

Dr. Michael Hudecheck

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Citizenship: United States of America

Switzerland Visa Status: B Permit with Unrestricted Work Privileges (EU/ETFA Family Reunification)

Biography: International Postdoctoral Fellow at the University of St. Gallen, where I conduct research on organizational theory and societal grand challenges with computationally intensive methods and data sources, such as large-language models and satellite-based remote sensing data. I have publications in MIT Sloan Management Review, Nature Communications Earth & Environment, and a manuscript under revise and resubmit at Strategic Management Journal. My work has been presented at the Academy of Management, the Strategic Management Society, the European Academy of Management Annual Meeting (EURAM), and the Babson College Entrepreneurship Research Conference, where my submission was selected for a Best Paper Proceedings

Education

University of St. Gallen

Degree: Ph.D. in Management

St. Gallen, Switzerland

Spring 2019 – Summer 2023

- Dissertation: Exploring the Resiliency of Entrepreneurs and Ventures in the Face of Adversity
- GPA: 5.7/6.0

ETH Zürich (Swiss Federal Institute of Technology) & University of Zürich

Degree: Master of Arts in Comparative and International Studies

Zürich, Switzerland

Fall 2015 – Spring 2018

- Master's Thesis: Evaluating the Impact of Repetitive Exposure and Counter Framing Treatments on Public Support for Climate Mitigation and Alternative Energy Policy

National Intelligence University

Degree: Master of Science of Strategic Intelligence

Washington, DC

Fall 2012 – Summer 2013

- Master's Thesis: Rewriting Social Conflict Analysis: Examining the Potential for the Reemergence of Social Instability in the Russian Federation Through the Lens of the 2011-2013 Anti-Government Demonstrations
- Concentration: Eurasia Studies

Babson College

Degree: Bachelor of Science in Business Management

Babson Park, MA

Fall 2005 - Spring 2009

- Concentrations: Strategic Management & Entrepreneurship

Academic Experience

University of St. Gallen – Institute of Responsible Innovation

International Postdoctoral Fellow & Postdoctoral Researcher

St. Gallen, Switzerland

Fall 2023 - Current

- Awarded competitive International Postdoctoral Fellowship to conduct research on the strategy of organizational sustainability transitions
- Independently conduct research on topics associated with organizational theory and sustainability, with a particular focus on using computational methods and data sources, such large language models and satellite-based remote sensing data, to explore the intersection of organizational theory and societal grand challenges
- Institute lead for Swiss National Science Foundation Indo-Swiss Collaboration Grant “Investigating Informal Entrepreneurship in Indian Slums with Satellite Data”
- Lead author for manuscript in under review at the Journal of Business Venturing, co-author for an equal-contribution manuscript in revise and resubmit at Strategic Management Journal, and co-author for a manuscript published in Nature Communications Earth & Environment

University of St. Gallen – Institute of Technology Management

Ph.D. Candidate & Research Associate

St. Gallen, Switzerland

Fall 2018 – Summer 2023

- Independently conducted research on topics associated with venture financing, sustainability, and adversity, with a particular focus on using geospatial methods and data to explore how observable organizational traces changed in response to adversity shocks
- First-author for two manuscripts published in MIT Sloan Management Review, which were among the first manuscripts published in a management-oriented Financial Times 50 (FT-50) ranked journal to use satellite-based remote sensing data as a primary data source

- Led conceptualization, drafting, and implementation of Swiss National Science Foundation Grant #31CA30_196293 “Tracking and Managing the Economic and Social Impacts of COVID-19 through Collective Emotions, Media Traces, and Satellite-Based Remote Sensing Data” under Prof. Dr. Charlotta Sirén, which funded my Ph.D. studies from Spring 2020 to Summer 2023
- Awarded University of St. Gallen Impact Award for “Staying on Top of the Crisis: Tracking the Economic and Social Impacts of SARS-CoV 2 and Future Disasters to Improve Global Disaster Management Response Efforts” with Charlotta Siren, Dietmar Grichnik, and Joakim Wincent
- Lead presenter or co-presenter for conference presentations at the Strategic Management Society, Academy of Management Annual Meeting, and Babson College Entrepreneurship Research Conference
- Supported ideation and development of University of St. Gallen graduate course IC: Managing Adversity in Crisis
- Led development of Sentinel.jl, an open-source geospatial information systems (GIS) library written in the Julia programming language for processing and analyzing geospatial data from the ESA Sentinel 2, ESA Sentinel 5-Precursor, and NASA VIIRS remote sensing platforms, and other geospatial libraries in Julia and R

ETH Zürich – Center for Comparative and International Studies

Zürich, Switzerland

Starr International Foundation Excellence Scholar & Graduate Research Assistant

Fall 2015 – Summer 2018

- Awarded competitive Starr International Foundation Excellence Scholarship that funded my graduate studies at ETH Zürich
- Conducted research on environmental policy, message framing, and climate-induced migration outcomes in support of ERC Advanced Grant #2-73945-12
- Programmed framing, discrete choice, and conjoint analysis with JavaScript & Qualtrics; conducted geographic information systems (GIS) analysis on light pollution, rainfall levels, and environmental pollution data; and performed data modelling and qualitative analysis in R Statistics, Stata, and other platforms for the ETH Zürich Chair of International Relations
- Published reverse geocoding library in R Statistics, Revgeo, to R CRAN

National Intelligence University – College of Strategic Intelligence

Washington, DC

Graduate Student

Fall 2012 – Summer 2013

- Awarded Master of Science in Strategic Intelligence Studies and Joint Professional Education Certification (Phase I) from accredited Federally chartered staff college
- Graduate thesis examined future social stability of Russian Federation through quantitative analysis of relevant demographic, economic, and health & welfare statistics. Included qualitative analysis of Russian national strategy, Russian information operations, and drivers of civil disobedience to explore determinants and consequences of Russian state control of public information domain
- Participated in 29th Annual Joint Land, Aerospace & Sea Simulation, a capstone strategic exercise for students enrolled at Department of Defense staff colleges

Academic Publications

Published

- Hudecheck, M., Siren, C., Grichnik, D., & Wincent, J. (2020). Monitoring the COVID-19 Crisis from Space. MIT Sloan Management Review
- Hudecheck, M., Siren, C., Grichnik, D., & Wincent, J. (2020). How Companies Can Respond to the Coronavirus. MIT Sloan Management Review
- Hudecheck, M., Maresch, D., & Fink, M. (2023). We Keep an Eye on You! How High-Tech Security Assets Complement Police Forces on Enhancing the Safety of Metropolitan Societies. IEEE Transactions on Engineering Management
- Zachlod, N., Hudecheck, M., Siren, C., & George, G. (2025). Unintended Consequences of Roundtable on Sustainable Palm Oil (RSPO) Certifications in the Malaysian Palm Oil Industry. In-Press at Nature Communications Earth & Environment

Revise and Resubmit

- Zachlod, N. & Hudecheck, M. (2025). Strategize or Die: Overcoming Grand Challenges Through Strategic Narratives When Failure isn't an Option. First Round Invited Revise and Resubmit at Strategic Management Journal (Equal Contribution)

Under Review

- Hudecheck, M., Siren, C., Grichnik, D., & George, G. (2025). From Headlines to Valuations: How Media Sentiment Shapes Venture Capital Funding for Entrepreneurial Ventures. Under Review at Journal of Business Venturing. Previously in Second Round Revise and Resubmit with Journal of Management Studies

Working Drafts

- Hudecheck, M. (Working Draft). Intersectional Identity Cleavages and Trialectics. Presented as Informal Entrepreneurship, Adversity, and Social Field Theory: A Cross-Cutting Cleavages Perspective at the 2023 Academy of Management Annual Meeting. Late-Stage Draft Targeted for Organization Studies.
- Zachlod, N., Hudecheck, M., Siren, C., & George, G. (2025). Advancing Grand Challenge Research: Satellite Data as a Pragmatic Tool in Organization Studies. Previously in Revise and Resubmit at Organizational Research Methods
- Hudecheck, M. & Sirén, C. New Venture CEO Strategic Media Engagement: When Provocation Pays Off.
- Zachlod, N. & Hudecheck, M. Entrepreneurship Formalization in Slums: An Urban Architecture Perspective.

Technical Contributions

- Hudecheck, M. (2022). Tiler.jl: A GPU Enabled Julia Library for Quickly Creating TMS Tiled Web Maps for Online and Offline Use. Available on Github at <https://github.com/mhudecheck/tiler.jl>
- Hudecheck, M. (2021). Sentinel.jl: A Library for Processing ESA Sentinel 2 and Sentinel 5 Remote Sensing Data in Julia. Published to Julia REPL in Winter 2021 and available on Github at <https://github.com/mhudecheck/sentinel.jl>
- Hudecheck, M. (2017). Revgeo: Reverse Geocoding with the Photon Geocoder for OpenStreetMaps, Google Maps, and Bing. Published to R CRAN in Spring 2027

Academic Presentations

Lead or Co-Presenter

- Zachlod, N. & Hudecheck, M. (2025). Entrepreneurship Formalization in Slums: An Urban Architecture Perspective. Accepted to the 2025 Academy of Management Annual Meeting
- Hudecheck, M. (2025). Nature as Dialectic: Entrepreneurial Venture Embeddedness and the Sustainability Paradox. Accepted to the 2025 Babson College Entrepreneurship Research Conference
- Hudecheck, M. & Siren, C. (2025). When New Venture CEO Provocative Media Engagement Pays Off. Accepted to the 2025 Babson College Entrepreneurship Research Conference
- Zachlod, N. & Hudecheck, M. (2024). Power Relations and Resilience: The Implications of Calls for Justice Among the (Un)Resilient. Academy of Management Annual Meeting
- Zachlod, N., Hudecheck, M., Siren, C., & George, G. (2024). Satellite Data as an Emerging Method for Organizational Research: A Detailed Overview and Use Case. Academy of Management Annual Meeting
- Zachlod, N. & Hudecheck, M. (2024). The Impact of Slum Architecture on Informal Entrepreneurship. Babson College Entrepreneurship Research Conference
- Hudecheck, M. (2023). The Ecology of Informal Entrepreneurship Among the Disadvantaged: A Field Theory Perspective. Academy of Management Annual Meeting
- Hudecheck, M., Siren, C., Grichnik, D., & George, G. (2022). Investigating Entrepreneurial Venture Resource Acquisition through the Lens of Media Dynamics. Academy of Management Annual Meeting
- Zachlod, N., Hudecheck, M., & Siren, C. (2022). Remote Sensing Data in Strategic Management Research and Practice. Strategic Management Society 42nd Annual Conference
- Hudecheck, M. (2022). Special Call on Coronaviruses Research Presentation. Swiss National Science Foundation NRP 78 Second Annual Conference
- Hudecheck, M., Siren, C., Grichnik, D., & George, G. (2021). Adversity and Venture Performance: Is Adverse Media Coverage Really That Bad for Entrepreneurial Ventures? Babson College Entrepreneurship Research Conference. Selected for Best Paper Proceedings and included in Frontiers of Entrepreneurship Research
- Hudecheck, M., Siren, C., Grichnik, D., & Wincent, J. (2021). Looking at Entrepreneurship from the Sky: Satellite Data in Entrepreneurship Research. Babson College Entrepreneurship Research Conference
- Hudecheck, M. (2021). Going Beyond the Frontiers of Management Research: Monitoring Changes in Economic and Social Activity with Satellite Remote Sensing Data. Keynote Speaker: KEEN First Annual PhD Colloquium

Teaching Experience

- Submitted for Approval (est. Spring 2026). Strategy, Entrepreneurship, and the United Nations. Lecturer and lead for planned graduate course in collaboration with the United Nations System Staff College
- 2024 - Current. IC: Grand Challenges and Innovation with the United Nations. Teaching assistant for experiential graduate collaboration course with the United Nations
- 2021 - 2024. IC: Managing Adversity in Crises. Teaching assistant for an applied graduate methods course on organizational innovation in response to adversity and crisis
- 2021 - 2024. RPV: Venturing in Emerging Trends - Entrepreneurship and Innovation in Practice. Teaching assistant for a graduate course on applied entrepreneurship and innovation
- 2019. Methods: Startup Navigator. Teaching assistant for a graduate course on entrepreneurship

Professional Experience

University of Zürich – Department of Psychology

Programmer & Research

Zürich, Switzerland

Fall 2017 – Summer 2018

- Served as technical lead and main programmer for front & back-end development of a reactive, custom-built longitudinal survey experiment platform

Defense Intelligence Agency

Senior Operations Officer, S&T Technical Support Element - Afghanistan

Bagram Air Base, Afghanistan

Winter 2013 – Fall 2014

- Deployed to Afghan Theater of Operations in support of Operation Enduring Freedom XV
- Managed diverse staff of operational support officers, reports writers, and native linguists
- Oversaw implementation of stateside translation and report writing capabilities during drawdown to Resolute Support
- Served as Acting Chief, STE-A in late Fall 2014

Defense Intelligence Agency

Deputy Chief, COTR, Joint Document and Media Exploitation Center – Afghanistan

Bagram Air Base, Afghanistan

Winter 2011 – Summer 2012

- Deployed to Afghan Theater of Operations in support of Operation Enduring Freedom XIII
- Served as Deputy Chief for JDEC-A from May 2012 to August 2012 and as COTR from January 2012 to May 2012
- Managed staff of deployed military, civilians, and contractors across Afghanistan Theater of Operations
- Instituted review of JDEC-A resource alignments that resulted in cost savings of \$1.29M
- Supervised analysis of exploitation process that standardized workload production levels across detachments

Defense Intelligence Agency

Deputy Program Manager, Business Manager

Washington, DC

Summer 2009 – Spring 2015

- Served as Deputy Program Manager for large Information Assurance & Computer Network Defense (IA/CND) funding initiative
- Managed program coordination, acquisition strategy, and functional execution across directorate
- Led development and execution of Fiscal Year (FY) 2010 and 2011 program spend-plans
- Primary contract officer representative for labor contracts supporting IA/CND requirements
- Deployed twice to Afghan Area of Operations (AOR) in various roles
- Received Special Act Award (2x)

Awards, Fellowships, & Grants

- **GFF International Postdoctoral Fellowship.** (2024-Current). University of St. Gallen. Award Amount: 190.9K CHF. Awarded international fellowship to conduct research on the strategy of organizational sustainability transitions.
- **HSG Impact Award.** (2021). Co-recipient of University of St. Gallen 2021 Impact Award for “Staying on Top of the Crisis: Tracking the Economic and Social Impacts of SARS-CoV 2 and Future Disasters to Improve Global Disaster Management Response Efforts”
- **Frontiers of Entrepreneurship Best Paper Proceedings.** (2021). Conference presentation “Adversity and Venture Performance: s Adverse Media Coverage Really That Bad for Entrepreneurial Ventures?” selected for Babson College Entrepreneurship Research Conference Best Paper Proceedings and included in Frontiers of Entrepreneurship Research
- **Star International Foundation & ETH Zürich Excellence Scholarship Opportunity Program.** (2015-2017). ETH Zürich. Award Amount: 33K CHF. Awarded endowed scholarship for graduate studies at ETH Zürich

Academic Service

Ad-Hoc Reviewer

- Business & Society; Technological Forecasting & Social Change; Academy of Management Annual Meeting (2025-2022); Babson College Entrepreneurship Research Conference (2024, 2021)

Graduate Thesis Support

- Pauline Moser. Due for Submission in Summer 2025
- Ferdinand Limmer. Submitted in Summer 2023
- Richard Alexander Braisch. Submitted in Summer 2021

Associated Skills

- Programming Languages: Julia, R, Python, C, JavaScript
- Spoken Languages: English (Native), German (A2)

Academic Memberships

- Academy of Management, European Academy of Management

Academic References

Prof. Dr. Charlotta Sirén

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Director of the Institute of
Responsible Innovation
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