



Wolfgang Gaissmaier, PhD Professor of Psychology

born June 6, 1977

married, two children (* 2010, 2012)

Address Department of Psychology
Social Psychology and Decision Sciences
University of Konstanz
P.O. Box 43 | 78457 Konstanz | Germany

Phone +49 7531 88-3024
Fax +49 7531 88-2899
Email gaissmaier@uni-konstanz.de
Website www.spds.uni.kn



Research Interests

Judgment and decision making
Risk perception and communication
Developing tools for improving decision making
Collective decision making and social contagion

Academic Career

- 2014 Full professor (W3) of psychology
Department of Psychology—Social Psychology and Decision Sciences—University of Konstanz
- 2013 Habilitation and Venia Legendi in Psychology
University of Heidelberg
- 2008 Chief Research Scientist (equivalent to an assistant professor)
Harding Center for Risk Literacy—Max Planck Institute for Human Development Berlin
- 2007 Postdoctoral Fellow
Center for Adaptive Behavior & Cognition—Max Planck Institute for Human Development Berlin
- 2007 PhD in psychology—grade: summa cum laude
Free University Berlin
- 2003 Predoctoral Fellow
Center for Adaptive Behavior & Cognition—Max Planck Institute for Human Development Berlin
- 2002 Diploma (=Master's Degree) in psychology—grade: 1.0
Free University Berlin

Honors and Awards

- 2019 LUKS Award for excellent teaching and being a positive role model
- 2016 University of Konstanz, Department of Psychology, awarded by students
- 2013 Rising Star
Association for Psychological Science
- 2012 Fellow, German Young Academy
Berlin-Brandenburg Academy of Sciences and Humanities & German Academy of Sciences Leopoldina
- 2009 Dissertation prize (runner up)
German Psychological Society, Section: General Psychology
- 2008 Otto Hahn Medal for outstanding scientific achievements
Max Planck Society
- 2006 New Investigator Award
Brunswik Society

Grants

- 2019 Research Project “Political elites and inequality: Information, heuristics and policy” within the Cluster of Excellence “The Politics of Inequality”, Role: Co-PI; with Christian Breunig, Friedrich Breyer, and Guido Schwerdt
approx. €577,791
German Research Association (DFG)
- 2018 Cluster of Excellence “Centre for the Advanced Study of Collective Behaviour”, Role: Co-PI, Psychology Representative, Board Member
approx. €200,000 for starter projects (total budget for 7 years is about €30 Mio)
German Research Association (DFG)
- 2016 Research Project “Contagious Risk Perception: The social dynamics of risk perception and attitudes towards preventive behaviors” Role: Principal Investigator (alone); within research unit “RISKDYNAMICS” led by Britta Renner and Harald Schupp
approx. €285,000
German Research Association (DFG)
- 2015 Research Project “Contagious Risk Perception: The social dynamics of risk perception and attitudes towards preventive behaviors.” Role: Principal Investigator (alone)
approx. €33,000
Committee on Research, University of Konstanz
- 2014 Research Project “Adaptive pattern detection and illusory beliefs: Flipsides of the same coin?” Role: Principal Investigator; with Nathaniel Phillips and Hansjörg Neth
€24,000
Committee on Research, University of Konstanz
- 2013 Research Project “What do general practitioners in the USA and Germany know about the benefits and harms of PSA screening?” Role: Principal Investigator (with Co-Principal Investigators Florian Steger and Daniel Chappell)
€29,850
German Young Academy at the Berlin-Brandenburg Academy of Sciences and Humanities & German Academy of Sciences Leopoldina
- 2012 Research Project “Effective communication about cancer screening when inviting the general public to participate.” Role: Principal Investigator (alone)
€66,060
German Ministry of Health
- 2012 Extension of the funding for the Harding Center for Risk Literacy, which was established in 2009 based on a private Grant from David Harding, director of Winton Capital Management. Role: Chief Research Scientist (with Director Gerd Gigerenzer)
€675,000
Winton Capital Management
- 2007 Project “Helping people with low numeracy understand medical information”. Role: Co-Principal Investigator (with Principal Investigator Mirta Galesic and others)
\$99,747
Foundation for Informed Medical Decision Making

Professional Services

Board of Directors

Graduate School of Decision Sciences, University of Konstanz (since 10/2015)

Centre for the Advanced Study of Collective Behaviour, University of Konstanz (since 12/2018)

Dean of Studies

Department of Psychology, University of Konstanz (10/2014 – 09/2023)

Journal Articles

- Gaissmaier, W.** (in press). A cognitive-ecological perspective on risk perception and medical decision making. *Medical Decision Making*. doi: <https://doi.org/10.1177/0272989X19876267>
- Kause, A., Townsend, T., & **Gaissmaier, W.** (2019). Framing climate uncertainty: Frame choices reveal and influence climate change beliefs. *Weather, Climate and Society*, *11*, 199–215, doi: <https://doi.org/10.1175/WCAS-D-18-0002.1>
- Popovic, N. F., Pachur, T., & **Gaissmaier, W.** (2019). The gap between medical and monetary choices under risk persists in decisions for others. *Journal of Behavioral Decision Making*, 1–15, doi: <https://doi.org/10.1002/bdm.2121>
- Gaissmaier, W.**, Giese, H., Galesic, M., Garcia-Retamero, R., Kasper, J., Kleiter, I., Meuth, S. G., Köpke, S., & Heesen, C. (2018). Numeracy of multiple sclerosis patients: A comparison of patients from the PERCEPT study to a German probabilistic sample. *Patient Education and Counseling*, *101*, 74–78, doi: <http://dx.doi.org/10.1016/j.pec.2017.07.018>
- Hoffmann, J. A., **Gaissmaier W.**, von Helversen, B. (2017). Justifying the judgment process affects neither judgment accuracy, nor strategy use. *Judgment and Decision Making*, *12*, 627–641.
- Neth, H., & **Gaissmaier, W.** (2017). Warum erfolgreiche Prognosen einfach und unsicher sind. Von der Wahl des richtigen Werkzeugs für Wähler und die Wahlforschung. *Zeitschrift für Politikwissenschaft*, *27* (2), 205–220. doi: [10.1007/s41358-017-0100-5](https://doi.org/10.1007/s41358-017-0100-5)
- Phillips, N. D., Neth, H., Woike, J., & **Gaissmaier W.** (2017). FFTrees: An R package to create, visualize, and evaluate fast-and-frugal decision trees. *Judgment and Decision Making* *12* (4), 344–368.
- Donner-Banzhoff, N., Seidel, J., Sikeler, A.-M., Bösner, S., Vogelmeier, M., Westram, A., Feufel, M., **Gaissmaier, W.**, Wegwarth, O., & Gigerenzer, G. (2017). The phenomenology of the diagnostic process: A primary-care based survey. *Medical Decision Making*, *37*, 27–34.
- Heesen, C., Kleiter, I., Meuth, S. G., Krämer, J., Kasper, J., Köpke, S., & **Gaissmaier, W.** (2017). Benefit-risk perception of natalizumab therapy in neurologists and a large cohort of multiple sclerosis patients. *Journal of the Neurological Sciences*, *376*, 181–190.
- Krämer, J., Tenberge, J.-G., Kleiter, I., **Gaissmaier, W.**, Ruck, T., Heesen, C., Meuth, S. G. (2017). Is the risk of progressive multifocal leukoencephalopathy the real reason for natalizumab discontinuation in patients with multiple sclerosis? *PLoS One*, *12*, e0174858
- Gaissmaier, W.**, Wilke, A., Scheibehenne, B., McCanney, P., & Barrett, H. C. (2016). Betting on illusory patterns: Probability matching in habitual gamblers. *Journal of Gambling Studies*, *32*, 143–156. doi: [10.1007/s10899-015-9539-9](https://doi.org/10.1007/s10899-015-9539-9)
- Galesic, M., Kause, A., & **Gaissmaier, W.** (2016). A sampling framework for uncertainty in individual environmental decisions. *Topics in Cognitive Sciences*, *8*, 242–258.

- Kendel, F., Helbig, L., Neumann, K., Herden, J., Stephan, C., Schrader, M., & **Gaissmaier, W.** (2016). Patients' perceptions of mortality risk for localized prostate cancer vary markedly depending on their treatment strategy. *International Journal of Cancer*, *139*, 749–753.
- Hautz, W. E., Kämmer, J. E., Schaubert, S. K., Spies, C. D., & **Gaissmaier, W.** (2015). Diagnostic performance by medical students working individually or in teams. *Journal of the American Medical Association*, *313*, 303–304, doi: [10.1001/jama.2014.15770](https://doi.org/10.1001/jama.2014.15770)
- Monteiro, S. D., Sherbino, J. D., Ilgen, J.S., Dore, K.L., Wood, T.J., Young, M.E., Bandiera, G., Blouin, D., **Gaissmaier, W.**, Norman, G. R., Howey, E. (2015). Disrupting diagnostic reasoning: The effect of interruptions on the diagnostic performance of residents and emergency physicians. *Academic Medicine*, 511–517.
- Moussaïd, M., Brighton, H., & **Gaissmaier, W.** (2015). The amplification of risk in experimental diffusion chains. *Proceedings of the National Academy of Sciences of the USA*, *112*, 5631–5636, doi: 10.1073/pnas.1421883112
- Oertelt-Prigione, S. Seeland, U., Kendel, F., Rütke, M., Floeel, A., **Gaissmaier, W.**, Heim, C. M., Schnabel, R., Stangl, V., & Regitz-Zagrosek, V. (2015). Cardiovascular risk factor distribution and subjective risk estimation in urban women (BEFRI study): a randomized cross-sectional study. *BMC Medicine*, *13*, 52.
- Gaissmaier, W.**, Anderson, B. L., & Schulkin, J. (2014). How do physicians provide statistical information about antidepressants to hypothetical patients? *Medical Decision Making*, *34*, 206–215.
- Kämmer, J. E., **Gaissmaier, W.**, Reimer, T., & Schermuly, C. C. (2014). The adaptive use of recognition in group decision making. *Cognitive Science*, *38*, 911–942.
- Norman, G., Sherbino, J., Dore, K., Wood, T., Young, M., **Gaissmaier, W.**, Kreuger, S., & Monteiro, S. (2014). The etiology of diagnostic errors: A controlled trial of system 1 versus system 2 reasoning. *Academic Medicine*, *89*, 277–284.
- Wilke, A., Scheibehenne, B., **Gaissmaier, W.**, McCanney, P., & Barrett, C. (2014). Illusory pattern detection in habitual gamblers. *Evolution and Human Behavior*, 291-297.
- Heesen, C.*, **Gaissmaier, W.***, Nguyen, F., Stellmann, P., Kasper, J., Köpke, S., Lederer, C., Neuhaus, A., & Daumer, M. (2013). *Prognostic risk estimates of patients with multiple sclerosis and their physicians: Comparison to an online analytical risk counseling tool. PLoS One*, *8*, e59042. * **Both authors contributed equally.**
- Kämmer, J. E., **Gaissmaier, W.**, & Czienskowski, U. (2013). The environment matters: Comparing individuals and dyads in their adaptive use of decision strategies. *Judgment and Decision Making*, *8*, 299–329.
- Sherbino, J., Norman, G. R., & **Gaissmaier, W.** (2013). In reply to Croskerry and Tait. *Academic Medicine*, *88*, 150–151.
- Trevena, L. J., Zikmund-Fisher, B. J., Edwards, A., **Gaissmaier, W.**, Galesic, M., Han, P. K. J., King, J., Lawson, M. L., Linder, S. K., Lipkus, I., Ozanne, E., Peters, E., Timmermans, D., Woloshin, S. (2013). Presenting quantitative information about decision outcomes: a risk communication primer for patient decision aid developers. *BMC Medical Informatics and Decision Making*, *13(Suppl 2)*, S7.
- Arkes, H. R., & **Gaissmaier, W.** (2012). Psychological research and the prostate-cancer screening controversy. *Psychological Science*, *23*, 547–553, doi: [10.1177/0956797612437428](https://doi.org/10.1177/0956797612437428)

- Betsch, C., Brewer, N.T., Brocard, P., Davies, P., **Gaissmaier, W.**, Haase, N., Leask, J., Renkewitz, F., Renner, B., Reyna, V.F., Rossmann, C., Sachse, K., Schachinger, A., Siegrist, M., & Stryk, M. (2012). Opportunities and challenges of Web 2.0 for vaccination decisions. *Vaccine, 30*, 3727–3733.
- Gaissmaier, W.**, & Gigerenzer, G. (2012). 9/11, act II: A fine-grained analysis of regional variations in traffic fatalities in the aftermath of the terrorist attacks. *Psychological Science, 23*, 1449–1454, doi: [10.1177/0956797612447804](https://doi.org/10.1177/0956797612447804)
- Gaissmaier, W.**, Wegwarth, O., Skopec, D., Müller, A.-S., Broschinski, S., & Politi, M. C. (2012). Numbers can be worth a thousand pictures: Individual differences in understanding graphical and numerical representations of health-related information. *Health Psychology, 31*, 286–296, doi: 10.1037/a0024850
- Sherbino, J., Dore, K. L., Wood, T. J., Young, M. E., **Gaissmaier, W.**, Kreuger, S., & Norman, G. R. (2012). The relation between processing speed and diagnostic errors. *Academic Medicine, 87*, 785–791.
- Wegwarth, O., Schwartz, L. M., Woloshin, S., **Gaissmaier, W.**, & Gigerenzer, G. (2012). Do physicians understand cancer screening statistics? A national survey of primary care physicians in the U.S. *Annals of Internal Medicine, 156*, 340–349.
- Gaissmaier, W.***, & Marewski, J. N.* (2011). Forecasting elections with mere recognition from small, lousy samples: A comparison of collective recognition, wisdom of crowds, and representative polls. *Judgment and Decision Making, 6*, 73–88. * **Both authors contributed equally.**
- Gigerenzer, G., & **Gaissmaier, W.** (2011). Heuristic decision making. *Annual Review of Psychology, 62*, 451–482. doi: [10.1146/annurev-psych-120709-145346](https://doi.org/10.1146/annurev-psych-120709-145346)
- Wegwarth, O., **Gaissmaier, W.**, & Gigerenzer, G. (2011). Deceiving numbers: Survival rates and their impact on doctors' risk communication. *Medical Decision Making, 31*, 386–394.
- Heesen, C., Kleiter, I., Nguyen, F., Schäffler, N., Kasper, J., Köpke, S., & **Gaissmaier, W.** (2010). Risk perception in natalizumab-treated multiple sclerosis patients and their neurologists. *Multiple Sclerosis, 16*, 1507–1512.
- Marewski, J. N.*, **Gaissmaier, W.***, & Gigerenzer, G. (2010). Good judgments do not require complex cognition. *Cognitive Processing, 11*, 103–121. * **Both authors contributed equally.**
- Marewski, J. N.*, **Gaissmaier, W.***, & Gigerenzer, G. (2010). We favor formal models of heuristics rather than lists of loose dichotomies: a reply to Evans and Over. *Cognitive Processing, 11*, 177–179. * **Both authors contributed equally.**
- Marewski, J. N., **Gaissmaier, W.**, Schooler, L. J., Goldstein, D. G., & Gigerenzer, G. (2010). From recognition to decisions: Extending and testing recognition-based models for multi-alternative inference. *Psychonomic Bulletin and Review, 17*, 287–309.
- Marewski, J. N., **Gaissmaier, W.**, Schooler, L. J., Goldstein, D. G., & Gigerenzer, G. (2009). Do voters use episodic knowledge to rely on recognition? In N.A. Taatgen & H. van Rijn (Eds.), *Proceedings of the 31st Annual Conference of the Cognitive Science Society* (pp. 2232–2237). Austin, TX: Cognitive Science Society.
- Wegwarth, O., **Gaissmaier, W.**, & Gigerenzer, G. (2009). Smart strategies for doctors and doctors-in-training: Heuristics in medicine. *Medical Education, 43*, 721–728.
- Gaissmaier, W.**, & Gigerenzer, G. (2008). Statistical illiteracy undermines informed shared decision making. *Zeitschrift für Evidenz, Fortbildung und Qualität im Gesundheitswesen [German Journal for*

Evidence and Quality in Health Care], 102, 411–413.

- Gaissmaier, W.**, & Schooler, L. J. (2008). The smart potential behind probability matching. *Cognition*, 109, 416–422, doi: [10.1016/j.cognition.2008.09.007](https://doi.org/10.1016/j.cognition.2008.09.007)
- Gaissmaier, W.**, Schooler, L. J., & Mata, R. (2008). An ecological perspective to cognitive limits: Modeling environment-mind interactions with ACT-R. *Judgment and Decision Making*, 3, 278–291.
- Bröder, A. & **Gaissmaier, W.** (2007). Sequential processing of cues in memory-based multi-attribute decisions. *Psychonomic Bulletin and Review*, 14, 895–900.
- Gaissmaier, W.**, Straubinger, N., & Funder, D. C. (2007). Ecologically structured information: The power of pictures and other effective data presentations. *Behavioral and Brain Sciences*, 30, 263–264.
- Gigerenzer, G., **Gaissmaier, W.**, Kurz-Milcke, E., Schwartz, L. M., & Woloshin, S. (2007). Helping doctors and patients make sense of health statistics. *Psychological Science in the Public Interest*, 8, 53–96, doi: 10.1111/j.1539-6053.2008.00033.x
- Gaissmaier, W.**, Schooler, L. J., & Rieskamp, J. (2006). Simple predictions fueled by capacity limitations: When are they successful? *Journal of Experimental Psychology: Learning, Memory and Cognition*, 32, 966–982, doi: [10.1037/0278-7393.32.5.966](https://doi.org/10.1037/0278-7393.32.5.966)

Book Chapters and Other Publications

- Gaissmaier, W.** (2019). Eine Impfpflicht ist kein Allheilmittel! *Deutsche Apothekerzeitung*, 30.
- Gaissmaier, W.** (2019). Achtung Fallstricke. Ein Meinungsbeitrag zum Umgang mit Risiko in der Medizin und der Hoffnung auf Einsicht. *Deutsche Apothekerzeitung*, 11, 3000–3005.
- Gaissmaier, W.** (2019). Warum wir Terrorismus mehr fürchten als Klinikkeime. *Management & Krankenhaus*, 3, 20–21.
- Neth, H., Gaisbauer, F., Gradwohl, N., & **Gaissmaier, W.** (2018). riskyr: A toolbox for rendering risk literacy more transparent. Social Psychology and Decision Sciences, University of Konstanz, Germany. Computer software (R package version 0.1.0, Feb. 16, 2018). Retrieved from <<https://github.com/hneth/riskyr>>.
- Hoffmann, J. A., **Gaissmaier, W.**, & von Helversen, B. (2017). Justification in Judgment. doi:10.17605/OSF.IO/7NMWS
- Gaissmaier, W.**, & Neth, H. (2016). Die Intelligenz einfacher Entscheidungsregeln in einer ungewissen Welt. *Controller Magazin*, 2, 19–26.
- Bodemer, N., & **Gaissmaier, W.** (2015). Risk perception. In H. Cho, T. Reimer, & K. A. McComas (Eds.) *The Sage Handbook of Risk Communication* (pp. 10–23). Thousand Oaks, CA: Sage.
- Gaissmaier, W.** (2015). Die Kunst der guten Entscheidung: In einer unsicheren Welt brauchen wir Kopf und Bauch. (The art of good decision making: In an uncertain world, we need both brains and guts.) In Union Investment (Ed.), *Die Vermessung des Risikos (The measurement of risk)* (pp. 166–177). Frankfurt a.M.: Union Investment.
- Gigerenzer, G., & **Gaissmaier, W.** (2015). Decision making: Nonrational theories. In J. D. Wright (Ed.), *International encyclopedia of the social and behavioral sciences (2nd ed., Vol. 5)* (pp. 911–916). Amsterdam: Elsevier.

- Gigerenzer, G., & **Gaissmaier, W.** (2015). Intuition und Führung. In M. W. Fröse, S. Kaudela-Baum, & F. E. P. Dievernich (Eds.), *Emotion und Intuition in Führung und Organisation* (pp. 19–24). Heidelberg: Springer.
- Kause, A., Prinz, R., **Gaissmaier, W.**, & Wegwarth, O. (2014). Risikokompetenz von Ärzten und Patienten. In K. Hurrelmann & E. Baumann (Eds.), *Handbuch Gesundheitskommunikation* (pp. 424–439). Bern: Huber.
- Multmeier, J., **Gaissmaier, W.**, & Wegwarth, O. (2014). Collective statistical illiteracy in health. In B. L. Anderson & J. Schulkin (Eds.), *Numerical Reasoning in Judgments and Decision Making About Health* (pp. 39–58). Cambridge, UK: Cambridge University Press.
- Gaissmaier, W.** (2013). *Decision making under risk and uncertainty: A cognitive-ecological perspective*. Habilitation Thesis, Universität Heidelberg, Heidelberg.
- Gaissmaier, W.**, & Gigerenzer, G. (2013). Wenn fehlinformierte Patienten versuchen, informierte Gesundheitsentscheidungen zu treffen. In G. Gigerenzer & J. A. M. Gray (Eds.), *Bessere Ärzte, bessere Patienten, bessere Medizin. Aufbruch in ein transparentes Gesundheitswesen* (pp. 29–44). Berlin: Medizinisch Wissenschaftliche Verlagsgesellschaft.
- Hertwig, R., Buchan, H., Davis, D., **Gaissmaier, W.**, Härter, M., Légaré, F., Kolpatzik, K., Schmacke, N., Wormer, H. (2013). Wie werden Gesundheitsfachkräfte und Patienten im Jahr 2020 zusammenarbeiten? Ein Manifest für den Wandel. In G. Gigerenzer & J. A. M. Gray (Eds.), *Bessere Ärzte, bessere Patienten, bessere Medizin. Aufbruch in ein transparentes Gesundheitswesen* (pp. 325–347). Berlin: Medizinisch Wissenschaftliche Verlagsgesellschaft.
- Bodemer, N., & **Gaissmaier, W.** (2012). Risk communication in health. In S. Roeser, R. Hillerbrand, P. Sandin, & M. Peterson (Eds.), *Handbook of Risk Theory. Epistemology, Decision Theory, Ethics and Social Implications of Risk* (pp. 621–660). Berlin: Springer.
- Gaissmaier, W.** (2012). Warum Patienten ein Recht auf verständliche Informationen haben. *Bauchredner, 108*, 85–89.
- Gigerenzer, G., Dieckmann, A., & **Gaissmaier, W.** (2012). Efficient cognition through limited search. In P. M. Todd, G. Gigerenzer & the ABC Research Group, *Ecological rationality: Intelligence in the world* (pp. 241–273). New York: Oxford University Press.
- Gigerenzer, G. & **Gaissmaier, W.** (2012). Intuition und Führung. Wie gute Entscheidungen entstehen. Gütersloh: Bertelsmann Stiftung.
- Trevena, L. J., Zikmund-Fisher, B. J., Edwards, A., **Gaissmaier, W.**, Galesic, M., Han, P. K. J., King, J., Lawson, M. L., Linder, S. K., Lipkus, I., Ozanne, E., Peters, E., Timmermans, D., Woloshin, S. (2012). Presenting probabilities. In R. Volk & H. Llewellyn-Thomas (eds). 2012 Update of the International Patient Decision Aids Standards (IPDAS) Collaboration's Background Document. Chapter C. <http://ipdas.ohri.ca/resources.html>.
- Bröder, A., & **Gaissmaier, W.** (2011). Sequential processing of cues in memory-based multiattribute decisions. In G. Gigerenzer, R. Hertwig, & T. Pachur (Eds.), *Heuristics: The foundations of adaptive behavior* (pp. 429–435). New York: Oxford University Press.
- Gaissmaier, W.** (2011). Die Evidenz transparent machen. *Das Österreichische Gesundheitswesen, 52*, 13–15.
- Gaissmaier, W.** (2011). Risk communication: Why we need understandable information. *Way Ahead, 15*, 10–12.

- Gaissmaier, W.**, Fifić, M., & Rieskamp, J. (2011). Analyzing response times to understand decision processes. In M. Schulte-Mecklenbeck, A. Kühberger & R. Ranyard (Eds.), *A Handbook of Process Tracing Methods for Decision Making* (pp. 141–162). New York: Taylor & Francis.
- Gaissmaier, W.**, & Gigerenzer, G. (2011). When misinformed patients try to make informed health decisions. In G. Gigerenzer & J. A. M. Gray (Eds.), *Better Doctors, Better Patients, Better Decisions: Envisioning Healthcare 2020* (pp. 29–42). Strüngmann Forum Report, Vol. 6. Cambridge, MA: MIT Press.
- Hertwig, R., Buchan, H., Davis, D., **Gaissmaier, W.**, Härter, M., Légaré, F., Kolpatzik, K., Schmacke, N., Wormer, H. (2011). How will health care professionals and patients work together in 2020? A manifesto for change. In G. Gigerenzer & J. A. M. Gray (Eds.), *Better Doctors, Better Patients, Better Decisions: Envisioning Healthcare 2020* (pp. 317–337). Strüngmann Forum Report, Vol. 6. Cambridge, MA: MIT Press.
- Gaissmaier, W.** (2009). Kommunikation von Chancen und Risiken in der Medizin. In T. Langer & M. Schnell (Eds.), *Das Gespräch zwischen Arzt und Patient – ein Leitfaden für Klinik und Praxis* (pp. 177–185). München: Marseille.
- Gaissmaier, W.**, & Gigerenzer, G. (2009). Risk communication. In M. W. Kattan (Ed.), *Encyclopedia of Medical Decision Making* (pp. 1006-1008). London: Sage.
- Gigerenzer, G., & **Gaissmaier, W.** (2009). Warum wir verständliche Informationen brauchen. *Berliner Ärzte*, 46, 3.
- Gigerenzer, G., **Gaissmaier, W.**, Kurz-Milcke, E., Schwartz, L. M., & Woloshin, S. (2009). Glaub keiner Statistik, die du nicht verstanden hast. *Gehirn & Geist*, (10), 34-39.
- Gigerenzer, G., **Gaissmaier, W.**, Kurz-Milcke, E. M., Schwartz, L. M., & Woloshin, S. W. (2009). Knowing your chances. *Scientific American Mind*, April/May, 44–51.
- Neumeyer-Gromen, A. & **Gaissmaier, W.** (2009). Screening programs. In M. W. Kattan (Ed.), *Encyclopedia of Medical Decision Making* (pp. 1020-1024). London: Sage.
- Gigerenzer, G., & **Gaissmaier, W.** (2008). Katastrophen im Kopf. *Psychologie heute*, 35, 38–42.
- Gaissmaier, W.** (2007). *The mnemonic decision maker: How search in memory shapes decision making*. Doctoral Dissertation, Free University Berlin, Germany.
- Gaissmaier, W.** (2007). Über die Kunst, richtige Entscheidungen zu treffen (Interview von Dorit Kobusch). *Pflege Zeitschrift*, 60, 68–69.
- Gigerenzer, G., & **Gaissmaier, W.** (2007). Die Angst nach dem Terror. *Max Planck Forschung*, 2, 15-18.
- Gigerenzer, G., & **Gaissmaier, W.** (2007). Die Illusion der Gewissheit. *Einblick*, 2, 29-31.
- Gaissmaier, W.** & Gigerenzer, G. (2006). Wie funktioniert Intuition? In E. H. Witte (Eds.), *Evolutionäre Sozialpsychologie und automatische Prozesse* (pp. 31–49). Lengerich: Pabst.
- Gigerenzer, G., & **Gaissmaier, W.** (2006). Denken und Urteilen unter Unsicherheit: Kognitive Heuristiken. In J. Funke (Ed.), *Enzyklopädie der Psychologie: Vol. C, II, 8. Denken und Problemlösen* (pp. 329–374). Göttingen: Hogrefe.
- Gigerenzer, G., & **Gaissmaier, W.** (2006). Ironie des Terrors. *Gehirn & Geist*, 9, 14–16.
- Gaissmaier, W.**, Schooler, L. J., & Gigerenzer, G. (2005). Receptive memory in judgment and decision making. In M.-L. Käsermann & A. Altorfer (Eds.). *Über Lernen. Ein Gedankenaustausch* (pp. 67–79).

Invited Talks

- 2019 Invited talk at the “11th Disease Management Program Autumn Congress for General Practitioners”, organized by MSD Sharp & Dohme GmbH, Bad Wörishofen, Germany
- Invited talk at the “3rd Inter-Institutional Symposium “Together for Vaccination” organized by Sanofi Pasteur, Guadalajara, Mexico
- Keynote on “Good Decisions in an Uncertain World” at the 40th Anniversary Symposium of Tannenhof Berlin-Brandenburg, Berlin, Germany
- Invited talk at the GMO Medical and Commercial alignment meeting in July 2019 by Takeda Pharmaceuticals International AG on “When emotion trumps evidence: The psychology of vaccine hesitancy”, Zurich, Switzerland
- Invited talk at the opening event of the EDCP-BRCA Project funded by the Innovation Funds (“Evaluation of a decision coaching program to support risk adjusted prevention decisions by women with BRCA1/2 mutations”) on “Risk perception and communication”, Cologne, Germany
- Invited talk at the International Small Group Meeting “Social Cognition and Decision Sciences” held at the University of Tübingen on “From individual decisions to collective behavior”, Tübingen, Germany
- Invited talk at the Collective Behaviour Seminar series at the University of Konstanz on “From individual decisions to collective behavior”, Konstanz, Germany
- Invited talk at the Sanofi Pasteur Global Medical Meeting 2019 on “Perception and individual decision making in vaccination”, Lyon, France
- Invited talk and panel discussion at the Bodensee Economics Forum on “Can we trust the media in the digital age?”, Thurgauer Institute of Economics (TWI) at the University of Konstanz, Kreuzlingen, Switzerland
- Further education for physicians “Vaccinating or nor?”, organized by MSD Sharp & Dohme GmbH, Augsburg, Germany
- Invited talk for PIDS/ESPID Joint Plenary Symposium on the Future of Vaccines at the 37th Meeting of the European Society for Paediatric Infectious Diseases (ESPID) in Ljubljana, Slovenia
- Keynote, 13th Symposium on Hospital Infections in Ulm, Germany
- Workshop for physicians, organized by Biogen, Munich, Germany
- Keynote, Interpharm 2019, Stuttgart, Germany
- Invited workshops at the 21st Congress for Family Businesses, University of Witten/Herdecke, Witten, Germany
- Further education for physicians “Neuro-Focus 2019”, organized by FEO GmbH, Nuremberg, Germany
- 2018 Winter conference organized by the Institute of Management (IoM), University of Geneva, Zermatt, Switzerland

Lecture series “Science and Creativity”, University of Augsburg, Augsburg, Germany

Institute colloquium, Department of Psychology, New York University, New York, USA

Workshop for physicians, organized by Amgen, Hamburg, Germany

Industry colloquium, MSD Sharp & Dohme GmbH, Haar, Germany

Behavioral Studies Colloquium, ETH Zurich, Zurich, Switzerland

2nd European Conference on Diagnostic Error in Medicine, Bern, Switzerland

Keynote, Symposium “Risk communication in clinical practice – new ways”, Charité University Hospital, Berlin, Germany

Keynote, 11th JDMx Meeting for Early-Career Researchers 2018, Konstanz, Germany

Keynote, Medical Education Conference 2018, VUmc School of Medical Sciences, Amsterdam, The Netherlands

Keynote, 2018 Workshop on Clinical Decision Making, Göttingen, Germany

The value of vaccination, organized by WISO S.E. Consulting and Mediverbund AG, Stuttgart, Germany

Keynote, PerMediCon 2018 (Congress on personalized medicine), Cologne, Germany

Collective Behaviour Seminar, University of Konstanz, Konstanz, Germany

Keynote, Reason Spring School, Munich, Germany

Workshop for physicians, organized by Biogen, Münster, Germany

2017 Master of Medical Education Program, Bern, Switzerland

Evening speech organized by DiagnostikNet BB on the MEDICA 2017, Düsseldorf, Germany

Keynote, AMEE Conference 2017 (an international association for medical education), Helsinki, Finland

Keynote, LBS-Environment Award (Baden-Württemberg home loans and savings bank), Stuttgart, Germany

Workshop for physicians, organized by Amgen, Berlin, Germany

Keynote, Corporate Risk Minds 2017, Berlin, Germany

Colloquium of philosophy, University of Konstanz, Department of Philosophy, Konstanz, Germany

Further education for the Psychiatric-Psychological Service of the Office for the Execution of Penal Sentences and Justice, Zurich, Switzerland

Workshop for physicians, organized by Biogen, Stuttgart, Germany

Workshop for physicians, organized by Biogen, Berlin, Germany

Keynote, Bamberg Graduate School of Social Sciences, Bamberg, Germany

The Inspire2Live 2017 Annual congress, Amsterdam, The Netherlands

Keynote workshop for Teva, Cadiz, Spain

2016 Department of Medical Education, LMU Munich, Munich, Germany

Keynote lecture, PerMediCon 2016, Cologne, Germany

Symposium endokrinologikum, Hannover, Germany

Keynote lecture, “MScience, MShift”, organized by Sanofi and Genzyme, Berlin, Germany

- Keynote lecture, Controller Academy, Annual Meeting on Business Intelligence and Big Data, Munich, Germany
- Center for Psychiatry, Reichenau, Germany
- MinD Academy 2016 organized by the German Mensa University Network, Mannheim, Germany
- Workshop for physicians, organized by Amgen, Frankfurt, Germany
- Satellite symposium “Neurology meets biotech” organized by Biogen Idec at the 89th annual congress of German Society for Neurology, Mannheim, Germany
- Keynote lecture, NZW (Oncological and pharmacological congress), Munich, Germany
- Summer Institute on Bounded Rationality, Max Planck Institute for Human Development, Berlin, Germany
- Syskon midterm meeting on “Re-Configuration of health and disease. Ethical, psycho-social, legal and health-economic challenges of systems medicine”, Nuremberg, Germany
- Workshop for physicians, organized by Amgen, Hamburg, Germany
- Keynote lecture at the “Day of Teaching”, University of Tübingen, Department of Medicine, Tübingen, Germany
- Final Symposium of the National Cancer Plan on the “Communication in Medicine – A National Longitudinal Model Curriculum”, University Hospital of Heidelberg, Heidelberg, Germany
- Business Unit Meeting Risk Management, Horváth & Partner GmbH, Konstanz, Germany
- 2015 Bayer, Leverkusen, Germany
- Executive Board Seminars, Swarovsky, Zurich, Switzerland
- Rethink! SPMS 2015 – The Smart Process & Manufacturing Systems Event 2015, Berlin, Germany
- Annual Meeting of the Risk Management Association, Stuttgart, Germany
- University of Tübingen, Department of Psychology, Tübingen, Germany
- Workshop for patient organizations arranged by Celgene, Lisbon, Portugal
- University of Basel, Department of Psychology, Basel, Switzerland
- Research Group on Contextualized Decision Making, University of Mannheim, Germany
- Workshop for physicians organized by Mundipharma, Magdeburg, Germany
- Executive Board Seminars, Savings Bank Academy of Bavaria (“Sparkassenakademie Bayern”), Tegernsee, Germany
- Annual Meeting of the German Academy of Insurances (DVA), Berlin, Germany
- Workshop for physicians organized by Merck Serono, Hamburg, Germany
- Workshop of the National Cancer Plan of the Federal Ministry of Health, Berlin, Germany
- i.CONECT 360° HR Strategy Minds Conference, Berlin, Germany
- 2014 Colloquium on Empirical Social Research, University of Konstanz, Konstanz, Germany
- University of Giessen, Department of Psychology, Giessen, Germany
- Colloquium on Clinical Neuropsychology, University of Konstanz, Konstanz, Germany

ETH Zurich, Institute for Environmental Decisions (IED), Zurich, Switzerland

Keynote lecture, 44th Bavarian Anesthesia Congress, Munich, Germany

Executive Board Seminars, Savings Bank Academy of Bavaria (“Sparkassenakademie Bayern”), Tegernsee, Germany (3 times)

European Medicines Agency, London, UK

Opening lecture at the 34th Annual Meeting of the Austrian Society for Hygiene, Microbiology, and Preventive Medicine, Bad Ischl, Austria

Ludwig Maximilians University, Department of Statistics, Munich, Germany

Workshop for physicians organized by Mundipharma, Limburg, Germany

Panel discussion about “Risk and Individual” with Prof. Dr. Jörg Hacker (President of the German Academy of Sciences Leopoldina) at the Bavarian State Library, Munich, Germany

55th Annual Meeting of the German Respiratory Society, Bremen, Germany

Roundtable meeting with patient organizations, organized by Novartis, Zurich, Switzerland

Careum Congress 2014, symposium on patient empowerment through online tools, Basel, Switzerland

Workshop for physicians organized by Mundipharma, Essen, Germany

Workshop for physicians organized by Mundipharma, Settin, Germany

University Hospital Münster, Department of Neurology, Münster, Germany

Free University Berlin, Research Forum on Public Safety, Berlin, Germany

2013 Humboldt University Berlin, Department of Psychology. Berlin, Germany

University of Heidelberg, Heidelberg, Germany

“1963–2013: 50 Years of Research on Human Development.” Scientific Symposium. Max Planck Institute for Human Development, Berlin, Germany

Foundational meeting of the Society for the Advancement of Judgment and Decision-Making Studies. Keynote. Granada, Spain

Satellite symposium organized by Biogen Idec at the 86th annual congress of German Society for Neurology, Dresden, Germany

Information event “Getting a second opinion before surgery” organized by Deutsche BKK and Medexo, Humboldt University Berlin, Berlin, Germany

Hamburg Harbor symposium on “Asthma, work, stress” organized by Mundipharma, Hamburg, Germany

Swiss Public Health Conference 2013 Zurich. Keynote. Zurich, Switzerland

Summer Institute on Bounded Rationality, Max Planck Institute for Human Development, Berlin, Germany

Conference by the German Young Academy, entitled “Is freedom of choice a threat to health and sustainability? Between necessary limits and paternalism.” Speaker and co-organizer. Wissenschaftsforum Berlin, Berlin, Germany

Account Planning Group Switzerland, Zurich, Switzerland

Annual Symposium of the Committee of Educational Research Methodology of the Society

for Medical Education, Charité University Hospital, Berlin, Germany

Federal expert meeting “Violence – educational assistance – with security” by the Protestant Educational Organization (EREV), Bad Honnef, Germany

3rd Hamburg MS symposium organized by Biogen Idec, Hamburg, Germany

“MScience. MShift” Further education for physicians organized by Genzyme, Frankfurt am Main, Germany

Tillotts Scientific EU Symposium “Practical therapeutic insight into treatment of IBD”, Prague, Czech Republic

Meet the expert, Biogen Idec, Ismaning, Germany

Public Engagement in Science Study Development Group, organized by Collaborations for Leadership in Applied Health Research and Care for Birmingham & Black Country and the National Institute for Health Research, University of Birmingham, UK

Deciding – Uncertainty – Regret. Invited Panel Discussion at the 14th annual meeting of the German Network for Evidence Based Medicine

University of Granada, Department of Psychology, Granada, Spain

MS Academy: New insights in diagnosing and treating multiple sclerosis (organized by Biogen Idec), Frankfurt am Main, Germany

Conference on “Technology in the era of catastrophes”, Protestant Academy Tutzing, Germany

2012 Winton Capital Management, Oxford, UK

Psychological Forum by the Association of German Professional Psychologists, Berlin, Germany

Workshop for senior business executives on “Simple Heuristics: Making Decisions in an Uncertain Worlds”, Max Planck Institute for Human Development, Berlin, Germany

Conference on personnel development, Savings Bank Academy of Westphalia-Lippe (“Westfälisch-Lippische Sparkassenakademie”), Münster, Germany

PostECTRIMS 2012: Follow-up on the 28th Congress of the European Committee for Treatment and Research in Multiple Sclerosis (organized by Biogen Idec), Düsseldorf, Germany

Charité, Institute of Medical Psychology, Berlin, Germany

University of Magdeburg, Department of Psychology, Germany

University of Heidelberg, Department of Psychology, Germany

Conference for authorized experts organized by the Brandenburg Chamber of Engineering, Potsdam, Germany

Patient and Public Engagement Intellectual Summit, organized by Collaborations for Leadership in Applied Health Research and Care for Birmingham & Black Country and the National Institute for Health Research, University of Birmingham, UK.

Congress “10 Years of Evidence Based Practice in Belgium”, Belgian Centre for Evidence-Based Medicine, Brussels, Belgium

3rd Conference on Health, Oldenburg, Germany

Distance Training Congress of the German Federal Armed Forces, Helmut Schmidt University

/ University of the Federal Armed Forces, Hamburg, Germany
 European Association of Schools of Occupational Medicine (EASOM) Summer School 2012,
 Berlin, Germany
 Symposium "Rationality & Democracy", German Academy of Sciences Leopoldina, Halle,
 Germany
 Summer Institute on Bounded Rationality, Berlin, Germany
 10th Congress on Prenatal Medicine, Katharina Kasper Foundation, Dernbach, Germany
 Panel discussion "How do we learn for global change?", House of World Cultures, Berlin,
 Germany
 Keynote address, Rehabilitation in Multiple Sclerosis Conference, Hamburg, Germany
 Technical University Graz, Austria
 University of Lausanne, Faculty of Business and Economics (HEC), Switzerland
 German Aerospace Center (DLR), Berlin, Germany
 Conference on personnel development, Savings Bank Academy Bavaria
 ("Sparkassenakademie Bayern"), Landshut, Germany
 Further education for physicians on therapy decisions in multiple sclerosis (organized by
 Biogen Idec), Berlin, Germany
 13th Conference of the German Society for Evidence Based Medicine, Hamburg University,
 Germany
 Congress "Poverty and Health", Technical University Berlin, Germany
 Further education of physicians organized by University Hospital Zurich, Switzerland
 2011 Keynote address, European Stroke Science Workshop, Garmisch-Partenkirchen, Germany
 University of Münster, Germany
 Cross Consult, private partnership for consulting, Augsburg, Germany
 Hospitalhof Stuttgart (educational center run by the protestant church), Germany
 Conference on "Emotions and Medicine in the 20th Century", Center for the History of
 Emotions, Max Planck Institute for Human Development
 Summer Institute on Bounded Rationality, Berlin, Germany
 Conference on "Communicating Good Health: Movies, Medicine, and the Cultures of Risk in
 the Twentieth Century Movies in Medicine", Brocher Foundation, Geneva, Switzerland
 Small Group Meeting "Risk perception and communication regarding vaccination decisions
 in the age of web 2.0", University of Erfurt, Germany
 Max Planck Institute for Demographic Research, MaxNetAging, Rostock
 Volkswagen AG, Automobile Forum: „Interdisciplinary Salon“, Berlin, Germany
 Conference "Active against breast cancer", Bochum, Germany
 Forum on youth welfare and psychiatry organized by the Protestant Educational
 Organization (EREV) Erkner, Germany
 General studies program, Johannes Gutenberg University Mainz, Germany
 Lufthansa Cityline, Cologne, Germany

- 2010 Opening of the Austrian Cochrane Center, Krems, Austria
- 15th Berlin “Day of prophylaxis”, Berlin, Germany
- Lecture of Excellence, 10th congress of the German interdisciplinary Association for ICU medicine and Emergency Medicine (DIVI), Hamburg, Germany
- Information event “Using knowledge as ressource“ of the Chamber of Industry and Commerce, Frankfurt (Oder), Germany
- Forum on health care in Europe (“Spreestadt-Forum“), Berlin, Germany
- MS Trust Annual Conference 2010, Kenilworth, UK
- 14th Symposium of the Teltow Circle on “Education, Health, Future” at the Auditorium Friedrichstraße, Berlin, Germany
- Expert congress of the youth welfare offices Berlin Lichtenberg and Friedrichshain-Kreuzberg, Berlin, Germany
- Congress of the European Association for Supervision and Coaching, Benediktbeuern, Germany
- Working Group on Supervision, Hannover, Germany
- Keynote address at the Conference on Clinical Immunology at the Rhine, Cologne, Germany
- Summer Institute on Bounded Rationality, Berlin, Germany
- Council for Responsible Nutrition International, Geneva, Switzerland
- 3rd German Congress for Patient Safety in Drug Therapy, Berlin, Germany
- Catholic Academy „Die Wolfsburg“, Mülheim an der Ruhr, Germany
- Conference for executives of the Municipal Utilities Osnabrück, Melle, Germany
- University College London, UK
- Performance Think Tank “Mastering complexity”, Arnoldshain, Germany.
- Cross Consult, private partnership for consulting, Munich, Germany.
- 10th Osteoporosis Day, Hospital Dresden Friedrichstadt, Dresden, Germany.
- University Hospital Hamburg-Eppendorf, Hamburg, Germany.
- 2009 Center for Doctoral Students at the University Osnabrück, Germany
- The Royal College of Obstetricians and Gynaecologists, London, UK
- Keynote address given at 2nd Diagnostic Error in Medicine, Hollywood, USA
- Congress of the German Society for Rheumatology, Cologne, Germany
- European Forum for Evidence-based Health Promotion and Prevention, Vienna, Austria
- Erfurt University, Germany
- TOPS, registered society for coaching and organizational consulting, Berlin, Germany
- University Hospital Heidelberg, Germany
- The Hartmut Hoffmann-Berling International Graduate School of Molecular and Cellular Biology (HBIGS), Heidelberg, Germany
- Chamber of Industry and Commerce Ulm, Germany
- Philosophical Society, Bremerhaven, Germany
- Annual meeting of the Network Against Selection by Prenatal Genetic Diagnostics, Berlin,

- Germany
- 2008 Brown Medical School, Providence, USA
- Expert conference of the the Medical Service of the Health Funds Sachsen-Anhalt, Magdeburg, Germany
- Conference “3rd German Day of Pharmacovigilance”, Berlin, Germany
- Expert symposium on decision making for business and society. German Aerospace Center (DLR), Berlin, Germany
- Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ; German Technical Cooperation), Eschborn, Germany
- Bavaria Hospital, Kreischa, Germany
- Academy for Information and Communication of the German Armed Forces, Strausberg, Germany
- Conference “Involving the patient – shared decision-making in health care”, Marburg, Germany
- Academy for Science, Economy, and Technology at the University of Ulm, Germany
- Center for Ethics in Medicine, Markus-Hospital, Frankfurt am Main, Germany
- 2007 University of Zurich, Institute for Psychology, Switzerland
- and 21th Engelberg Symposium, Engelberg, Switzerland
- earlier Conference on “Communicating Risks and Benefits in Medicine“, Protestant Academy Berlin, Germany
- Further education for physicians, Hospital Dresden-Friedrichstadt, Germany
- Young Generation Spring Meeting 2006, Leibstadt, Switzerland
- 10th anniversary of the Young Generation of the Nuclear Power Engineering Society, Berlin, Germany
- Technical University Berlin, Germany

Reviewing

Editorial Board

Medical Decision Making (2012 – 2014)

Ad-hoc Reviewer for:

Acta Psychologica

Advances in Cognitive Psychology

American Journal of Political Science

Annals of Behavioral Medicine

Annual Conference of the German Network for Evidence-Based Medicine

Applied Cognitive Psychology

Behavior Research Methods

Behaviour and Information Technology

BMC Medical Informatics and Decision Making

Bundesgesundheitsblatt
Cancer Medicine
Cognition
Cognitive Science
Decision
Deutsches Ärzteblatt
Dutch Cancer Society
Emotion
European Journal of Psychological Assessment
European Conference on Artificial Intelligence (ECAI)
European Journal of Cognitive Psychology
European Journal of Social Psychology
European Psychologist
European Research Council (ERC)
Experimental Psychology
Frontiers in Eating Behavior
German Academic Scholarship Foundation (Studienstiftung des deutschen Volkes)
German National Academy of Sciences Leopoldina
German Research Foundation (DFG)
Health Psychology
Imagination, Cognition, and Psychology
International Conference on Cognitive Modeling (ICCM)
International Journal of Obesity
Journal of Applied Research in Memory and Cognition
Journal of Behavioral Decision Making
Journal of Cognitive Psychology
Journal of Comparative Psychology
Journal of Economic Psychology
Journal of Experimental Psychology: Applied
Journal of Experimental Psychology: Learning, Memory, and Cognition
Journal of Experimental Psychology: General
Journal of Gambling Studies
Journal of Health Psychology
Judgment and Decision Making
Margarete von Wrangell Habilitation Programme for Women
Medical Decision Making
Memory and Cognition
National Science Foundation (NSF)
Organizational Behavior and Human Decision Processes

Patient Education and Counseling
Proceedings of the Royal Society B
Psychological Bulletin
Psychological Review
Psychological Reports
Psychological Science
Psychonomic Bulletin and Review
Quarterly Journal of Experimental Psychology
Review of General Psychology
Risk Analysis
Social Science and Medicine
Scandinavian Journal of Psychology
Science
Scientific Reports
Sloan Foundation
Subjective Probability, Utility, and Decision Making (SPUDM) Conference
Technological Forecasting and Social Change
Thinking and Reasoning
Vaccine
Zeitschrift für Sportpsychologie

Teaching

- 2019 Social psychology I + II (Lecture)
University of Konstanz, Psychology
- Graduate School of Decision Making Colloquium (Research colloquium, with Urs Fischbacher, Susanne Goldlücke, Gerald Schneider, Susumu Shikano)
University of Konstanz, Psychology
- Psychology of decision making (Research colloquium, with Ronald Hübner)
University of Konstanz, Psychology
- The social psychology of decision making (Seminar, Lecture)
University of Konstanz, Psychology
- Project seminar decision making (Seminar)
University of Konstanz, Psychology
- 2018 Social psychology I + II (Lecture)
University of Konstanz, Psychology
- Graduate School of Decision Making Colloquium (Research colloquium, with Urs Fischbacher, Susanne Goldlücke, Gerald Schneider, Susumu Shikano)
University of Konstanz, Psychology
- Psychology of decision making (Research colloquium, with Ronald Hübner)
University of Konstanz, Psychology

- The social psychology of decision making (Seminar, Lecture)
University of Konstanz, Psychology
- 2017 Social psychology I + II (Lecture)
University of Konstanz, Psychology
- Graduate School of Decision Making Colloquium (Research colloquium, with Urs Fischbacher, Susanne Goldlücke, Gerald Schneider, Susumu Shikano)
University of Konstanz, Psychology
- Psychology of decision making (Research colloquium, with Ronald Hübner)
University of Konstanz, Psychology
- The psychology of risk (Seminar)
University of Konstanz, Psychology
- The social psychology of decision making (Seminar, Lecture)
University of Konstanz, Psychology
- 2016 Social psychology I + II (Lecture)
University of Konstanz, Psychology
- Social rationality (Seminar, with Hansjörg Neth)
University of Konstanz, Psychology
- Psychology of decision making (Research colloquium, with Ronald Hübner)
University of Konstanz, Psychology
- The psychology of risk (Seminar, with Astrid Kause)
University of Konstanz, Psychology
- The social psychology of decision making (Seminar, Lecture)
University of Konstanz, Psychology
- Dealing with statistics in medicine: From innumeracy to insight
Charité - Humboldt University Berlin, Consumer Health Care
- Intuition and evidence in medical decision making
Charité - Humboldt University Berlin, Consumer Health Care
- 2015 Social psychology I + II (Lecture)
University of Konstanz, Psychology
- Social rationality (Seminar, with Hansjörg Neth)
University of Konstanz, Psychology
- Psychology of decision making (Research colloquium, with Ronald Hübner)
University of Konstanz, Psychology
- The psychology of risk (Seminar)
University of Konstanz, Psychology
- Dealing with statistics in medicine: From innumeracy to insight
Charité - Humboldt University Berlin, Consumer Health Care
- Intuition and evidence in medical decision making
Charité - Humboldt University Berlin, Consumer Health Care
- 2014 Scientific working (Seminar, with Hansjörg Neth)
University of Konstanz, Psychology

- Social rationality (Seminar, with Hansjörg Neth)
University of Konstanz, Psychology
- Social psychology I (Lecture)
University of Konstanz, Psychology
- Empirical research II (Practical training, with Hansjoerg Neth)
University of Konstanz, Psychology
- Judgment and decision making under uncertainty: Cognitive Heuristics (Seminar)
University of Konstanz, Psychology
- Process tracing and cognitive modeling in decision research (Seminar)
University of Konstanz, Psychology
- Psychology of decision making (Research colloquium, with Ronald Hübner)
University of Konstanz, Psychology
- Dealing with statistics in medicine: From innumeracy to insight
Charité - Humboldt University Berlin, Consumer Health Care
- Intuition and evidence in medical decision making
Charité - Humboldt University Berlin, Consumer Health Care
- 2013 Cognitive illusions – reconsidered
University of Heidelberg, Psychology
- Psychology of risk perception and communication
University of Heidelberg, Master of Medical Education
- Dealing with statistics in medicine: From innumeracy to insight
Charité - Humboldt University Berlin, Consumer Health Care
- Intuition and evidence in medical decision making
Charité - Humboldt University Berlin, Consumer Health Care
- 2012 Risk communication and medical decision making
University of Heidelberg, Master of Medical Education
- Dealing with statistics in medicine: From innumeracy to insight
Charité - Humboldt University Berlin, Consumer Health Care
- Intuition and evidence in medical decision making
Charité - Humboldt University Berlin, Consumer Health Care
- Risk and society (with David Skopec)
University of Arts, Berlin, Visual Systems
- 2011 Medical decision making
University of Cologne, Master of Medical Education
- Dealing with clinical evidence in an informed way
Charité - Humboldt University Berlin, Consumer Health Care
- Intuition and evidence in medical decision making
Charité - Humboldt University Berlin, Consumer Health Care
- 2010 Dealing with clinical evidence in an informed way
Charité - Humboldt University Berlin, Consumer Health Care
- Decision making module

Charité - Humboldt University Berlin, Health Care Science

2009 Decision making and choice under uncertainty (with Mirta Galesic)
Humboldt University Berlin, Psychology

2008 Decision making module
Charité - Humboldt University Berlin, Health Care Science

2007 Judgment and decision making under uncertainty (with Benjamin Scheibehenne)
Humboldt University Berlin, Psychology

Dealing with risks (with Gerd Gigerenzer)
Humboldt University Berlin, Psychology

2006 Decision making module
Charité - Humboldt University Berlin, Health Care Science

Dealing with risks (with Gerd Gigerenzer)
Free University Berlin, Psychology

2005 The biased mind – reconsidered (with Bettina von Helversen)
Free University Berlin, Psychology

Media Coverage (Selection)

"The things we are most scared of are not the most dangerous ones"

Mladina, 20, 5/19/2019

"Podcast: Woher weißt Du das? / Psychologie: Hätte ich in der Nazizeit Widerstand geleistet?"

ZEIT-WISSEN, 4/21/2019

"Gamblers read too much into random events which leads them to make impulsive bets they are likely to lose, says study"

The Independent, 5/4/2015

(<http://www.independent.co.uk/news/science/gamblers-read-too-much-into-random-events-which-leads-them-to-make-impulsive-bets-they-are-likely-to-10224300.html>)

"Kommunikation verschärft Risikowahrnehmung. Gespräch mit Wolfgang Gaissmaier"

SWR2 Impuls, 4/27/2015

(<http://www.swr.de/swr2/programm/sendungen/impuls/swr2-impuls/-/id=1853902/did=15253198/nid=1853902/1po32yg/index.html>)

"Intuition: Was ist, wenn ich mich falsch entscheide? Interview mit Wolfgang Gaissmaier"

Zeit Campus, 11/4/2014

(<http://www.zeit.de/campus/2015/s1/intuition-entscheidung-vertrauen/komplettansicht>)

"Zwischen Statistik und Bauchgefühl: Entscheiden unter Risiko und Ungewissheit. Interview mit Wolfgang Gaissmaier"

Forschung & Lehre 4/2014

(<http://www.forschung-und-lehre.de/wordpress/>)

"The educator. Wolfgang Gaissmaier studies decisions. He knows when intuitions fail – and where science reaches its limits"

Junge Akademie Magazin, English Edition, 16, 08/2013

(http://www.diejungeakademie.de/fileadmin/user_upload/Dokumente/Publikationen_Magazin/JA_Magazin_16_English.pdf)

"Assessing risk – Wolfgang Gaissmaier on his analysis of the increase in fatal car accidents in the USA following the 9/11 attacks"

BBC World Service, Health Check, 09/05/2012

(<http://www.bbc.co.uk/programmes/p00xh32n>)

"Die Tragödie der Gruppenentscheidung – Symposium über die Rationalität demokratischer Entscheidungen"

Deutschlandfunk, 07/26/2012

(<http://www.dradio.de/dlf/sendungen/studiozeit-ks/1822744/>)

"Warum die Krebsfrüherkennung überschätzt wird"

Spiegel Online, 05/23/2012

(<http://www.spiegel.de/wissenschaft/medizin/warum-die-krebs-frueherkennung-ueberschaetzt-wird-a-834680.html>)

"Why People Stick with Cancer Screening, Even When It Causes Harm"

TIME, 05/25/2012

(<http://healthland.time.com/2012/05/25/why-people-cling-to-cancer-screening-and-other-questionable-medical-interventions-even-when-they-cause-harm/>)

"Risikoverhalten im Gesundheitsbereich"

radioeins vom rbb, 03/24/2012

(http://www.radioeins.de/programm/sendungen/die_profis/archivierte_sendungen/beitraege/risikoverhalten_im.html)

"Most U.S. doctors baffled by cancer screening stats"

Reuters, 03/05/2012

(<http://www.reuters.com/article/2012/03/05/us-doctors-screening-idUSTRE8241TA20120305>)

"Many Primary-Care Docs Don't Understand Cancer-Screening Stats: Study"

The Wall Street Journal, 03/05/2012

(<http://blogs.wsj.com/health/2012/03/05/many-primary-care-docs-dont-understand-cancer-screening-stats-study/>)

"BSE, Schweinegrippe und jetzt EHEC"

radioeins vom rbb, 05/26/2011

(<http://www.harding-center.de/aktuelles/bse-schweinegrippe-und-jetzt-ehec>)

"ZEIT-Forum der Wissenschaft: Krise oder Hysterie?"

Deutschlandfunk 05/14/2010

(<http://www.dradio.de/dlf/sendungen/kulturgespraech/1187446/>)

"Nur der Tod ist sicher – Theorie und Praxis der Risikoabwägung"

Posters and Presentations (Selection)

- Tiede, K. E., Ripke, F., Degen, N., & **Gaissmaier, W.** (2019). When does the incremental risk format aid informed medical decisions? The role of learning, feedback, and number of treatment options. Paper presented at the 41st Annual Meeting of the Society for Medical Decision Making, Portland, USA.
- Gaissmaier, W.** & Garcia-Retamero, R. (2018). The lure of beauty: People select representations of statistical information based on attractiveness, not comprehensibility. Poster presented at the 39th Annual Meeting of the Society for Judgment and Decision Making, New Orleans, USA.
- Kause, A., Townsend, T., & **Gaissmaier, W.** (2017). Framing climate uncertainty: Frame choices reveal and influence climate change beliefs. Paper presented at the 59th Conference of Experimental Psychologists (TeaP), Dresden, Germany.
- Gaissmaier, W.** (2016). Making good decisions under uncertainty: What can psychology contribute? Paper and panel discussion at the 50th Congress of the German Psychological Society (DGPs), Leipzig, Germany.
- Gaissmaier, W.**, Gigerenzer, G., & Wegwarth, O. (2016). Simple tools to facilitate informed decisions about cancer screening: A randomized controlled trial. Paper presented at the 50th Congress of the German Psychological Society (DGPs), Leipzig, Germany.
- Moussaid, M., Brighton, H., & **Gaissmaier, W.** (2016). The amplification of risk in experimental diffusion chains. Paper presented at the 58th Conference of Experimental Psychologists (TeaP), Heidelberg, Germany.
- Hautz, W. E., Kämmer, J. E., Schaubert, S. K., Spies, C. D., & **Gaissmaier, W.** (2015). Diagnostic performance by medical students working individually or in teams. Paper presented at the 36th Annual Meeting of the Society for Judgment and Decision Making, Chicago, USA.
- Gaissmaier, W.** (2014). Dealing with risk as an educational challenge: An important task for psychology. Paper presented at the 49th Congress of the German Psychological Society (DGPs), Bochum, Germany.
- Kämmer, J. E., Blaum, W. E., Schaubert, S. K. & **Gaissmaier, W.** (2014). Effects of collaboration on the diagnostic decision making process and outcome in emergency care. Paper presented at the 49th Congress of the German Psychological Society (DGPs), Bochum, Germany.
- Gaissmaier, W.**, & Gigerenzer, G. (2013). *9/11, Act II: A Fine-grained Analysis of Regional Variations in Traffic Fatalities in the Aftermath of the Terrorist Attacks*. Paper presented at the 24th Biennial Conference on Subjective Probability, Utility and Decision Making, Barcelona, Spain.
- Gaissmaier, W.**, & Garcia-Retamero, R. (2013). *The Lure of Beauty: People Choose Representations of Statistical Information Based on Attractiveness, not Comprehensibility*. Paper presented at the 24th Biennial Conference on Subjective Probability, Utility and Decision Making, Barcelona, Spain.
- Gaissmaier, W.** (2013). *Numbers can be worth a thousand pictures: The importance of individual differences in understanding graphical and numerical representations of health information*. Paper presented at the 55th Conference of Experimental Psychologists (TeaP), Vienna, Austria.
- Gaissmaier, W.**, & Gigerenzer, G. (2012). *9/11, Act II: A Fine-grained Analysis of Regional Variations in Traffic Fatalities in the Aftermath of the Terrorist Attacks*. Poster presented at the 33rd Annual Meeting of the Society for Judgment and Decision Making, Minneapolis, USA.
- Gaissmaier, W.** (2012). *Eine Zahl kann mehr sagen als tausend Bilder: Die Bedeutsamkeit individueller Unterschiede beim Verstehen von Gesundheitsinformationen*. Paper presented at the 48th Congress of the German Psychological Society (DGPs), Bielefeld, Germany.
- Gaissmaier, W.** & Schooler, L. J. (2011). *Probability matching reconsidered: A theoretical framework that reconciles puzzling evidence*. Poster presented at the 32nd Annual Meeting of the Society for Judgment and Decision Making, Seattle, USA.
- Gaissmaier, W.** (2011). *(Miss-)Verständnis von Nutzen und Risiken in der Medizin im Internetzeitalter*. Kongress für Gesundheitspsychologie 2011, Berlin, Germany.
- Gaissmaier, W.**, & Schooler, L. J. (2011). *Probability matching reconsidered from an ecological perspective*. Paper presented at the 23rd Biennial Conference on Subjective Probability, Utility and Decision Making, Kingston upon Thames, UK.

- Gaissmaier, W.,** Wegwarth, O., Skopec, D., Müller, A.-S., Broschinski, S., & Politi, M. C. (2011). *Different people benefit from different representations of risk*. Paper presented at the 23rd Biennial Conference on Subjective Probability, Utility and Decision Making, Kingston upon Thames, UK.
- Gaissmaier, W.,** & Wegwarth, O. (2010). *Numbers can be worth a thousand pictures: The importance of individual differences in deciding how to communicate risks to whom*. Poster presented at the 31st Annual Meeting of the Society for Judgment and Decision Making, St. Louis, USA.
- Gaissmaier, W.** (2010). *Simple models for a complex world: The intelligence of heuristics*. Paper presented at the Conference "Challenging Models in the Face of Uncertainty", Cambridge, UK.
- Gaissmaier, W.** (2010). *Begrenzt rational und dennoch erfolgversprechend: Heuristiken in der medizinischen Entscheidungsfindung*. Paper presented at the 47th Kongress der Deutschen Gesellschaft für Psychologie, Bremen, Germany.
- Gaissmaier, W.,** Schooler, L. J., & Marewski, J. N. (2009). *The ecological rationality of betting on speed of retrieval in memory-based decision making*. Poster presented at the 30th Annual Meeting of the Society for Judgment and Decision Making, Boston, USA.
- Gaissmaier, W.** (2009). *How research on fast and frugal heuristics could help doctors and patients to make better decisions*. Paper presented at the 31st Annual Meeting of the Society for Medical Decision Making, Hollywood, USA.
- Gaissmaier, W.** (2009). *How is the public informed about the benefits and risks of medical treatments?* Paper presented at the World Health Summit 2009, Berlin, Germany.
- Gaissmaier, W.,** & Galesic, M. (2009). *Differences in advice taking: Effects of culture, domain, and decision consequences*. Paper presented at the 5th International Shared Decision Making Conference, Boston, USA.
- Gaissmaier, W.** & Schooler, L. J. (2009). *The smart potential behind probability matching*. Paper presented at the 22nd Biennial Conference on Subjective Probability, Utility and Decision Making, Rovereto, Italy.
- Gaissmaier, W.,** & Marewski, J. N. (2008). *Ignorance-based election forecasts*. Paper presented at the 24th Annual Meeting of the Brunswik Society, Chicago, USA.
- Gaissmaier, W.,** & Schooler, L. J. (2008). *The smart potential behind probability matching*. Paper presented at the 29th Annual Meeting of the Society for Judgment and Decision Making, Chicago, USA.
- Gaissmaier, W.,** & Schooler, L. J. (2007). *Probability matching reconsidered*. Paper presented at the 23rd Annual Meeting of the Brunswik Society, Long Beach, USA.
- Gaissmaier, W.,** & Tontrup, S. (2007). *The comparative advantage of procedural legitimacy in social dilemmas*. Paper presented at the 28th Annual Meeting of the Society for Judgment and Decision Making, Long Beach, USA.
- Gaissmaier, W.,** Bröder, A., Schooler, L. J., & Marewski, J. N. (2007). *Successfully betting on speed of retrieval in memory-based decision making*. Poster presented at the 10th Congress of the Swiss Society of Psychology, Zurich, Switzerland.
- Gaissmaier, W.,** Bröder, A., Schooler, L. J., & Marewski, J. N. (2007). *An ecological approach to ordering information in memory-based decision making*. Poster presented at the 21st Biennial Conference on Subjective Probability, Utility and Decision Making, Warsaw, Poland.
- Gaissmaier, W.,** Bröder, A., Schooler, L. J., & Marewski, J. N. (2007). *Die ökologische Rationalität der "Verfügbarkeit" von Informationen bei gedächtnisbasierten Entscheidungen*. In K.F. Wender, S. Mecklenbräuker, G.D. Rey, T. Wehr (Eds.), Beiträge zur 49. Tagung experimentell arbeitender Psychologen. Lengerich: Pabst Science Publishers.
- Gaissmaier, W.,** & Schooler, L. J. (2006). *People don't vote for competent appearance, but think that others do*. Poster presented at the 27th Annual Meeting of the Society for Judgment and Decision Making, Houston, USA.
- Gaissmaier, W.,** Bröder, A., & Schooler, L. J. (2006). *A cue-based approach to intuition*. Paper presented at the 22nd Annual Meeting of the Brunswik Society, Houston, USA.
- Gaissmaier, W.,** Schooler, L. J., & Rieskamp, R. (2005). *Memory-related differences in a correlation detection task in ACT-R*. Poster presented at the 27th Annual Conference of the Cognitive Science Society, Stresa, Italy.
- Gaissmaier, W.,** Schooler, L. J., & Rieskamp, R. (2005). *Working memory capacity and strategy selection in covariation detection*. Paper presented at the 9th European Conference of Psychology, Granada, Spain.
- Gaissmaier, W.,** Schooler, L. J., & Rieskamp, R. (2005). *Short-term memory and predictive behavior in*

- covariation detection*. Paper presented at the 20th Biennial Conference on Subjective Probability, Utility and Decision Making, Stockholm, Sweden.
- Gaissmaier, W.**, Schooler, L. J., & Rieskamp, R. (2005). *Einfacher kann besser sein: Arbeitsgedächtniskapazität und Unterschiede in Strategien bei der Vorhersage probabilistischer Ereignisse*. In Lange, K. W., Bäuml, K. - H., Greenlee, M. W., Hammerl, M., & Zimmer, A. (Eds.), *Beiträge zur 47. Tagung experimentell arbeitender Psychologen*. Lengerich: Pabst Science Publishers.
- Gaissmaier, W.**, Schooler, L. J., & Rieskamp, J. (2004). *Lernen von Zusammenhängen in einer dynamischen Umwelt*. In T. Rammsayer, S. Grabianowski & S. Troche (Eds.). *44. Kongress der Deutschen Gesellschaft für Psychologie: 100 Jahre Deutsche Gesellschaft für Psychologie*, 182. Lengerich: Pabst Science Publishers.
- Gaissmaier, W.**, Schooler, L. J., & Rieskamp, R. (2004). *Wie kann der Zusammenhang zwischen Gedächtniskapazität und Kovariationslernen erklärt werden?* In D. Kerzel, V. Franz & K. Gegenfurtner (Eds.), *Beiträge zur 46. Tagung experimentell arbeitender Psychologen*, 84. Lengerich: Pabst Science Publishers.
- Gaissmaier, W.** (2004). *Learning and strategy selection in probabilistic environments*. In C. D. Schunn, M. C. Lovett, C. Lebiere & P. Munro (Eds.), *Proceedings of the Sixth International Conference on Cognitive Modeling*, 406-407. Mahwah, NJ: Lawrence Erlbaum.
- Gaissmaier, W.**, Schooler, L. J., & Rieskamp, J. (2004). *A critique of the small sample account of covariation detection*. In K. Forbus, D. Gentner, & T. Regier (Eds.), *Proceedings of the 26th Annual Conference of the Cognitive Science Society*, 1560. Mahwah, NJ: Erlbaum.
- Gaissmaier, W.**, Schooler, L. J., & Rieskamp, R. (2003). *A challenge for the narrow memory window theory of covariation detection*. *Abstracts of the Psychonomic Society*, 8.
- Gaissmaier, W.**, Tamm, S., & Bösel, R. (2002). *Memory requirements in motor learning*. Poster presented at the 43rd Kongress der Deutschen Gesellschaft für Psychologie, Berlin, Germany.