

Dr. Dipl.-Psych. Astrid Wirth

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Curriculum Vitae

Personal Data

Name	Dr. Dipl.-Psych. Astrid Wirth
Year of birth	1988
ORCID	https://orcid.org/0000-0003-1126-141X
ReserachGate	https://www.researchgate.net/profile/Astrid-Wirth
Google Scholar	https://scholar.google.com/citations?user=tw1DdDAAAAAJ&hl=de

Research Interests

- Home Learning Environment (Home Literacy/Numeracy Environment)
- Shared reading and reading promotion
- Digital media in early childhood
- Competency development in early childhood

Short Bio

Astrid Wirth studied psychology at the University in Mainz, finished her doctoral thesis in 2020 at Ludwig-Maximilians-Universität (LMU) in Munich. After scientific research positions at the Universities of Mainz, Freiburg i. Br., and the German Reading Foundation, she currently works for the EU funded longitudinal project "Learning4Kids - App-based Learning for Kindergarten Children at Home" at the Department of Psychology at LMU Munich, Germany. She is project manager of the Rotary4Kitas project on the professionalization of kindergarten educators and part of the expert panel advising the website lesenmit.app

Academic Qualification

04/2017 – 08/2020 **University of Würzburg / LMU Munich (Germany), PhD student of Psychology**
Date of defense: 4th of August, 2020, degree: Dr. phil., summa cum laude

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09/2007 – **University of Mainz (Germany), student of Psychology (Diplom)**
03/2013 Degree: Diplom (1.4)

Work Experience

- Since 04/2019 **LMU Munich (Germany), Education and Educational Psychology, work unit of Prof. Dr. Frank Niklas**
Research fellow
- 08/2016 – **German Reading Foundation (Stiftung Lesen), Institute on Reading and Media Research**
03/2019 *Research fellow*
- 08/2015 – **University Medical Center Mainz, Department of Psychosomatic Medicine and Psychotherapy (Germany), work unit of Prof. Dr. Manfred Beutel**
07/2016 *Research fellow*
- 10/2013 – **University Medical Center Freiburg i. Br. (Germany), Department of Quality Management and Social Medicine, work unit of Prof. Dr. Erik Farin-Glattacker**
03/2016 *Research fellow*
- 2013 **Lese papillons blancs, Beaune (France)**
Internship
- 2012 – 2013 **Federal Institute for Population Research**
Research Assistant
- 2012 **International summer school for students of the University of Shanghai, China**
Assistant teacher
- 2009 – 2012 **Several internships and research assistant positions (e.g. at University of Mainz; Lindenhof, Schallstadt; AVUS GmbH, Frankfurt a. M.; ZDF, Mainz)**
Working student and intern

Current research projects

- Since 07/2021 **Rotary4Kitas**, funded by Rotary International, District 1880, Germany
Status: Project manager
- Since 04/2019 **Learning4Kitas (L4K)**, funded by the European Union (ERC starting grant)
Status: Project staff

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Funding

06/2021 Personal funding by LMU Munich: Mittel für Gleichstellung in
Forschung und Lehre

Reviewer activities

Journals - Frontiers in Psychology
 - Frühe Bildung
 - Journal of Research in Reading
 - MedienPädagogik: Zeitschrift für Theorie und Praxis der
 Medienbildung
 - Preventive Medicine Reports
 - International Journal of Early Childhood
 - Heliyon
 - International Journal of Psychology

Memberships

Memberships - Deutsche Gesellschaft für Psychologie (DGPs)
 - DFG Netzwerk Leseforschung
 - Prüfungsgremium lesenmit.app

Current courses taught

Courses
(English- /
German-
speaking) - Project seminar Master of Learning Sciences, LMU Munich (2 SWS,
 summer term 2021, winter term 2021/2022
 - Seminar Bachelor Psychologie: Entwicklung, Lernen und Instruktion,
 LMU Munich (2 SWS; winter term 2020/2021; winter term
 2021/2022)
 - Interdisciplinary Projects for Informatics, Technical University (TU)
 Munich, regularly since summer term 2019

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Publications

Journal articles with peer-review

- Wirth, A.**, Stadler, M., Birtwistle, E. & Niklas, F. (*in press*). New directions in the conceptualization and operationalization of the Home Learning Environment. *Journal of Educational Psychology*. Advance online publication. <https://doi.org/10.1037/edu0000749>
- Birtwistle, E., Schoedel, R., Bemmann, F., **Wirth, A.**, Sürig, C., Stachl, C., Bühner, M. & Niklas, F. (*in press*). Mobile sensing in psychological and educational research: Examples from two application fields. *International Journal of Testing*.
- Mues, A., **Wirth, A.**, Birtwistle, E., & Niklas, F. (2022). Associations between children's numeracy competencies, mothers' and fathers' mathematical beliefs, and numeracy activities at home. *Frontiers in Psychology*. Advance online publication. <https://doi.org/10.3389/fpsyg.2022.835433>
- Mues, A., Birtwistle, E., **Wirth, A.**, & Niklas, F. (2021). Parental (STEM) occupations, the home numeracy environment, and kindergarten children's numerical competencies. *Education Sciences, 11(12)*. <https://doi.org/10.3390/educsci11120819>
- Wirth, A.**, Ehmig, S.C. & Niklas, F. (2021). The role of the Home Literacy Environment for children's linguistic and socio-emotional competencies development in the early years. *Social Development, 1-16*. <https://doi.org/1111/sode.12550>
- Niklas, F., Annac, E. & **Wirth, A.** (2020). App-based learning for kindergarten children at home (Learning4Kids): study protocol for cohort 1 and the kindergarten assessments. *BMC Pediatrics, 20*, doi: 10.1186/s12887-020-02432-y
- Niklas, F., **Wirth, A.**, Guffler, S., Drescher, N. & Ehmig, S. C. (2020). The home literacy environment as a mediator between parental attitudes towards shared reading and children's linguistic competencies. *Frontiers in Psychology, 11(1268)*. <https://doi.org/10.3389/fpsyg.2020.01628>
- Wirth, A.**, Ehmig, S.C., Heymann, L. & Niklas, F. (2020). Das Vorleseverhalten von Eltern mit Kindern in den ersten drei Lebensjahren in Zusammenhang mit familiärer Lernumwelt und Sprachentwicklung. *Frühe Bildung, 9*, 26-32. <https://doi.org/10.1026/2191-9186/a000464>
- Wirth, A.**, Ehmig, S.C., Drescher, N., Guffler, S. & Niklas, F. (2019). Facets of the early home literacy environment and children's linguistic and socioemotional competencies. *Early Education and Development*. Advance online publication. <https://doi.org/10.1080/10409289.2019.1706826>
- Zwerenz, R., Böhme, K., **Wirth, A.**, Labitzke, N., Pachtchenko, S. & Beutel, M. E. (2018). Integration of the work-related online aftercare intervention 'GSA-online plus' (healthy and without stress at the workplace) into clinical practice : study protocol for an implementation study. *BMC Health Services Research, 18*, 1-7.

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Farin, E., **Wirth, A.**, Quaschnig, K., Meyer, T., Nowik, D., Block, I., Vogel, H. & Volke, E. (2018). Die Aktualisierung der Reha-Therapiestandards der Deutschen Rentenversicherung. *Die Rehabilitation*, 57, 48-54. <https://doi.org/10.1055/s-0043-124309>

Books and book chapters

Wirth, A., Birtwistle, E., Mues, A. & Niklas, F. (2022). *Kinder spielerisch auf die Schule vorbereiten. Fähigkeitsentwicklung und Förderung im Vorschulalter*. Göttingen: Hogrefe.

Wirth, A., Lohr, A., Sailer, M. & Niklas, F. (2022). Digitales Niemandsland? Eine Bestandsaufnahme und Richtungsbestimmung zum Lernen mit digitalen Medien an deutschen Kindertagesstätten. In: Scheiter, K. & Gogolin, I.: *Bildung für eine digitale Zukunft*. Heidelberg: Springer Verlag, ZfE Edition.

Wirth, A., Ehmig, S.C., Heymann, L. & Niklas, F. (2020). Promising interactive functions in digital storybooks for young children. In: Rohlfing, K. & Müller-Brauers, C. (Eds.), *International Perspectives on Digital Media and Early Literacy*. London: Routledge. <https://doi.org/10.4324/9780429321399-9>

Conferences (presenting authorships)

Wirth, A., Stadler, M., Birtwistle, E. & Niklas, F. (2022). *Conceptualization and operationalization of Kindergarten children's Home Learning Environment*. Fachtagung Deutsche Gesellschaft für Psychologie (DGPS), 10. – 15. September, Hildesheim.

Wirth, A., Stadler, M., Birtwistle, E. & Niklas, F. (2022). *New directions in the conceptualization and operationalization of the Home Learning Environment*. AERA Annual Meeting, 21st – 26th April, San Diego, CA.

Wirth, A., Annac, E., & Niklas, F. (2021). *What we measure when measuring children's Home Literacy Environment: A comparison of methods*. 19th Biennial EARLI Conference, 23th – 27th August, Online Conference.

Wirth, A., Annac, E., Mues, A. & Frank Niklas (2021). *Lern-Apps für Vorschulkinder: Evaluationskriterien und Nutzungspräferenzen*. Fachtagung Entwicklungspsychologie und Pädagogische Psychologie PaEpsy, 14. – 16. September, Online-Konferenz.

Wirth, A., Ehmig, S., Drescher, N., Guffler, S. & Niklas, F. (2021). *Frühes Vorlesen im Zusammenhang mit Sprach- und sozioemotionaler Entwicklung in der frühen Kindheit*. Fachtagung Entwicklungspsychologie und Pädagogische Psychologie PaEpsy, 14. – 16. September, Online-Konferenz.

Wirth, A., Schneider, W. & Niklas, F. (2021). *Home learning environment and children's nonverbal intelligence development: A family intervention study*. AERA Virtual Annual Meeting, 08th – 12th April, Online Conference.

Wirth, A., Ehmig, S., Drescher, N., Guffler, S. & Niklas, F. (2020) *The Home Literacy Environment and Children's Development of Linguistic and Socio-Emotional*

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- Competencies*. AERA Annual Meeting, 17th – 21th April, San Francisco, CA (Online Paper Repository, Conference Canceled)
- Wirth, A., Ehmig, S.C., Drescher, N., Guffler, S. & Niklas, F. (2019). *Die Rolle der Home Literacy Environment und frühen Sprachfertigkeiten für die Entwicklung sozioemotionaler Kompetenzen von Kindern*. Fachtagung Entwicklungspsychologie und Pädagogische Psychologie PaEpsy, 9. – 12. September, Universität Leipzig.
- Wirth, A., Niklas, F., Drescher, N., Guffler, S. & Ehmig, S.C. (2019). *Association of the early Home Literacy Environment (HLE) with children's outcomes*. 18th Biennial EARLI Conference, 12th – 16th August in Aachen, Germany.
- Wirth, A., Ehmig, S.C., Heymann, L. & Niklas, F. (2019). *Reading to children aged 0-3 years and the association with home literacy environment and early language development*. 18th Nordic Literacy Conference & 21st European Conference on Literacy, 04th – 07th August in Copenhagen, Denmark.
- Wirth, A., Ehmig, S.C., Kolpatzik, K. & Zaunbrecher, R. (2019). *Health Literacy im Kontext von Alphabetisierung und Grundbildung*. 2. Internationales Symposium « Gesundheitskompetenz : Forschung – Praxis – Politik », 2. – 3. Mai 2019, Universität Bielefeld.
- Wirth, A. (2019). *Digitale Medien in der Leseförderung*. Treffpunkt logopädie : Neue Medien in Sprachtherapie und Unterricht, 6. April 2019, FHNW Muttenz, Schweiz.
- Wirth, A. (2017). *Reading and storytelling – potential of digital media for parents*. Workshop on early literacy and (digital) media, 21st – 22nd September, Paderborn University.
- Wirth, A., Böhme, K., Beutel, M. E., Becker, J., Gerzymisch, K., Hennemann, S. & Zwerenz, R. (2016). *Umsetzung der internetbasierten Nachsorge GSA-online plus (Gesund und stressfrei am Arbeitsplatz)*. Deutscher Kongress für Psychosomatik und Psychotherapie «Beziehung und Gesundheit», 16. – 19. März 2016, Potsdam.
- Wirth, A., Quaschnig, K. & Farin-Glattacker, E. (2016). *Zur wissenschaftlichen Evidenzbasierung der Reha-Therapiestandards Brustkrebs – Eine Übersicht der aktuellen Literatur*. 25. Rehabilitationswissenschaftliches Kolloquium, 29. Februar – 02. März, Aachen, DRV-Schriften: Band 109, S. 398 - 399.
- Wirth, A., Quaschnig, K., Meyer, T., Nowik, D., Vogel, H., Block, I. & Farin-Glattacker, E. (2015). *Qualitätssicherung in der medizinischen Rehabilitation durch eine Analyse des Versorgungsgeschehens*. 14. Deutscher Kongress für Versorgungsforschung «Systeminnovationen für eine bessere Gesundheit?», 07. – 09. Oktober 2015, Berlin.
- Wirth, A. & Otto, A. (2012). *Time Perspective and Test Anxiety in Early Adolescence*. First International Conference on Time Perspective «Converging Paths in Psychology Time Theory and Research», 05th – 08th September, Coimbra, Portugal, Book of Abstracts, p. 104.