

Dr. Olga Chernikova

Leopoldstraße 13, 80802 München, Deutschland
o.chernikova@psy.lmu.de
+49(0)89 2180-72589

Curriculum Vitae

Personal Data

Name **Dr. Olga Chernikova**
Year of birth **1987**
ORCID <https://orcid.org/0000-0002-0112-3665>
ReserachGate <https://www.researchgate.net/profile/Olga-Chernikova>

Research Interests

- Teaching and teacher education
- Simulations and simulation-based learning
- Learning analytics in educational research

[Short Bio]

Olga Chernikova currently holds a position of a research fellow at the chair of Educational Psychology and Educational Sciences at University of Munich and is affiliated with Munich Center of the Learning Sciences and COSIMA research unit. She received her BSc in Industrial and Organizational Psychology (Polytechnical University, Kharkiv, Ukraine); MSc in Organizational Psychology (Middle East Technical University, Ankara, Turkey) and PhD in Learning Sciences (University of Munich, Germany). Her research interests deal largely with use of simulations and digital media as well as instructional support in teacher education.

Academic Qualification

10/2014 – 07/2018 **LMU Munich (Germany), PhD student of the Doctoral Training Program in the Learning Sciences**
Subjects: Learning Sciences
Degree: PhD

10/2012 – 08/2014 **LMU Munich (Germany), MSc in the Learning Sciences**
Subjects: Learning Sciences
Degree: MSc

09/2008 – 07/2010 **METU Ankara (Turkey), MSc in Organizational Psychology**
Subjects: Psychology, Organizational Psychology
Degree: MSc

09/2004 – 07/2009 **KhPI Charkiw (Ukraine), BSc & MSc in Psychology**
Subjects: psychology (minor), and management (minor)
Degree: MSc

Work Experience

- Since 07/2018 **LMU Munich (Germany), Education and Educational Psychology, work unit of Prof. Dr. Frank Fischer**
Research associate
- 10/2014 –
07/2018 **LMU Munich (Germany), Education and Educational Psychology, work unit of Prof. Dr. Frank Fischer**
Research associate and PhD student
- 2012 –
2018 **GIK e. V. Cultural Center “GOROD”, Munich (Germany)**
Working student
- 2008 –
2011 **Language school “WAY”, Charkiw (Ukraine),**
English Teacher

Reviewer activities

- Journals - Studies in Educational Evaluation
- Conferences - JURE/EARLI 2018, 2019, 2020
 - ICLS 2020

Memberships

- Memberships - Munich Center of the Learning Sciences (MCLS)
 - European Association for Research on Learning and Instruction (EARLI)
 - American Educational Research Association (AERA)

List of courses taught

- Courses* - Forschungsmethoden für Lehramtsstudierende (SoSe 2020)
 - Special Issues in Learning, Instruction, Training and Instruction. Project Seminar in Meta-Analysis/Learning analytics (SoSe 2020 – SoSe 2021, Master Learning Sciences, 2 SWS)

Dr. Olga Chernikova

Leopoldstraße 13, 80802 München, Deutschland
o.chernikova@psy.lmu.de
+49(0)89 2180-72589

Publications

Journal articles with peer-review (4)

- (1) Lohr, A., Stadler, M., Schultz-Pernice, F., **Chernikova, O.**, Sailer, M., Fischer, F., & Sailer, M. (2021). On powerpointers, clickerers, and digital pros: Investigating the initiation of digital learning activities by teachers in higher education. *Computers in Human Behavior*. Advance online publication.
<https://doi.org/10.1016/j.chb.2021.106715>
- (2) **Chernikova, O.**, Heitzmann, N., Stadler, M., Holzberger, D., Seidel, T., & Fischer, F. (2020). Simulation-based learning in higher education: A meta-analysis. *Review of Educational Research*, 90(4), 499-541. <https://doi.org/10.3102/0034654320933544>
- (3) **Chernikova, O.**, Heitzmann, N., Fink, M., Timothy, V., Seidel, T., & Fischer, F. (2020). Facilitating diagnostic competences in higher education - A meta-analysis in medical and teacher education. *Educational Psychology Review*, 32, 157-196.
<https://doi.org/10.1007/s10648-019-09492-2>
- (4) Sommerhoff, D., Szameitat, A., Vogel, F., **Chernikova, O.**, Loderer, K., & Fischer, F. (2018). What do we teach when we teach the learning sciences? A document analysis of 75 graduate programs. *Journal of the Learning Sciences*, 27(2), 319-351. <https://doi.org/10.1080/10508406.2018.1440353>

Books & Book chapters (2)

- (1) **Chernikova, O.**, Heitzmann, N., Opitz, A., Seidel, T., Fischer, F. (accepted). A Theoretical Framework for Fostering Diagnostic Competences with Simulations in Higher Education. In Fischer, F. & Opitz, A. (Eds). *Learning to Diagnose with Simulations - Examples from Teacher Education and Medical Education*. Springer Briefs in Education. New York: Springer.
- (2) Sailer, M., Schultz-Pernice, F., **Chernikova, O.**, Sailer, M., & Fischer, F. (Hrsg.)(2018). *Digitale Bildung an bayerischen Hochschulen – Ausstattung, Strategie, Qualifizierung und Medieneinsatz*. München: vbw.

Conferences (7)

- (1) **Chernikova, O.**, Melev, I., Fischer, F. (2021, August). *Using machine learning to support study selection for a meta-analysis on simulation-based learning*. Paper presented at the virtual EARLI conference, Belgium.
- (2) **Chernikova, O.**, Stadler, M., Heitzmann, N., Melev, I., Holzberger, D., Seidel, T., Fischer F. (2021, June). *Simulation-Based Learning in Higher Education: A Meta-Analysis on Adapting Instructional Support*. Paper presented at the online ISLS conference, Bochum, Germany.
- (3) **Chernikova, O.**, Fischer, F. (2021, April). *Effective Instructional Support in Simulation-Based Learning Environments: A Meta-Analysis*. Paper presented at the virtual AERA conference.
- (4) **Chernikova, O.**, Heitzmann, Seidel, T., Fischer F. (2019, September). *Simulation-based Learning in Higher Education: A Meta-analysis on Different Types of Scaffolding and Technology Support*. Paper presented at paEpsy conference, Leipzig, Germany.

Dr. Olga Chernikova

- (5) **Chernikova, O.**, Heitzmann, N., Fink, M., Timothy, V., Seidel, T., Fischer, F. (2019, April). *Facilitating Diagnostic Competences: A Meta-analysis on Different Types of Scaffolding*. Poster presented at AERA conference, Toronto, Canada
- (6) **Chernikova, O.**, Stegmann, K., Strijbos, J-W. (2017, March). *Observational Learning in Teacher Education: a Meta-Analysis*. Paper presented at the 5th GEBF meeting, Heidelberg, Germany.
- (7) **Chernikova, O.**, Stegmann, K. (2016, August) *From Observing to Teaching: A Meta-Analysis on Effects of Observational Learning in Teacher Education*. Paper presented at the JURE conference, Helsinki, Finland.

Invited talks (1)

- (1) **Chernikova, O.** (2020, November). *Meta-Analysis as a research method*. Invited talk at Seminar series „Dialogues with existing data: Ways of conducting systematic research in times of COVID“, University of Cambridge, UK.