

Michael D. Hudecheck

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Education

University of St. Gallen

PH.D. IN MANAGEMENT

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

St. Gallen, CH

Fall 2018 - Summer 2023

ETH Zürich & University of Zürich

DEGREE: MASTER OF ARTS IN COMPARATIVE AND INTERNATIONAL STUDIES

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

Zürich, CH

Fall 2015 - Spring 2018

Babson College

DEGREE: BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

- Concentrations: Strategic Management & Entrepreneurship
- Honors: Magna Cum Laude

Babson Park, MA

Fall 2005 - Summer 2009

Academic Experience

University of St. Gallen, Institute of Responsible Innovation

POSTDOCTORAL RESEARCHER

- Independently conduct research into sustainability and societal grand challenge-related initiatives, with a particular focus on the intersection of societal grand challenges, organizational theory, and entrepreneurship
- Awarded GFF International Postdoctoral Fellowship to conduct research on organizational sustainability transitions
- Institute Project Manager for Swiss National Science Foundation Indo-Swiss Collaboration Grant: Investigating Informal Entrepreneurship in Indian Slums with Satellite Data

St. Gallen, CH

Summer 2023 - Current

University of St. Gallen, School of Management

RESEARCH ASSOCIATE

- Lead author for two Financial Times 50 publications and a Babson College Entrepreneurship Research Conference Frontiers of Entrepreneurship Best Paper Proceedings
- Lead or co-presenter for conference presentations at the Academy of Management Annual Meeting (2023, 2022), Strategic Management Society (2022), and the Babson College Entrepreneurship Research Conference (2021)
- Conducted research into interrelations between venture adversity and venture related outcomes using large-n media (+100M article) datasets
- Published research into geospatial traces of aggregated human behavior changes due to adversity shocks by extensively analyzing NASA and ESA remote sensing data
- Published two open source libraries, Sentinel.jl and Tiler.jl, used to analyze European Space Agency remote sensing data in the Julia programming language

St. Gallen, CH

Fall 2018 - Spring 2023

University of Zürich, Department of Psychology

PROGRAMMER & RESEARCH ASSOCIATE

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

Zürich, CH

Fall 2017 - Summer 2018

ETH Zürich, Center for Comparative and International Studies

RESEARCH ASSISTANT

- Performed data modeling and quantitative analysis in R Statistics, Stata, and other statistical analysis platforms for research conducted under ERC Advanced Grant 2-73945-12
- Programmed framing, discrete choice, and conjoint analysis experiments with Javascript & Qualtrics for online experiments conducted by Chair of International Relations
- Conducted geographic information systems (GIS) analysis in R Statistics on light pollution, rainfall levels, and environmental pollutant data from the United States, Germany, and VietNam
- Published reverse geocoding library for R Statistics in R CRAN
- Copy edited research grant proposals and draft publications written by senior researchers
- Research Methodologies and Skills: Hierarchical Fixed and Random Effects Models, Binomial and Multinomial Logistic Regression, Generalized Linear Regression, Geographic Information Systems, Survey-Based Framing Experiments, Conjoint Analysis, Discrete Choice Experiments

Zürich, CH

Fall 2015 - Spring 2018

Academic Publications

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

REVISE AND RESUBMIT

- Hudecheck, M., Siren, C., Grichnik, D., & George, G. (Working Draft). Bad News, More Money: The Role of CEO Discourse Power on the Positive Resource Outcomes of Negative Media Attention. Revise and Resubmit at Journal of Management Studies

WORKING DRAFTS

- Hudecheck, M. (Working Draft). Informal Entrepreneurship, Adversity, and Social Field Theory: A Cross-Cutting Cleavages Perspective
- Hudecheck, M., Siren, C., & George, G. (Working Draft). Exploring the Adverse Role of Sustainability Certifications on Environmental Outcomes
- Hudecheck, M. & Zachlod, N. (Working Draft). Organizational Determinants of Alliance Disruptions Among Small Island Developing States
- Zachlod, N., Hudecheck, M., Siren, C., & George, G. (Working Draft). Using Satellite Data to Study Grand Challenges. Revise and Resubmit at Organizational Research Methods

Technical

SOFTWARE LIBRARIES

- Hudecheck, M. (2022). Tiler.jl: A GPU Enabled Julia Library for Quickly Creating TMS Tiled Web Maps for Online and Offline Use. <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. <https://github.com/mhudecheck/sentinel.jl>
- Hudecheck, M. (2017). Revgeo: Reverse Geocoding with the Photon Geocoder for OpenStreetMaps, Google Maps, and Bing. <https://github.com/mhudecheck/revgeo>

Academic Presentations

Conference Presentations

LEAD OR CO-PRESENTER

- Zachlod, N. & Hudecheck, M. (2024). Power Relations and Resilience: The Implications of Calls for Justice Among the (Un)Resilient Accepted to the 2024 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. Accepted to the 2024 Academy of Management Annual Meeting
- Zachlod, N. & Hudecheck, M. (2024). The Impact of Slum Architecture on Informal Entrepreneurship. Accepted to the 2024 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., Siren, C., & Zachlod, N. (2022). Remote Sensing Data in Strategic Management Research and Practice. Strategic Management Society Milan
- 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 Conference Proceedings and Published 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

Awards, Fellowships, & Grants

GFF International Postdoctoral Fellowship

St. Gallen, CH

UNIVERSITY OF ST. GALLEN

Winter 2023 - Fall 2025

- Awarded a competitive twenty-four month GFF International Postdoctoral Fellowship to investigate the impact of sustainability transitions on organizations (Award Amount 190.9K CHF)

HSG Impact Award 2021

St. Gallen, CH

UNIVERSITY OF ST. GALLEN

Summer 2021

- Co-recipient of HSG Impact Award for research into economic and social impact of COVID-19 pandemic using remote sensing and digital media trade data to improve future global disaster management response efforts

FERS Best Paper Proceedings

MA, USA

BABSON COLLEGE ENTREPRENEURSHIP RESEARCH CONFERENCE

Summer 2021

- Publication selected for the Best Paper Proceedings of the 2021 Frontiers of Entrepreneurship Research BCERC Conference

Excellence Scholarship and Opportunity Program

Zürich, CH

STARR INTERNATIONAL FOUNDATION & ETH ZÜRICH

Fall 2015 - Spring 2027

- Endowed scholarship from Starr International Foundation & ETH Zürich (Award Amount 33K CHF)

Teaching Experience

Teaching Assistant

UNIVERSITY OF ST. GALLEN

- 2021-Current. IC: Managing Adversity in Crises. Teaching assistant for applied graduate methods course on organizational innovation in response to adversity and crisis
- 2021-Current. RPV: Venturing in Emerging Trends - Entrepreneurship and Innovation in Practice. Teaching assistant for graduate course on applied entrepreneurship and innovation.
- 2019. Methods: Startup Navigator. Teaching assistant for graduate course on entrepreneurship

Service

Ad-Hoc Reviewer

JOURNALS

- Business & Society, Technological Forecasting & Social Change

CONFERENCES

- Academy of Management Annual Meeting (2022-2024), Babson College Entrepreneurship Research Conference (2021, 2024)