

Personal Information

Email	anne-kathrin.kleine@psy.lmu.de
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 2019 – 2022	University of Groningen Department of Psychology Division of Work and Organizational Psychology Thesis title: <i>Ready for Change – Adaptation and Development in Dynamic Vocational Contexts</i> Supervisors: Prof. Dr. Barbara Wisse, Dr. Antje Schmitt, Dr. Anita Keller Date of defense: November 21, 2022
MSc in Psychology 2016 – 2017	University of Leipzig Grade: 1.2
BSc in Psychology 2011 – 2016	Technical University of Dresden Grade: 1.7

Positions

Junior Group Leader 08/2023 – present	LMU Munich Human-AI-Interaction Group
Postdoctoral Researcher 06/2022 – present	LMU Munich Human-AI-Interaction Group (Dr. Susanne Gaube, Dr. Eva Lermer)
Doctoral Candidate 09/2019 – 06/2022	University of Groningen Department of Psychology (Prof. Dr. Barbara Wisse)
Predoctoral Researcher 05/2018 – 04/2019	University of Leipzig Department of Organizational Psychology (Prof. Dr. Hannes Zacher)
Predoctoral Researcher 05/2017 – 07/2018	Leipzig University Medical Center Department of Medical Psychology and Medical Sociology (Prof. Dr. Jochen Ernst)
Psychologist 12/2013 – 03/2014	Comunidade dos Pequenos Profetas Preparation and follow-up of psychoeducation groups on the topics of substance abuse and depression; Leading psychoeducation groups under supervision (Carlos da Silva)
Predoctoral Researcher 01/2013 – 11/2013	Technical University of Dresden Department of Social Psychology (Prof. Dr. Roland Deutsch)

Peer-Reviewed Publications

2024

- Kleine, A. K., Kokje, E., Hummelsberger, P., Schaffernak, I., & Lerner, 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., & Lerner, 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., Lerner, 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.**, & Lerner, 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., Lerner, 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., & Lerner, 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., Lerner, 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.
- Lerner, 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., Lerner, 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., Lerner, 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., Lerner, 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., Lerner, 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.**, Bodschinna, 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.**, Bodschinna, 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: <i>Reproducible Data Analysis in the Social Sciences: Training of Trainers and Workshop Series</i> 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: <i>A Practical Guide to the Principles and Application of Open Science</i> 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	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, LaTeX, and Github Kurt-Lewin-Institute (KLI) for graduate training

Seminars

2021	Bachelor's Level 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	<i>Journal of Medical Internet Research</i>
2023 to present	<i>Business Research Quarterly</i>
2022 to present	<i>Review of Managerial Sciences, Current Psychology</i>
2020 to present	<i>Journal of Organizational Behavior, Human Resource Management Review, Organizational Psychology Review, Scandinavian Journal of Psychology</i>
2019 to present	<i>Journal of Vocational Behavior</i>

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)