Dr. Anne-Kathrin Kleine

Curriculum Vitae

# Personal Information

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ORCID iD <https://orcid.org/0000-0003-1919-2834>

GitHub <https://github.com/AnneOkk/>

Personal Website <https://annekathrinkleine.netlify.app/>

Research Interests Human-AI interaction, health psychology, occupational transitions and career development, meta-analyses and systematic reviews

# Education

## PhD in Psychology University of Groningen

2019 – 2022 Department of Psychology

Division of Work and Organizational Psychology

Thesis title: *Ready for Change – Adaptation and Development in Dynamic Vocational Contexts*

Supervisors: Prof. Dr. Barbara Wisse, Dr. Antje Schmitt, Dr. Anita Keller

Date of defense: November 21, 2022

## MSc in Psychology University of Leipzig

2016 – 2017 Grade: 1.2

## BSc in Psychology Technical University of Dresden

2011 – 2016 Grade: 1.7

# Positions

## Junior Group Leader LMU Munich

08/2023 – present Human-AI-Interaction Group

## Postdoctoral Researcher LMU Munich

06/2022 – present Human-AI-Interaction Group (Dr. Susanne Gaube, Dr. Eva Lermer)

## Doctoral Candidate University of Groningen

09/2019 – 06/2022 Department of Psychology (Prof. Dr. Barbara Wisse)

**Predoctoral Researcher** **University of Leipzig**

05/2018 – 04/2019 Department of Organizational Psychology (Prof. Dr. Hannes Zacher)

**Predoctoral Researcher** **Leipzig University Medical Center**

05/2017 – 07/2018 Department of Medical Psychology and Medical Sociology (Prof. Dr. Jochen Ernst)

**Predoctoral Researcher Technical University of Dresden**

01/2013 – 11/2013 Department of Social Psychology (Prof. Dr. Roland Deutsch)

# Peer-Reviewed Publications

# 2024

# Pargent, F., Koch, T. K., Kleine, A. K., Lermer, E., & Gaube, S. (2024). A Tutorial on tailored simulation-based sample-size planning for experimental designs with generalized linear mixed models. *Advances in Methods and Practices in Psychological Science*, *7*(4).

# Kleine, A. K., Kokje, E., Hummelsberger, P., Schaffernak, I., & Lermer, E, & Gaube, S. (in press). AI-enabled clinical decision support tools for mental healthcare: A product review. *Artificial Intelligence in Medicine*.

# Kleine, A. K., Schaffernak, I., & Lermer, E. (in press). Exploring the predictors of AI chatbot usage intensity among students: Within-and between-person relationships using the technology acceptance model. *Computers in Human Behavior: Artificial Humans*

# Kleine, A. K., Schmitt, A., & Wisse, B. M. (2024). Challenge and threat appraisal of entrepreneurial errors: a latent profile analysis and examination of coping responses. *Current Psychology*, *43*(2), 1206-1220. https://doi.org/10.1007/s12144-023-04370-1

# Kleine, A. K., Schmitt, A., & Wisse, B. M. (2024). Financial stress and quit intention: the mediating role of entrepreneurs’ affective commitment. *International Entrepreneurship and Management Journal*, 1-24. https://doi.org/10.1007/s11365-024-00972-8

# Dingel, J.\*, Kleine, A. K.\* (\**shared first authorship*), Cecil, J., Sigl, A. L., Lermer, E., & Gaube, S. (2024). Predictors of Health Care Practitioners’ Intention to Use AI-Enabled Clinical Decision Support Systems: Meta-Analysis Based on the Unified Theory of Acceptance and Use of Technology. *Journal of medical internet research*, *26*. https://doi.org/10.2196/57224

# Gaube, S., Biebl, I., Engelmann, M. K. M., Kleine, A. K., & Lermer, E. (2024). Comparing preferences for skin cancer screening: AI-enabled app vs dermatologist. *Social Science & Medicine*, *349*. https://doi.org/10.1016/j.socscimed.2024.116871

# 2023

# Kleine, A. K., Lermer, E., Cecil, J., Heinrich, A., & Gaube, S. (2023). Advancing mental health care with AI-enabled precision psychiatry tools: A patent review. *Computers in Human Behavior Reports*. https://doi.org/10.1016/j.chbr.2023.100322

# Kleine, A.-K., Kokje, E., Gaube, S., & Lermer, E. (2023). Attitudes toward the adoption of 2 AI-enabled mental health tools among prospective psychotherapists: A cross-sectional study. *JMIR Human Factors*. https://doi.org/10.2196/46859

# Kleine, A.-K., Schmitt, A., & Keller, A. C. (2023). Career planning and self-efficacy as predictors of students’ career-related worry: Direct and mediated pathways. *Journal of Career Development*. https://doi.org/10.1177/08948453221078950

# Gaube, S., Walton, K., Kleine, A. K., Däumling, S., Rohrmeier, C., Müller, S., ... & Schneider-Brachert, W. (2023). Examining outpatients' hand hygiene behaviour and its relation to COVID-19 infection prevention measures. *Journal of Hospital Infection*, *141*, 55-62. https://doi.org/10.1016/j.jhin.2023.08.013

# 2022

# Kleine, A. K., Rudolph, C. W., Schmitt, A., & Zacher, H. (2022). Thriving at work: an investigation of the independent and joint effects of vitality and learning on employee health. *European Journal of Work and Organizational Psychology*, 1-12. https://doi.org/10.1080/1359432X.2022.2102485

# Relke, S., Fritsche, I., Masson, T., Kleine, A. K., Thien, K., von Glahn, L., ... & Richter, D. (2022). Personal condition but social cure: Agentic ingroups elevate well‐being in chronically ill patients through perceptions of personal control. *British Journal of Health Psychology*, *27*(3), 666-690. https://doi.org/10.1111/bjhp.12567

# 2021

# Kleine, A.-K., Schmitt, A., & Wisse, B. M. (2021). Students’ Career Exploration: A Meta-Analysis. *Journal of Vocational Behavior*, *131*. https://doi.org/10.1016/j.jvb.2021.103645

# 2019

# Kleine, A.-K., Hallensleben, N., Mehnert, A., Hönig, K., & Ernst, J. (2019). Psychological interventions for partners of cancer patients: A systematic review. *Critical Reviews in Oncology and Hematology, 140*, 52-66. https://doi.org/10.1016/j.critrevonc.2019.05.008

# Kleine, A.-K., Rudolph, C., & Zacher, H. (2019). Thriving at work: A meta-analysis. *Journal of Organizational Behavior*, *40*, 973-999. https://doi.org/10.1002/job.2375

# Book Chapters

# Kleine, A. K. (2024). Neue methodische Ansätze zur Erforschung von Trends in der KI-gestützten mentalen Gesundheitsversorgung. In *Künstliche Intelligenz im Healthcare-Sektor* (pp. 78-82). Frankfurt University of Applied Sciences

# Cecil, J., Kokje, E., Gaube, S., Lermer, E., & Kleine, A. K. (2024). Einflussfaktoren auf die Nutzung KI-gestützter Technologien in der psychischen Gesundheitsversorgung. In *Künstliche Intelligenz im Healthcare-Sektor* (pp. 83-87). Frankfurt University of Applied Sciences.

# Lermer, E., Gaube, S., Cecil, J., Kleine, A. K., Kokje, E., Frey, D., & Hudecek, M. (2024). Patient: innen und KI: Eine Frage der Perspektive bei der Bewertung von KI bei medizinischen Online-Diensten. In *Künstliche Intelligenz im Healthcare-Sektor* (pp. 74-76). Frankfurt University of Applied Sciences.

# Kleine, A. K., & Schmitt, A. (2020). Entrepreneurial well-being. In *SAGE Handbook of Organisational Wellbeing*. SAGE Publications Inc.

# Conference Contributions

# Organized symposia

# Kleine, A.-K. (*Chair*), Kokje, E., Cecil, J., Lermer, E., Hummelsberger, P., Cecil, J., Heinrich, A., & Gaube, S. (2024, September). The Relationship Between Performance, Trust, and the Intention to Use Generative AI in Academia, Congress of the German Psychological Society (DGPs), Vienna, Austria.

# Kleine, A.-K., Kokje, E., Cecil, J., Lermer, E., Hummelsberger, P., Cecil, J., Heinrich, A., & Gaube, S. (2024, September). Exploring the Landscape of AI-Based Clinical Decision Support Systems in Mental Healthcare: An Analysis of Patents and Commercial Products, Congress of the German Psychological Society (DGPs), Vienna, Austria.

# Kleine, A.-K., Dingel, J., Cecil, J., Sigl, A. L., Lermer, E., & Gaube, S. (2023, May). The Intention to Use AI-Enabled Healthcare Tools from the Perspective of Healthcare Practitioners: A Meta-Analysis Based on the UTAUT, European Association of Work and Organizational Psychology (EAWOP), Katowice, Poland.

# Kleine, A.-K. (*Chair*), Gaube, S., & (2022, January). Mental Healthcare with AI-Enabled Precision Psychiatry Tools: A Patent Review, *International Convention of Psychological Science (ICPS)*, Brussels, Belgium.

# Talks

# Kleine, A.-K., Cecil, J., Sigl, A. L., Lermer, E., Kokje, E., & Gaube, S. (2022, January). AI in Healthcare: Multiple Methods Approaches, The Women in AI Days by hessian.AI, Königstein, Germany.

# Kleine, A.-K., Schmitt, A., & Wisse, B. (2022, January). Challenge and Threat Appraisal of Entrepreneurial Action Errors, European Association of Work and Organizational Psychology (EAWOP), online.

# Kleine, A.-K., Schmitt, A., & Wisse, B. (2021, September). Challenge and Threat Appraisal in Entrepreneurial Contexts, *Congress for Work, Organizational, Economic Psychology and Human Factors*, online.

# Kleine, A.-K., Schmitt, A., Keller, A. & Wisse, B. (2019, November). Inclusive Careers Across the Lifespan, *Research group meeting*; Amsterdam, The Netherlands.

# Kleine, A.-K., Schmitt, A., & Wisse, B. (2019, November). Entrepreneurs’ Reactions to Action Errors, Work and Organizational Psychology Congress, Amsterdam, The Netherlands.

# Posters

# Kleine, A.-K., Rudolph, C., & Zacher, H. (2019, September). Thriving at work: A meta-analysis. Poster presented at the German Congress for Work and Organizational Psychology, Berlin, Germany.

# Kleine, A. K., Bodschwinna, D., Hallensleben, N., Lorenz, I., Hönig, K., Mehnert, A., & Ernst, J. (2018, September). Psychoonkologische Intervention für Partner von hämato-onkologischen Patienten–Befunde und Implikationen der Pilotstudie. Poster presented at the Congress of the German Society of Medical Psychology (DGMP) and the German Society of Medical Sociology (DGMS), Leipzig, Germany.

# Kleine, A.-K., Bodschwinna, D., Hallensleben, N., Lorenz, I., Hönig, K., Mehnert, A., Ernst, J. (2018, February). Psycho-oncological intervention for partners of hemato-oncologic patients: A pilot study. Poster presented at the German Cancer Congress, Berlin, Germany.

# Kleine, A.-K., Haag, A., Weissenberger, R., & Blank, S. (2018, February). Scapegoating and the restauration of personal control in the context of climate change. Poster presented at the Social Psychology Graduate Research Festival, Leipzig, Germany.

# Kleine, A.-K., Bodschwinna, D., Hallensleben, N., Lorenz, I., Hönig, K., Mehnert, A., Ernst, J. (2018, January). Psycho-oncological intervention for partners of hemato-oncologic patients: A pilot study. Poster presented at the 14th Annual Leipzig Research Festival for Life Sciences, Leipzig, Germany.

# Grants

01/2024 – 12/2024 **LMU Mentoring Program**

Fellowship for doctoral students and postdoctoral researchers at the LMU Munich | EUR 1,600

01/2024 – 09/2024 **Berkeley Initiative for Transparency in the Social Sciences (BITSS) Catalyst Grant**

8-month project fund for the development and facilitation of an Open Science Workshop series. Title: *Reproducible Data Analysis in the Social Sciences: Training of Trainers and Workshop Series*| USD 2,500

11/2023 **LMU Munich Fund for Equality in Research and Education**

Grant for female doctoral students and postdoctoral researchers at the LMU Munich | EUR 863

07/2023 – 10/2024 **Smart vhb Grant**

12-month project funded by the Virtual University of Bavaria (Virtuelle Hochschule Bayern), with Prof. Dr. Sarah Diefenbach. Title: *A Practical Guide to the Principles and Application of Open Science* | EUR 18,000

06/2023 **LMU Munich Fund for Equality in Research and Education**

Grant for female doctoral students and postdoctoral researchers at the LMU Munich | EUR 2,340

12/2022 **Postdoc Support Fund**

Grant for postdoctoral researchers at the LMU Munich | EUR 1,050

# Supervision of Junior Researchers

## PhD students

06/2022 – present Julia Cecil, LMU Munich

04/2024 – present Insa Schaffernak, TH Augsburg

## Master theses

04/2024 – present Dulijana Licinar, Private University Schloss Seeburg

01/2024 – present Regina Rockinger, University of Regensburg

01/2024 – 10/2024 Mohamed Shoeir, Technical University of Munich

01/2023 – 08/2023 Julius Dingel, LMU Munich

09/2020 – 07/2021 Said Richa, University of Groningen

09/2020 – 07/2021 Dominique Hakkens, University of Groningen

## Bachelor theses

Since 01/2020 16 students, University of Groningen

# Teaching Activities

## Workshops and seminars for academic staff

10/2024 10/2024 Sports motivation | LMU Munich

11/2023 Mastering reproducible data analysis: A beginner's guide to using R and Quarto | Kurt-Lewin-Institute (KLI) for graduate training

05/2023 Seminar Exzellent führen. Führend forschen | LMU Munich

10/2022 Sports motivation | LMU Munich

09/2022 Data analysis with R and RMarkdown | LMU Munich

## 02/2022 Data analysis with RMarkdown, LatTex, and Github | Kurt-Lewin-Institute (KLI) for graduate training

## Seminars Bachelor’s Level

2021 Statistics III | University of Groningen

2020 – 2021 Statistics II | University of Groningen

2020 – 2021 Research Practicum | University of Groningen

2019 – 2020 Academic Skills | University of Groningen

# Invited Talks

11/2024 Clinical decision-support tools for mental healthcare. Invited talk | Human Factors for Digital Health, University College London (UCL)

11/2023 Clinical decision-support tools for mental healthcare. Invited talk | Human Factors for Digital Health, University College London (UCL)

07/2023 A glimpse into the future – How AI-enabled precision psychiatry tools advance mental healthcare. Invited talk | Philosophy and Computer Science Summer School, University of Bayreuth

07/2023 AI-enabled medical devices: Progress, potential, challenges. Invited talk | AMBOSS Crosstalk at the Berlin headquarter

02/2023 Enablers of thriving at work. Invited talk | Learning Innovation Laboratory (LILA), Harvard University

# Outreach Activities

**Online articles**

05/2022 Some call it a lack of orientation. I call it an invitation to the playground

| mindwise

07/2020 Coronavirus measures? Alright – but respect my autonomy! | mindwise

**Podcasts**

07/2023 The future of AI in healthcare - Benefits, risks, doctors’ attitudes, and students’ blind-spots | AMBOSS podcast ‘Beyond the Textbook’

# Reviewing Activities

## Reviewer

2024 to present *Journal of Medical Internet Research*

2023 to present *Business Research Quarterly*

2022 to present *Review of Managerial Sciences, Current Psychology*

2020 to present *Journal of Organizational Behavior, Human Resource Management Review, Organizational Psychology Review, Scandinavian Journal of Psychology*

2019 to present *Journal of Vocational Behavior*

# Academic Services

2024 to present Berkeley Initiative for Transparency in the Social Sciences (BITSS) Catalyst

2023 to present Recommender for the Peer Community in Registered Reports (PCI-RR)

# Active Memberships in Scientific Societies

2024 to present Berkeley Initiative for Transparency in the Social Sciences Catalyst(BITSS)

2023 to present European Association of Work and Organizational Psychology (EAWOP)

2023 to present Peer Community in Registered Reports (PCI-RR)

2023 to present LMU Open Science Center (LMU-OSC)

2022 to present German Psychological Society (DGPs)

2019 to 2022 Working Community of researchers in Work & Organizational Psychology (WAOP)

# Industry Experience

12/2021 – 05/2022 Data Science Trainee | Le Wagon (part-time)

07/2017 – 09/2017 Psychotherapy intern | University Hospital Halle an der Saale, Clinic and Polyclinic for Psychiatry, Psychotherapy, and Psychosomatics, Special Unit for Depressive Disorders, Anxiety and Obsessive-Compulsive Disorders, Mother-Child Treatment (full-time)

02/2017 – 04/2017 Intern psychiatric-forensic reporting | Office for Forensic Psychiatry, Dr. med. Dipl-Psych. Philipp Gutmann, Halle an der Saale (full-time)

05/2016 – 06/2016 Psychotherapy intern | Practice for Psychosomatics and Medical Psychotherapy, Dr. med. Thomas Simmich, Dresden (full-time)

12/2013 – 03/2014 Psychotherapy intern | Comunidade dos Pequenos Profetas, Preparation and follow-up of psychoeducation groups on the topics of substance abuse and depression; Leading psychoeducation groups under supervision (full-time)