

# Anton K. G. Marx

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## CONTACT INFORMATION

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## EDUCATION

### Since 2016 (ongoing): Ph.D., Psychology, LMU Munich

Dissertation: *Advances in Research on Emotional Contagion* (working title)

Supervisor: Prof. Dr. Anne C. Frenzel // Co-Supervisor: Prof. Dr. Corinna Reck

Member of the Munich Center of the Learning Sciences (MCLS) Doctoral Training Program

### 2009-2015: State Exam (equivalent to M.Sc.), LMU Munich

Subjects: School Psychology and Primary School Teaching/Educational Sciences

Thesis: *The Relationship Between Achievement Motives and Frontal Alpha Asymmetry: An Exploratory EEG-Study* (Supervisor: PD Dr. Jörg Meinhardt)

Grade/GPA: A/1.3 (with distinction)

## PROFESSIONAL EXPERIENCE

### Since 2016 (ongoing): Ph.D. Student and Research Associate

LMU Munich, Department of Psychology, Psychology in the Learning Sciences // Web: [www.psy.lmu.de/pls](http://www.psy.lmu.de/pls)

Project leader in the DFG funded research project "Emotional Contagion in the Classroom"

Principal Investigators: Prof. Dr. Frenzel, Prof. Dr. Reck, and Prof. Dr. Pekrun

### 2013-2016: Student Assistant

LMU Munich, Department of Psychology, Developmental psychology // Web: [www.psy.lmu.de/epp](http://www.psy.lmu.de/epp)

EEG- and Eye-Tracking-Lab (Principal Investigator: PD Dr. Jörg Meinhardt)

Lab-Management and Project Coordination

## PUBLICATIONS

### Journal Articles (Peer-Reviewed)

Müller, B. C. N., **Marx, A. K. G.**, Paulus, M., & Meinhardt, J. (2018). Frontal EEG Alpha Asymmetry Relates to Implicit Achievement Motives: A Pilot Study. *Mind, Brain and Education*, 12, 2, 82-89. doi: 10.1111/mbe.12175

## Conference Contributions

**Marx, A. K. G.**, Frenzel, A. C., Pekrun, R., Kosovac, K., Müller, M., & Reck, C. (2020, accepted). Examining enjoyment in the classroom using facial expression analysis. Poster submitted to the American Educational Research Association (AERA) annual conference, San Francisco, USA.

**Marx, A. K. G.**, Frenzel, A. C., Reck, C., Kosovac, K., Müller, M., & Pekrun, R. (2019, September). Teachers' susceptibility to emotional contagion relates to their discrete emotions and emotional exhaustion. Paper presented at the Joint Conference of the DGPS-Sections Developmental Psychology and Educational Psychology (paEpsy), Leipzig, Germany.

**Marx, A. K. G.**, Frenzel, A. C., Pekrun, R., Kosovac, K., Müller, M., & Reck, C. (2019, September). Examining teachers' and students' enjoyment in class using automated facial emotion recognition. Paper submitted to the Joint Conference of the DGPS-Sections Developmental Psychology and Educational Psychology (paEpsy), Leipzig, Germany.

Kosovac, K., **Marx, A. K. G.**, Frenzel, A. C., Pekrun, R., Müller, M., & Reck, C. (2019, September). Self-reported attachment insecurity – Using the Vulnerable Attachment Style Questionnaire in adolescents. Paper presented at the Joint Conference of the DGPS-Sections Developmental Psychology and Educational Psychology (paEpsy), Leipzig, Germany.

**Marx, A. K. G.**, Frenzel, A. C., Pekrun, R., Reck, C., & Müller, M. (2019, August). Teachers' and learners' emotional experiences in class: Using automated facial action coding. Paper presented at the European Association for Research on Learning and Instruction (EARLI) annual conference, Aachen, Germany.

Kosovac, K., **Marx, A. K. G.**, Frenzel, A. C., Pekrun, R., Müller, M., & Reck, C. (2019, July). Attachment insecurity and emotional difficulties in adolescents. Paper presented at the International Congress of the European Society for Child and Adolescent Psychiatry (ESCAP), Vienna, Austria.

Poteat, J., **Marx, A. K. G.**, & Frenzel, A. C. (2019, June). Relationships among teachers' and students' reported and observed enjoyment in university classrooms. Paper presented at the 2nd International Conference on Children's Health, Well-being, Rights, and Education, Pristina, Kosovo.

**Marx, A. K. G.**, Frenzel, A. C., Reck, C., Klauser, N., Müller, M., & Pekrun, R. (2019, April). Susceptibility to emotional contagion relates to teachers' emotions and burnout. Poster presented at the American Educational Research Association (AERA) annual conference, Toronto, Canada.

Frenzel, A. C.\*, **Marx, A. K. G.\***, Pekrun, R., Reck, C., & Müller, M. (2019, April). Teachers' and Learners' Emotional Experiences in Class: A Field-based Video Study. Paper presented at the American Educational Research Association (AERA) annual conference, Toronto, Canada.

Klauser, N., Reck, C., **Marx, A. K. G.**, Müller, M., Frenzel, A. C., & Pekrun, R. (2018, September). Bedeutung der Bindungsunsicherheit für Unterrichtsempfinden und Burnout bei Lehrkräften. Poster auf dem 51. Kongress der Deutschen Gesellschaft für Psychologie (DGPS), Frankfurt, Germany.

**Marx, A. K. G.**, Frenzel, A. C., Klauser, N., Müller, M., Reck, C., & Pekrun, R. (2018, September). Teachers' facial expressions of affect relate to their emotional experiences - Combining automated facial action coding with self-report. Poster auf dem 51. Kongress der Deutschen Gesellschaft für Psychologie (DGPS), Frankfurt, Germany.

*\*these authors contributed equally to this work*

## WORKSHOPS & TALKS

Schönbrodt, F., & **Marx, A. K. G.** (2019, February). *Maintaining privacy with open data*. Workshop at the Open-Science-Committee (OSC), Department of Psychology, LMU Munich.

**Marx, A. K. G.**, & Müller, M. (2018, October). *Data privacy and Data security: Introduction to the EU-GDPR*. Talk at the Psychotherapeutic Outpatient Clinic for Children and Adolescents, Department of Psychology, LMU Munich.

**Marx, A. K. G.** (2018, July). *Data privacy and Psychological Research*. Workshop at the Department of Psychology, Psychology in the Learning Sciences, LMU Munich.

## TEACHING EXPERIENCE

### Study program “M.Sc. Psychology” (LMU Munich)

Emotional experiences of teachers and students in class, facial expression analysis and automated emotion recognition, research methodology and study design (quantitative research)

### Study program “School psychology” (LMU Munich)

Counseling techniques, motivational interviewing, psychopathology and mental disorders in children and adolescents, crisis intervention techniques, cognitive behavioral therapy (basics)

## PROFESSIONAL MEMBERSHIPS

- \* Deutsche Gesellschaft für Psychologie (DGPS, German Psychological Society)
- \* American Educational Research Association (AERA), Division C: Learning and Instruction
- \* European Association for Research on Learning and Instruction (EARLI), SIG Motivation & Emotion

## ADDITIONAL SKILLS

### Languages

German (native), English (fluent), Spanish (basics)

### Software/Programming

R/RStudio, SPSS, Microsoft Office/Google Docs, LaTeX, Markdown, HTML/CSS (basics), iMotions FACET and AFFECTIVA, Noldus Observer XT and Facereader

## TRAININGS & CERTIFICATIONS

07/2019: Advanced Power Analysis, Open-Science-Committee (OSC), LMU Munich, Germany

06/2019: Research Data Management, GESIS-Institute, Cologne, Germany

02/2019: Good Scientific Practices, Open-Science-Committee (OSC), LMU Munich, Germany

11/2018: Data Analysis and Data Management in R, MCLS, LMU Munich, Germany

07/2018: EU-GDPR: Data Privacy and Psychological Research, University of Frankfurt, Germany

01/2018: Academic Writing, Graduate Center, LMU Munich, Germany

02/2017: Facial Expression Analysis using the Facial-Action-Coding-System (FACS), University of Saarbrücken, Germany

## REFERENCES

- \* Prof. Dr. Anne C. Frenzel, LMU Munich, Department of Psychology, [frenzel@psy.lmu.de](mailto:frenzel@psy.lmu.de)
- \* Prof. Dr. Corinna Reck, LMU Munich, Department of Psychology, [corinna.reck@psy.lmu.de](mailto:corinna.reck@psy.lmu.de)