EVA WIESE, Ph.D.

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ACADEMIC APPOINTMENTS

2019 - present	**Associate Professor**
	George Mason University, Department of Psychology
2013 - 2019	**Assistant Professor**
	George Mason University, Department of Psychology
2008 - 2009	**Research Fellow**
	Fraunhofer Institute Berlin

EDUCATION

2009 - 2013	**Ph.D. in Neuroscience**
	Graduate School of Systemic Neurosciences
	Ludwig Maximilian University Munich
	Advisors: Hermann Mueller, Agnieszka Wykowska
2002 - 2008	**Master of Science**
	Psychology and Applied Computer Sciences
	Otto Friedrich University Bamberg
	Advisors: Ute Schmid, Sabine Weinert

HONORS AND AWARDS

2014	**Faculty Research Development Award**, $5,000
	George Mason University
2008	**PuSh Award for best Master Thesis**, $1,000
	Otto Friedrich University Bamberg
2008	**Student Travel Award**, $1,000
	Cognitive Science Society

GRANT FUNDING

FUNDED

Air Force Office of Scientific Research (2018-2019)
Neurophysiological correlates of long-term human-robot interactions
Role: PI
Award Amount: $200,255

GMU Center for Advanced Studies Competition (2017-2022)
Center of Adaptive Systems for Brain-Body Interactions (CASBBI)
Role: Co-PI
Award Amount: $625,000

Toyota Academic Research Funding (2017-2019)
Mental model calibration in human-automation interaction
Role: Co-PI
Award Amount: $636,000

UNDER REVIEW

Air Force Office of Scientific Research: Trust & Influence
Effects of individuation on trust calibration in human-robot teaming
Role: PI
Award Amount: $636,000

NOT FUNDED

National Science Foundation: NRI INT 2.0
Effects of Individuation on trust and performance in human-robot teaming
Role: PI
Award Amount: $800,342

National Science Foundation: FW-HTF
Augmenting Behaviors of Robots to Provide Social-Emotional Support for Older Adults
Role: Co-PI
Award Amount: $850,000

Google Faculty Research Grant 2016
Embodied Products – Facilitating Flexible Interactions with the Environment
Role: PI
Award Amount: $80,000

Google Faculty Research Grant 2017
Designing Artificial Agents as Social Companions
Role: PI
Award Amount: $65,000

National Science Foundation: BIC PFI
Smart Interfaces for Medical Devices for In-Home Healthcare
Role: Co-PI
Award Amount: $902,112

National Science Foundation: NRI: INT 2.0
Enabling Mind Perception in Embodied Social Robots
Role: Co-PI
Award Amount: $999,246

PUBLICATIONS

* shared first author; ** equivalent to first author; underlined: student author; bold number: at GMU
Contributions: Designed Research (D), Performed Research (P), Analyzed Data (A), Wrote Paper (W)

JOURNAL ARTICLES

Published

1. Weis, P., & **Wiese, E.**** (2020, in print). Strong memory traces decrease reliance on external information. *Journal of Experimental Psychology: Applied*.
2. Abubshait A., Momen, A., & **Wiese, E.**** (2020, in print). Pre-exposure to ambiguous faces modulates top-down control of attentional orienting to counterpredictive gaze cues. *Frontiers in Neuroscience.* Contributions: D, A, W
3. Abubshait, A., Beatty, P. J., McDonald, C., Hassall, C.D., Krigolson, O. & **Wiese, E.**** (2020, in print). A win-win situation: Does familiarity with a social robot modulate feedback monitoring and learning? *Cognitive, Affective and Behavioral Neurosciences*. Contributions: D, A, W
4. Abubshait A., Weis, P., & **Wiese, E.**** (2020, in print). Does context matter? Effects of robot appearance and reliability on social attention differs based on lifelikeness. *Human Factors.* Contributions: D, A, W
5. **Wiese, E.,** & Weis, P. (2020). It matters to me if you are human – Examining categorical perception in human and nonhuman agents. *International Journal of Human-Computer Studies, 133,* 1-12. Contributions: D, A, W
6. Hertz, N., Shaw, T., de Visser, E. & **Wiese, E.****(2019). Mixing it up: how mixed groups of humans and machines modulate conformity. *Journal of Cognitive Engineering and Decision Making*, 13(4), 242-257. Contributions: D, P, A, W
7. Walliser, J.C., de Visser, E., **Wiese, E.**, & Shaw, T. (2019). Team structure and team building improve human-machine teaming with autonomous agents. *Journal of Cognitive Engineering and Decision Making*, 13(4), 258-278.

8. Weis, P. & **Wiese, E.**** (2019). Problem solvers adjust cognitive offloading based on performance goals. *Cognitive Science*, 43(12), e12802.
9. Hertz, N., & **Wiese, E.**** (2019). Good advice is beyond all price, but what if it comes from a machine? *Journal of Experimental Psychology: Applied*, 25(3), 386-395. Contributions: D, P, A, W
10. **Wiese, E.**, Abubshait, A., Azarian, B., & Blumberg, E.J. (2019). Stimulation of mentalizing areas improves performance in social interactions. *Philosophical Transactions of the Royal Society: B, 374(1771).* Contributions: D, P, A, W
11. Weis, P.P., & **Wiese, E.**** (2018). Using Tools to Help Us Think: Actual and Believed Reliability Modulate Cognitive Offloading. *Human Factors, 61(2), 243-254.* Contributions: D, P, A, W
12. Hertz, N., & **Wiese, E.**** (2018). Under pressure: Examining social conformity with computer and robot groups. *Human Factors*, 60(8), 1207-1218. Contributions: D, P, A, W
13. **Wiese, E.**, Mandell A., Shaw, T.H., & Smith, M.A. (2018). Implicit mind perception alters vigilance performance due to cognitive conflict processing. *Journal of Experimental Psychology: Applied, 25(1), 25-40.* Contributions: D, A, W
14. **Wiese, E.**, Buzzell, G., Beatty, P., & Abubshait, A. (2018). Seeing minds in others: Degree of mind perception determines engagement in social interactions. *Cognitive, Affective and Behavioral Neuroscience, 18(5),* 837-856*.* Contributions: D, P, A, W
15. **Wiese, E.**, Metta, G., & Wykowska, A. (2017). Robots as Intentional Agents: Using neuroscientific methods to make robots appear more social. *Frontiers in Psychology: Cognitive Science*, *8:1663*. doi: 10.3389/fpsyg.2017.01663. Contributions: D, W (Review)
16. Abubshait, A., & **Wiese, E.**** (2017). You look human, but act like a machine: Agent appearance and behavior modulate different aspects of human-robot interaction. *Frontiers in Psychology: Cognitive Science*, *8:1393*. doi: 10.3389/fpsyg.2017.01393. Contributions: D, P, A, W
17. Özdem, C.*, **Wiese, E.***, Wykowska, A., Müller, H.J., Brass, M., & van Overwalle, F. (2016). Believing androids: fMRI activation in the right temporo-parietal junction is modulated by ascribing intentions to non-human agents. *Social Neuroscience*, *12 (5)*, 582-593. Contributions: D, P, A, W
18. Martini, M.C., Gonzalez, C.A., & **Wiese, E.**** (2015). Seeing minds in others – Can agents with robotic appearance have human-like preferences? *PLoS ONE 11 (1), e0146310.* Contributions: D, P, A, W
19. Perez-Osorio, J., Müller, H.J., **Wiese, E.,** & Wykowska, A. (2015). Gaze following in the context of complex action goals. *PLoS ONE 10(11): e0143614.* Contributions: D, A, W

20. **Wiese, E.**, Wykowska, A., & Müller, H.J. (2014). What we observe is biased by what other people tell us: Beliefs about the reliability of gaze behavior modulate attentional orienting to gaze cues. *PLoS ONE 9(4): e94529.* Contributions: D, P, A, W
21. Wykowska, A.*, **Wiese, E.***, Prosser, A., & Müller, H.J. (2014). Beliefs about the minds of others influence how we process sensory information. *PLoS ONE 9(4): e94339.* Contributions: D, P, A, W
22. **Wiese, E.**, Zwickel, J., & Müller, H.J. (2013). The importance of social context information on the spatial specificity of gaze cuing. *Attention, Perception & Psychophysics*. 75(5), 967-982. Contributions: D, P, A, W
23. **Wiese, E.**, Wykowska, A., Zwickel, J., & Müller, H.J. (2012). I see what you mean: How attentional selection is shaped by ascribing intentions to others. *PLoS ONE 7(9):* e45391. Contributions: D, A, P, W
24. **Wiese, E.**, Zwickel, J., & Müller, H.J. (2009). Im Auge des Anderen – Wie uns die Anwesenheit anderer beeinflusst. In: *In-Mind-Magazine*, *2*, p.1-8. Contributions: D, P, A, W
25. Israel, J.H., **Wiese E.**, Mateescu, M., & Stark, R. (2009). Investigating three-dimensional sketching for early conceptual design – Results from expert discussions and user studies. *Computer & Graphics*, *33 (4)*, p. 462-473. Contributions: D, P, A, W
26. Bachinger, S., Israel, J.H. & **Wiese, E.**** (2009). Establishing a semantic differential on product prototype aesthetics: a research approach. In: *MMI Interaktiv*, 1-8. Contributions: D, P, A, W

Under Review

1. **Wiese, E.**, Weis, P., Bigman, Y. Kapsaskis, K., & Gray, K. (revise and resubmit). It's a match: Task assignment in human-robot collaboration depends on mind perception. *International Journal of Social Robotics*.

In Preparation

1. Abubshait, A., Beatty, P. J., McDonald, C., & **Wiese, E.**** (in prep.). Examining the effect of social bonding in long-term human-robot interaction on reward processing. Target Journal: *Science Robotics*
2. Abubshait, A., Beatty, P. J., Hayward, J., McDonald, C., & **Wiese, E.**** (in prep.). The effect of stress on neural correlates of feedback monitoring. Target Journal: *Psychophysiology*
3. Abubshait, A., Therkelsen, S., Beatty, P. J., McDonald, C., Wykowska, A., & **Wiese, E.**** (in prep.). Does social bonding with a robot affect neural correlates of feedback monitoring? Target Journal: *Scientific Reports*
4. Momen, A., Hugenberg, K., & **Wiese, E.**** (under review). Human facial features drive face perception with robot agents. Target Journal: *Psychological Science*.

PROCEEDINGS ARTICLES

Peer-reviewed, full paper publications (5-10 pages articles). Acceptance rate: 25% (ACM and IEEE proceedings) to 50% (HFES and Social Robotics proceedings)

1. Pillot, B., Knachman, K., Lee, Y.C., & **Wiese, E.** (2020, in print). Driving with Robots: Mind perception and propensity for aggressive driving. *Proceedings of HFES*
2. Abubshait, A. & **Wiese, E.**** (2019). Effect of brain stimulation on mechanisms of social cognition is modulated by individual preferences for human versus robot agents. *Proceedings of HFES*, 63(1), 858-862.
3. Kohn, S.C., Momen, A., **Wiese, E.**, Lee, Y.C., Shaw, T. (2019). The consequences of purposefulness and human-likeness on trust repair attempts made by self-driving vehicles. *Proceedings of HFES*, 63(1), 222-226.
4. Currie, L.Q., & **Wiese, E.****(2019). Mind perception in a competitive human-robot interaction game. *Proceedings of HFES*, 63(1), 1957-1961.
5. Sikorski, E., Mulvey, S. & **Wiese, E.**** (2019). Effects of anthropomorphic design on the effectiveness of motivational messages. *Proceedings of HFES*, 63(1), 1888-1892.
6. Butler, R., Pruitt, Z., & **Wiese, E.**** (2019). The effect of social context on mind perception in robots. *Proceedings of HFES*, 63(1), 230-234.
7. Abubshait, A., Beatty, P. J., McDonald, C., & **Wiese, E.**** (2019). Does familiarity with a social robot influence outcome valuation as indexed by a neural measure of reward in human-robot interaction? *Technology, Mind & Society*, Washington DC, USA.
8. Weis, P.P., & **Wiese, E.**** (2019). Do performance goals matter when deciding whether to solve a problem internally or externally? *Technology, Mind & Society*, Washing- ton DC, USA.
9. **Wiese, E.**, & Weis, P.P. (2019). Your human-likeness matters to me – Categorical perception as potential cause for the Uncanny Valley? *Technology, Mind & Society*, Wash- ington DC, USA.
10. **Wiese, E**., Abubshait, A., & Weis, P.P. (2019). Assessing the categorization- individuation spectrum with human and robot images. *Technology, Mind & Society*, Wash- ington DC, USA.
11. Momen, A., & **Wiese, E.**** (2019). Investigating the Cross-Category Effect of Face Perception in Human Robot Interaction. *Technology, Mind & Society*, Washington DC, USA.
12. Momen, A. & **Wiese, E.**** (2018). Mind perception modulates social attention in real-time human-robot interaction. *Proceedings of Technology, Mind and Society.*
13. Abubshait, A., Weis, P. & **Wiese, E.**** (2018). Effects of embodiment on social attention mechanisms in human-robot interaction. *Proceedings of Technology, Mind and Society.*

14. Momen, A., & **Wiese, E.**** (2018). Perceived personality affects social attention in real-time human-robot interaction. *Proceedings of Technology, Mind and Society.*
15. Tulk, S. & **Wiese, E..**** (2018). Reasoning about information provided by bots. *Proceedings of Technology, Mind and Society.*
16. Momen, A., & **Wiese, E.**** (2018). Noticing Extraversion Effects Attention: How Robot and Participant Personality Affect Social Attention*.* In *Proceedings of Human Factors and Ergonomics Society,* Pittsburgh, PA, USA. Contributions: D, A, W
17. Weis, P.P., & **Wiese, E.**** (2018). I Like it Slow: Speed Considerations Hardly Matter when Outsourcing Thought. In *Proceedings of Human Factors and Ergonomics Society,* Pittsburgh, PA, USA. Contributions: D, A, W
18. Tulk, S., & **Wiese, E.**** (2018). Trust and Approachability Mediate Social Decision Making in Human-Robot Interaction. In *Proceedings of Human Factors and Ergonomics Society,* Pittsburgh, PA, USA. Contributions: D, A, W
19. **Wiese, E.**, Weis, P., & Lofaro, D. (2018). Embodied social robots trigger gaze following in real-time HRI. In *Proceedings of IEEE Ubiquitous Robots,* Honolulu, HI, USA. Contributions: D, P, A, W
20. Tulk, S. & **Wiese, E.**** (2018). Better know whom you are starving with: Examining mind perception in interactive video games. In *Proceedings of ACM APA Technology, Mind & Society,* Washington DC, USA. doi: 10.1145/3183654.3183710. Contributions: D, A, W
21. Momen, A., & **Wiese, E.**** (2018). Differences in Working-Memory Capacity modulate Top-down Control of Social Attention. In *Proceedings of ACM APA Technology, Mind & Society,* Washington DC, USA. doi: 10.1145/3183654.3183686. Contributions: D, A, W
22. **Wiese, E.**, Shaw. T., Lofaro, D. & Baldwin, C. (2017). Designing Artificial Agents as Social Companions. In *Proceedings of Human Factors and Ergonomics Society* (pp. 1604 -1608), Austin, TX, USA. Contributions: D, A, W
23. Abubshait, A., Momen, A., & **Wiese, E.**** (2017). Seeing human: Do individual differences modulate the Uncanny Valley? In *Proceedings of Human Factors and Ergonomics Society* (pp. 870-874), Austin, TX, USA. Contributions: D, A, W
24. Weis, P., & **Wiese, E.**** (2017). Cognitive Conflict as Possible Origin of the Uncanny Valley. In *Proceedings of Human Factors and Ergonomics Society (*pp. 1599-1603), Austin, TX, USA. Contributions: D, A, W
25. Hertz, N., & **Wiese, E.**** (2017). Social Facilitation with Non-Human Agents: Possible or not? In *Proceedings of Human Factors and Ergonomics Society (*pp. 222-225), Austin, TX, USA. Contributions: D, A, W
26. Mandell, A.R., Smith, M.A., & **Wiese, E.**** (2017). Mind Perception in Humanoid Agents has Negative Effects on Cognitive Processing. In *Proceedings of Human Factors and Ergonomics Society (*pp. 1585-1589), Austin, TX, USA. Contributions: D, A, W

27. Smith, M.A., & **Wiese, E.**** (2016). Look at Me Now: Investigating Delayed Disengage-ment for Ambiguous Human-Robot Stimuli. In A. Agah et al. (Eds.): *Lecture Notes in Computer Science, 9979* (pp. 950–960), Kansas, KS, USA. Contributions: D, A, W
28. Hertz, N., & **Wiese, E.**** (2016). Influence of Agent Type and Task Ambiguity on Conformity in Social Decision Making. In *Proceedings of Human Factors and Ergonomics Society* (pp. 313-317), Washington D.C., USA. Contributions: D, A, W
29. Smith, M.A., Allaham, M.M., & **Wiese, E.**** (2016). Trust in Automated Agents is Modulated by Task Type. In *Proceedings of Human Factors and Ergonomics Society* (pp. 206-2010), Washington D.C., USA. Contributions: D, P, A, W
30. Martini, M.C., Buzzell, G., & **Wiese, E.**** (2015). Agent appearance modulates mind attribution and social attention in Human-Robot Interaction. In A. Tapus et al. (Eds.), *Lecture Notes in Computer Science, 9388* (pp. 431-439), Paris, France. Contributions: D, P, A, W
31. Mandell, A.R., Smith, M.A., Martini, M.C., Shaw, T.H., & **Wiese, E.**** (2015). Does the Presence of Social Agents Improve Cognitive Performance on a Vigilance Task. In A. Tapus et al. (Eds.), *Lecture Notes in Computer Science, 9388* (pp. 684–693), Paris, France. Contributions: D, P, A, W
32. Reidy, K., Markin, K., Kohn, S., & **Wiese, E.**** (October, 2015). Effects of Perspective Taking on Ratings of Human Likeness and Trust. In A. Tapus et al. (Eds.), *Lecture Notes in Computer Science, 9388* (pp. 564–573), Paris, France. Contributions: D, P, A, W
33. Walliser, J., Tulk, S., Hertz, N., Issler, E. & **Wiese, E.**** (2015). Effects of Perspective Taking on Implicit Attitudes and Performance in Economic Games. In A. Tapus et al. (Eds.), *Lecture Notes in Computer Science, 9388* (pp. 684–693), Paris, France. Contributions: D, P, A, W
34. Martini, M.C., Murtza, R., & **Wiese, E.**** (2015). Minimal Physical Features Required for Social Robots. In *Proceedings of Human Factors and Ergonomics Society* (pp. 1438-1442), Los Angeles, CA, USA. Contributions: D, P, A, W
35. **Wiese, E.**, Müller, H.J., & Wykowska, A. (2014). Using a gaze cueing paradigm to examine social cognitive mechanisms of individuals with autism observing robot and human faces. In M. Beetz et al. (Eds.), *Lecture Notes in Computer Science, 8755* (pp. 370-379), Sydney, Australia. Contributions: D, P, A, W
36. **Wiese, E.**, Müller, H.J., & Wykowska, A. (2013). Making eyes with robots – Readiness to engage in Human-Robot-Interaction depends on attribution of intentionality. In *Proceedings of Human Factors and Ergonomics Society* (pp. 1174-1178). San Diego, CA, USA. Contributions: D, P, A, W
37. **Wiese, E.**, Kohlbecher, S., & Müller, H.J. (2012). Acuity in estimating gaze direction in Human-Human and Human-Robot-Interaction. In *Proceedings of 7th ACM/IEEE International Conference on HRI2012 (Workshop on Gaze in Human-Robot-Interaction)*, Boston, MA, USA. Contributions: D, P, A, W

38. Kohlbecher, S., **Wiese, E.**, et al. (2012). Studying gaze-based Human-Robot Interact-ion: An experimental platform. In *Proceedings of 7th ACM/IEEE International Con-ference on HRI2012 (Workshop on Gaze in Human-Robot-Interaction)*, Boston, MA, USA. Contributions: D, P, A, W
39. **Wiese, E.**, Israel, J.H., Meyer, A., & Bongartz, S. (2010). Investigating the Learnability of Immersive Free-Hand Sketching. In M. Alexa et al. (Eds.), *EUROGRAPHICS* (pp. 135-142), Norrkoping, Sweden. Contributions: D, P, A, W
40. **Wiese, E.**, Israel, J.H., Zöllner, C., Pohlmeyer, A.E. & Stark, R. (October, 2009). The potential of immersive 3D-sketching environments for design problem solving. In C. Stephanidis et al. (Eds.), *Proceedings of the 13th International Conference on HCI* (pp. 485-489), San Diego, CA, USA. Contributions: D, P, A, W
41. **Wiese, E.**, Israel, J.H., Zöllner, C., Mateescu, M. & Stark, R. (2009). 3D-Skizzieren in virtuellen Umgebungen – Neue Wege für kreatives Design-Problemlösen. In A. Lichtenstein et al. (Eds.), *Proceedings of the 8th Berliner Werkstatt fuer Mensch-Maschine Systeme* (pp. 110-115), Berlin, Germany. Contributions: D, P, A, W
42. **Wiese, E.** & Adenauer, J. (2009). Design problem solving with external representations. In S. Kain et al. (Eds.), *Proceedings of Mensch & Computer* (pp. 34-36), Berlin, Germany. Contributions: D, P, A, W
43. Adenauer, J. & **Wiese, E.**** (2009). Mixed reality mockups for multimodal evaluation of product prototypes. In: S. Kain et al. (Eds.), *Proceedings of Mensch & Computer 2009* (pp. 284-286), Berlin, Germany. Contributions: D, P, A, W
44. **Wiese, E.**, Konerding, U. & Schmid, U. (2008). Mapping and inference in analogical problem solving: As much as needed or as much as possible? In: B.C. Love et al. (Eds.), *Proceedings of the 30th Annual Conference of the Cognitive Science Society* (pp. 927-932). Mahwah, NJ: Lawrence Erlbaum. Contributions: D, P, A, W

BOOK CHAPTERS

1. **Wiese, E.** & Wiese, L. (2012). Design Problem-Solving with External Representations. In: J. Adenauer & J. Petruschat (Eds.) Prototype! physical, virtual, hybrid, smart (Form+ Zweck Verlag, Berlin), pp. 160-185.

PRESENTATIONS

TALKS

1. Pillot, B., Knachman, K., Lee, Y.C., & **Wiese, E.** (2020, October). Driving with Robots: Mind perception and propensity for aggressive driving. *Proceedings of HFES*
2. Abubshait, A. & **Wiese, E.**** (2019, October). Effect of brain stimulation on mechanisms of social cognition is modulated by individual preferences for human versus robot agents. *Proceedings of HFES*, 63(1), 858-862.
3. Kohn, S.C., Momen, A., **Wiese, E.**, Lee, Y.C., Shaw, T. (2019, October). The consequences of purposefulness and human-likeness on trust repair attempts made by self-driving vehicles. *Proceedings of HFES*, 63(1), 222-226.
4. Currie, L.Q., & **Wiese, E.****(2019, October). Mind perception in a competitive human-robot interaction game. *Proceedings of HFES*, 63(1), 1957-1961.
5. Sikorski, E., Mulvey, S. & **Wiese, E.**** (2019, October). Effects of anthropomorphic design on the effectiveness of motivational messages. *Proceedings of HFES*, 63(1), 1888-1892.
6. Butler, R., Pruitt, Z., & **Wiese, E.**** (2019, October). The effect of social context on mind perception in robots. *Proceedings of HFES*, 63(1), 230-234.
7. Abubshait, A., Beatty, P. J., McDonald, C., & **Wiese, E.**** (2019, March). Does familiarity with a social robot influence outcome valuation as indexed by a neural measure of reward in human-robot interaction? *Technology, Mind & Society*, Washington DC, USA.
8. Weis, P.P., & **Wiese, E.**** (2019, March). Do performance goals matter when deciding whether to solve a problem internally or externally? *Technology, Mind & Society*, Washington DC, USA.
9. **Wiese, E.**, & Weis, P.P. (2019, March). Your human-likeness matters to me – Categorical perception as potential cause for the Uncanny Valley? *Technology, Mind & Society*, Washington DC, USA.
10. **Wiese, E**., Abubshait, A., & Weis, P.P. (2019, March). Assessing the categorization- individuation spectrum with human and robot images. *Technology, Mind & Society*, Washington DC, USA.
11. Momen, A., & **Wiese, E.**** (2019, March). Investigating the Cross-Category Effect of Face Perception in Human Robot Interaction. *Technology, Mind & Society*, Washington DC, USA.
12. Momen, A. & **Wiese, E.**** (2018, October). Mind perception modulates social attention in real-time human-robot interaction. *Proceedings of Technology, Mind and Society.*
13. Abubshait, A., Weis, P. & **Wiese, E.**** (2018, October). Effects of embodiment on social attention mechanisms in human-robot interaction. *Proceedings of Technology, Mind and Society.*

14. Momen, A., & **Wiese, E.**** (2018, October). Perceived personality affects social attention in real-time human-robot interaction. *Proceedings of Technology, Mind and Society.*
15. Tulk, S. & **Wiese, E..**** (2018, October). Reasoning about information provided by bots. *Proceedings of Technology, Mind and Society.*
16. Momen, A., & **Wiese, E.** (2018, October). Noticing Extraversion Effects Attention: How Robot and Participant Personality Affect Social Attention*.* Meeting of the *Human Factors and Ergonomics Society* (HFES), Pittsburgh, PA, USA.
17. Weis, P.P., & **Wiese, E.** (2018, October). I Like it Slow: Speed Considerations Hardly Matter when Outsourcing Thought. Meeting of the *Human Factors and Ergonomics Society* (HFES), Pittsburgh, PA, USA.
18. Tulk, S., & **Wiese, E.** (2018, October). Social Decision Making with Humans and Robots: Trust and Approachability Mediate Economic Decision Making. Meeting of the *Human Factors and Ergonomics Society* (HFES), Pittsburgh, PA, USA.
19. Abubshait, A., Weis, P.P., & **Wiese, E.** (2018, June). Effects of embodiment on social attention mechanisms in human-robot interaction. *Neuroergonomics,* Philadelphia, PA, USA.
20. Momen, A., & **Wiese, E.** (2018, June). Perceived robot personality affects social attention in real-time human-robot interaction*. Neuroergonomics,* Philadelphia, PA, USA.
21. Momen, A., & **Wiese, E.** (2018, June). Mind perception modulates social attention in real-time human-robot interaction. *Neuroergonomics,* Philadelphia, PA, USA.
22. Tulk, S. & **Wiese, E.** (2018, June). Reasoning about information provided by bots. *Neuroergonomics,* Philadelphia, PA, USA.
23. **Wiese, E.**, Weis, P., & Lofaro, D. (2018, June). Embodied social robots trigger gaze following in real-time HRI. *IEEE Ubiquitous Robots,* Honolulu, HI, USA.
24. **Wiese, E**. (2018, March). Can Neuroscience Help Us Make Robots Truly Social? *Human-Robot Interaction (HRI)*, Chicago, IL, USA.
25. Tulk, S. & **Wiese, E.** (2018, April). Better know whom you are starving with: Examining mind perception in interactive video games. *Technology, Mind & Society,* Washington DC, USA.
26. Momen, A., & **Wiese, E.** (2018, April). Differences in Working-Memory Capacity modulate Top-down Control of Social Attention. *Technology, Mind & Society,* Washington DC, USA.
27. **Wiese, E.**, Shaw. T., Lofaro, D. & Baldwin, C. (2017, September). Designing Artificial Agents as Social Companions. Meeting of the *Human Factors and Ergonomics Society* (HFES)*,* Austin, TX, USA.
28. Abubshait, A., & Momen, A., & **Wiese, E.** (2017, September). Seeing human: Do individual differences modulate the Uncanny Valley? Meeting of the *Human Factors and Ergonomics Society* (HFES), Austin, TX, USA.

29. Weis, P., & **Wiese, E.** (2017, September). Cognitive Conflict as Possible Origin of the Uncanny Valley. Meeting of the *Human Factors and Ergonomics Society* (HFES), Austin, TX, USA.
30. Hertz, N., & **Wiese, E.** (2017, September). Social Facilitation with Non-Human Agents: Possible or not? Meeting of the *Human Factors and Ergonomics Society* (HFES), Austin, TX, USA.
31. Mandell, A.R., Smith, M.A., & **Wiese, E.** (2017, September). Mind Perception in Humanoid Agents has Negative Effects on Cognitive Processing. Meeting of the *Human Factors and Ergonomics Society* (HFES), Austin, TX, USA.
32. Smith, M.A., & **Wiese, E.** (2016, October). Look at me now: Investigating delayed disengagement for ambiguous human-robot agent stimuli**.** *International Conference on Social Robotics* (ICSR), Kansas City, KS, USA.
33. Hertz, N., & **Wiese, E.** (2016, October). Influence of Agent Type and Task Ambiguity on Conformity in Social Decision Making. Meeting of the *Human Factors and Ergonomics Society* (HFES), Washington D.C., USA.
34. Smith, M.A., Allaham, M.M., & **Wiese, E.** (2016, October). Trust in Automated Agents is Modulated by Task Type. Meeting of the *Human Factors and Ergonomics Society* (HFES), Washington D.C., USA.
35. Parasuraman, R., Madhavan, P., de Visser, E., & **Wiese, E.** (2014, October). Human Trust in other humans, automation, robots and cognitive agents: Neural correlates and design implications. Meeting of the *Human Factors and Ergonomics Society* (HFES), Chicago, IL, USA.
36. **Wiese, E.**, Müller, H.J., Wykowska, A. (2013, October). Making eyes with robots – Readiness to engage in Human-Robot-Interaction depends on attribution of intentionality. Meeting of the *Human Factors and Ergonomics Society* (HFES), San Diego, CA, USA.
37. **Wiese, E.**, Konerding, U. & Schmid, U. (2008, July). Mapping and inference in analogical problem solving: As much as needed or as much as possible? Annual Meeting of the *Cognitive Science* Society (CogSci), Washington D.C., USA.

INVITED TALKS

1. **Wiese, E.** (2017, July). Robots as Intentional Agents: Cost and Benefits. Invited Talk given at the Italian Institute of Technology (IIT), Genova, Italy
2. **Wiese, E.** (2017, December). Women in Science: Lessons learned and challenges yet to overcome. Invited Talk at Otto Friedrich University Bamberg, Germany
3. **Wiese, E.** (2018, August). Designing Robots as Social Companions - Insights from Social Neuroscience. Invited Talk at Microsoft Research Center, Seattle, WA, USA.
4. **Wiese, E.** (2018, December). Friend or Foe – What mind perception can tell us about

artificial agents. Invited Talk at the German Research Center for Artificial Intelligence, Kaiserslautern, Germany.

POSTERS

1. Abubshait, A., Beatty, P. J., McDonald, C., & **Wiese, E.** (2019, May). A win-win situation: Familiarity influences outcome valuation as indexed by a neural measure of reward in a gambling task. *Social and Affective Neuroscience Society* (SANS), Miami, USA.

2. Momen, A., & **Wiese, E.** (2018, June). Mind perception modulates social attention in real-time human-robot interaction. *Neuroergonomics,* Philadelphia, PA, USA.

3. Tulk, S. & **Wiese, E.** (2018, June). Reasoning about information provided by bots. *Neuroergonomics,* Philadelphia, PA, USA.

4. Abubshait, A., Beatty, P. J., McDonald, C., & **Wiese, E.** (2018, April). Familiarity influences neural indices of reward to other's outcomes in a gambling task. *Social and Affective Neuroscience Society* (SANS), Brooklyn, NY, USA.
5. Abubshait, A., Beatty, P., McDonald, C., & **Wiese, E.** (2018, April). I'm so happy for you. Familiarity influences neural index of reward to others' outcomes in a gambling task. *Technology, Mind, & Society* (TMS), Washington, D.C., USA.
6. **Wiese, E**., Abubshait, A., Hanelli, A., & Blumberg, E.J. (2017, April). Enhancing social attention mechanisms via noninvasive brain stimulation. Meeting of the *Cognitive Neuroscience Society* (CNS), San Francisco, CA, USA.
7. **Wiese, E.**, Parasuraman, R., Hanelli, A., & Blumberg, E.J. (2016, April). Modeling the intentional stance through non-invasive brain stimulation of the anterior paracingulate cortex. Meeting of the *Cognitive Neuroscience Society* (CNS), New York, NY, USA.
8. Reidy, K., Markin, K., Kohn, S., & **Wiese, E.** (2015, October). Effects of Perspective Taking on Ratings of Human Likeness and Trust. *International Conference on Social Robotics* (ICSR), Paris, France.
9. Martini, M.A., Buzzell, G., & **Wiese, E.** (2015, October). Agent appearance modulates mind attribution and social attention in Human-Robot Interaction. *International Conference on Social Robotics* (ICSR), Paris, France.
10. Mandell, A.R., Smith, M.A., Martini, M.A., Shaw, T.H., & **Wiese, E.** (2015, October). Does the Presence of Social Agents Improve Cognitive Performance on a Vigilance Task. *International Conference on Social Robotics* (ICSR), Paris, France.
11. Walliser, J., Tulk, S., Hertz, N., Issler, E., & **Wiese, E.** (2015, October). Effects of Perspective Taking on Implicit Attitudes and Performance in Economic Games. *International*

Conference on Social Robotics (ICSR), Paris, France.

12. Martini, M.A., Murtza, R., & **Wiese, E.** (2015, April). Minimal Physical Features Required for Social Robots. Meeting of the *Human Factors and Ergonomics Society* (HFES), Los Angeles, CA, USA.
13. Blumberg, E.J., Parasuraman, R., Hanelli, A., & **Wiese, E.** (2015, April). Modeling the intentional stance through non-invasive brain stimulation of the anterior paracingulate cortex. Meeting of the *Cognitive Neuroscience Society* (CNS), San Francisco, CA, USA.
14. **Wiese, E.**, Wykowska, A., & Müller, H.J. (2014, April). Social attention is modulated by emotions: The influence of facial expression on the spatial specificity of gaze cueing. Meeting of the *Cognitive Neuroscience Society* (CNS), Boston, MA, USA.
12. Wykowska, A., **Wiese, E.**, & Müller, H.J. (2012, September). Treating others as inten-tional agents influences our own perception. An EEG study. *European Conference on Visual Perception* (ECVP), Alghero, Italy.
13. **Wiese, E.**, Kohlbecher, S., & Müller, H.J. (2012, March). Acuity in estimating gaze direction in Human-Human and Human-Robot-Interaction. *Human-Robot-Interaction* (HRI), Boston, MA, USA.
14. **Wiese, E.**, Zwickel, J., & Müller, H.J. (2011, September). Social effects on spatial attention. How precise are shifts in visual attention following centrally presented gaze cues? *European Conference on Visual Perception* (ECVP), Toulouse, France.
15. **Wiese, E.**, Zwickel, J., & Müller, H.J. (2011, March). Soziale Einflussfaktoren auf räumliche Aufmerksamkeitsprozesse: Wie spezifisch ist die Aufmerksamkeitsverschiebung beim Beobachten der Blickrichtung anderer. *Conference of Experimental Psychologists* (TeaP), Halle, Germany.
16. **Wiese, E.**, Zwickel, J., & Müller, H.J. (2010, March). Bewirkt das Beobachten von Blickbewegungen eine räumlich-spezifische Aufmerksamkeitsverschiebung? *Conference of Experimental Psychologists* (TeaP), Saarbrücken, Germany.
17. **Wiese, E.**, Israel, J.H., Zöllner, C., Mateescu, M. & Stark, R. (2009, October). 3D-Skizzieren in virtuellen Umgebungen – Neue Wege für kreatives Design-Problemlösen. *Berliner Werkstatt fuer Mensch-Maschine Systeme* (BWMMS), Berlin, Germany.
18. **Wiese, E.** & Adenauer, J. (2009, September). Design problem solving with external representations. *Mensch & Computer,* Berlin, Germany.
19. **Wiese, E.** & Schmid, U. (2007, March). As much as needed or as much as possible? - Inference and schema generalization in analogical reasoning. *Kognitionswissenschaft* (KogWis), Saarbrücken, Germany.

TEACHING

Fall 2010	*Experimental Psychology, Graduate,* LMU, Munich*, Germany*
Fall 2011	*Research Methods*, Undergraduate, LMU, Munich, Germany
Spring 2012	*Experimental Psychology*, Graduate, LMU, Munich, Germany
Fall 2012	*Research Methods*, Undergraduate, LMU, Munich, Germany
	Experimental Psychology, Graduate, LMU, Munich, Germany
Fall 2013	*Usability & Product Design*, Graduate, GMU, Fairfax, USA
Spring 2014	*Social Neuroscience*, Undergraduate, GMU, Fairfax, USA
	Social Robotics, Graduate, GMU, Fairfax, USA
Fall 2014	*Cognitive Psychology*, Undergraduate, GMU, Fairfax, USA
	Usability & Product Design, Graduate, GMU, Fairfax, USA
Spring 2015	*Social Neuroscience*, Undergraduate, GMU, Fairfax, USA
	Social Robotics, Graduate, GMU, Fairfax, USA
Fall 2015	*Cognitive Psychology*, Undergraduate, GMU, Fairfax, USA
	Usability & Product Design, Graduate, GMU, Fairfax, USA
Spring 2016	*Cognitive Psychology*, Undergraduate, GMU, Fairfax, USA
	Social Robotics, Graduate, GMU, Fairfax, USA
Fall 2016	*Cognitive Psychology*, Undergraduate, GMU, Fairfax, USA
	Usability & Product Design, Graduate, GMU, Fairfax, USA
Spring 2017	*Cognitive Psychology*, Undergraduate, GMU, Fairfax, USA
	Social Robotics, Graduate, GMU, Fairfax, USA
Fall 2017	*Cognitive Psychology*, Undergraduate, GMU, Fairfax, USA
	Usability & Product Design, Graduate, GMU, Fairfax, USA
Fall 2018	*Cognitive Psychology*, Undergraduate, GMU, Fairfax, USA
	Social Robotics, Graduate, GMU, Fairfax, USA
Spring 2019	*Cognitive Psychology*, Undergraduate, GMU, Fairfax, USA
	Social Robotics, Graduate, GMU, Fairfax, USA

Fall 2019	*Cognitive Psychology*, Undergraduate, GMU, Fairfax, USA
	Usability & Product Design, Graduate, GMU, Fairfax, USA
Spring 2020	*Usability & Product Design*, Graduate, GMU, Fairfax, USA
	Usability & Product Design, Graduate, GMU, Fairfax, USA
Fall 2020	*Usability & Product Design*, Graduate, GMU, Fairfax, USA
	Social Robotics, Graduate, GMU, Fairfax, USA

MENTORING AND ADVISING

Primary Doctoral Students (10 students)
Melissa Smith (graduated 2016), Molly Martini (graduated 2018), Abdulaziz Abubshait (graduated 2019), Patrick Weis (graduated 2019), Nicholas Hertz (graduated 2019), Stephanie Tulk (graduated 2020), Ali Momen (current), Min Ji Kim (current), Nicholas Gazzia (current), Noushin Jamaatlou (current)

Dissertation Committee (11 students)
Christian Gonzalez (graduated 2015), Eric Blumberg (graduated 2016), Brian Falcone (graduated 2016), Cyrus Foroughi (graduated 2016), James Walliser (graduated 2017), Bridget Lewis (graduated 2018), Ari Mandell (current), Shane Kelly (current), Wendy Bacchus (current), Sarah Dziura (graduated), Fatemah Husein (current), Spencer Kohn (graduated)

Master Thesis (4 students: 3 Advisor, 1 Committee)
Nona Gergova (LMU, 2011-2013, Advisor), Hadas Gorodetzky (LMU, 2011-2013, Advisor), Mohamad Mowafak Allaham (2013-2015, Advisor), Zena Kirby (2015-2016, Committee)

Graduate Research Assistants (12 students)
Kyleigh Purks (2014-2015), James Villaccio (2014-2015), Berline Dormeus (2015-2016), Robert Kreitler (2015-2016), Eric Engel (2015-2016), Jose Villa (2015- 2016), Colleen Reynolds (2015-2016), Spencer Kohn (2015-2016), Sheel Shah (2016-2017), Mark Call (2017-2018), Shawn Mulvey (graduated), Matthew Wittbeck (graduated)

Undergraduate Honors Thesis (14 students: 11 Advisor, 3 Committee)
Abdulaziz Abubshait (2014-2015, Advisor), Virginia Chan (2014-2015, Advisor), Amanda Hanelli (2014-2015, Advisor), Elizabeth Adomako (2015-2016, Committee), Fahad Aloraini (2016-2017, Advisor), Stephen Guion (2016-2017, Committee), Aslihan Imamoglu (2017-2018, Advisor), Molly Kluck (2017-2018, Committee), Ameena Ashraf (current, Advisor), Marissa Toma (current, Advisor), Jeremy Hayward (2019-2020, Advisor), Sofie Therkelsen (2019-2020, Advisor), Levern Currie (2019-2020, Advisor), Jessica McDonough (2019-2020, Advisor)

Undergraduate Research Grantees ($1,500; 7 students: all Advisor)
Abdulaziz Abubshait (2014, Advisor), Amanda Hanelli (2014, Advisor), Alexander O'Leary (2016, Advisor), Fahad Aloraini (2017, Advisor), Aslihan Imamoglu (2018, Advisor), Emily Harris (2018, Advisor), Levern Currie (2018, 2019, 2020, Advisor)

PROFESSIONAL ACTIVITIES

Grant Reviewer

2018	National Science Foundation, FW-HTF
2018	European Research Council, MINDED Project
2020	Deutsche Forschungsgesellschaft (DFG)

Editoral Positions

2018	Associate Editor, IEEE Advanced Robotics
since 2020	Editorial Board of Journal of Experimental Psychology: Applied
since 2018	Associate Editor of International Journal of Social Robotics

Ad-hoc Reviewer

Attention, Perception & Psychophysics

Frontiers in Neurorobotics

Frontiers in Psychology

Frontiers in Human Neuroscience

Human Factors

International Journal of Social Robotics

International Journal of Psychophysiology

Interaction Studies

Journal of Experimental Psychology: General

Journal of Experimental Psychology: Applied

Journal of Vision

PloS One

PNAS

Psychological Research

Psychonomic Bulletin & Review

Visual Cognition

Committees

2017-present	Diversity Committee, Department of Psychology, GMU
2014-present	Governance and Nominations Committee, CHSS, GMU
2014-2017	Department Life Committee, Department of Psychology, GMU

Memberships

2018 - present	Association for Computing Machinery (ACM)
2013 - present	Human Factors and Ergonomics Society (HFES)
2013 - present	Cognitive Neuroscience Society (CNS)
2013 - 2014	Neuroscience Society (SfN)
2008 - 2010	Cognitive Science Society (CSS)

Conference Organization

2019/2020	Neuroergonomics, Scientific Board
2019/2020	Technology, Mind & Society, Scientific Board