, Florian Noseleit & Viktor Slavtchev), Jena, 2010.

87) Frauen in Thüringen: Eine Bestandsaufnahme der Wanderungs-, Erwerbs- und Einkommenssituation auf Basis der amtlichen Statistik (with Alexandra Krause, Olaf Struck, Lydia Henning & Janine Bernhardt), Jena, 2008.

Miscellaneous

88) Systemumbruch und Beschäftigungsentwicklung: Wirken die Spuren der Vergangenheit langfristig nach? Eine empirische Untersuchung mit Daten des SFB 580-B2 Betriebspanels (with Ina Krause). Sonderforschungsbereich Gesellschaftliche Entwicklungen nach dem Systemumbruch - Diskontinuität, Tradition und Strukturbildung. Arbeitspapier, 16, Jena, 2008

C. TEACHING

Courses

Postgraduate level:

- Entrepreneurship (at 10th Jena Summer Academy on 'Innovation and Uncertainty' in summer 2016)
- Regional Development, Guest lecture, 2019-20/2020-21 (master/PhD level)

Master level (University of Groningen):

- Small Business Economics & Policy (2020-21)
- New Ventures & Entrepreneurship 2018-19 (**TOP 5 evaluated course at Faculty of Economic and Business in semester 2.1 in 2018/19 & 2019/2020**); 2020-21
- Business Diagnosis 2018-19/ 2019-20/ 2020-21 (+ course coordination)
- Master thesis module 2018-19 (evaluation: 5/5)/ 2019-20 (4.8/5)
- Pre-Master MSc BA SB&E research paper module (2019-20)
- International Entrepreneurship 2019-2020; 2020-21 (+ course coordination)
- Entrepreneurship Policy: Guest lecture 2012-13.

Master Level (Friedrich Schiller University Jena):

- Advanced Studies in Entrepreneurship: Lecture 2014/15; Reading Class/Tutorial in winter 2010/11; 2011/12; 2012/13; 2013/14; 2014/15; 2015/2016; 2016/17; 2017/18
- Entrepreneurship and the region: Seminar 2012; 2013; 2014; 2015; 2016; 2017
- Innovation Systems: Lecture 2018; Tutorial 2013; 2014; 2015; 2016; 2017; 2018
- Regional Development: Lecture 2014/15; Tutorial 2016/17; 17/18; Guest Lecture 18/19

Bachelor level/minor programmes (University of Groningen):

- Bachelor thesis module Bedrijfskunde 2018-2019
- Introduction to Entrepreneurship (faculty & university minor) 2018-19/ 19-20/ 20-21
- Entrepreneurship: Psychology and institutions 2018-19/ 19-20/ 20-21.

Bachelor level (Friedrich Schiller University Jena)

- Markets, Competition, and Regulation: Tutorial 2012; 2013; 2014; 2015; 2016; 2017; Lecture 2018
- Entrepreneurship, Competition, and Regulation: Seminar 2010/11; 13/14; 14/15; 15/16; 16/17; 17/18.
- Entrepreneurship, Market Dynamics, and Economic Development: Tutorial 2010; Lecture 2018.

Supervision (non-Ph.D.)

- FSU Jena/RU Groningen: Supervision of numerous bachelor, master, and diploma theses (ca. 70x).