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Bauer, E., Fischer, F., Kiesewetter, J., Shaffer, D. W., Fischer, M. R., Zottmann, J. M., & Sailer, M. (2020). Diagnostic activities and diagnostic practices in Medical Education and Teacher Education: An interdisciplinary comparison. *Frontiers in Psychology, 11*. doi: 10.3389/fpsyg.2020.562665

Berndt, M., Schmidt, F. M., Sailer, M., Fischer, F., Fischer, M. R., & Zottmann, J. M. (2021). Investigating statistical literacy and scientific reasoning & argumentation in medical-, social sciences-, and economics students. *Learning and Individual Differences*, *86*(1). doi: 10.1016/j.lindif.2020.101963

Braun, L. T., Zottmann, J. M., Adolf, C., Lottspeich, C., Then, C., Wirth, S., Fischer, M. R., & Schmidmaier, R. (2017). Representation scaffolds improve diagnostic efficiency in medical students. *Medical Education*, *51*(11), 1118-1126. doi: 10.1111/medu.13355

Goeze, A., Zottmann, J. M., Vogel, F., Fischer, F., & Schrader, J. (2014). Getting immersed in teacher and student perspectives? Facilitating analytical competence using video cases in teacher education. *Instructional Science, 42*(1), 91-114. doi: 10.1007/s11251-013-9304-3

Gross, B., Rusin, L., Kiesewetter, J., Zottmann, J. M., Fischer, M. R., Prückner, S., & Zech, A. (2019). Crew Resource Management training in healthcare: A systematic review of intervention design, training conditions and evaluation. *BMJ Open*, *9*(2). doi: 10.1136/bmjopen-2018-025247

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Zottmann, J. M., Horrer, A., Chouchane, A., Huber, J., Heuser, S., Iwaki, L., Kowalski, C., Gartmeier, M., Berberat, P. O., Fischer, M. R., & Weidenbusch, M. (2020). Isn't here just there without a "t" - to what extent can digital clinical case discussions compensate for the absence of face-to-face teaching? *GMS Journal for Medical Education*, *37*(7). doi: 10.3205/zma001392

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Gallardo-Echenique, E., Bullen, M., Zottmann, J., & Anchapuri, M. (2019). Use of digital technologies in the Andean region. In L. Gómez Chova, A. López Martínez, & I. Candel Torres (Eds.), *Proceedings of the 11th International Conference on Education and New Learning Technologies (EDULEARN) 2019* (pp. 4450-4455). Palma: IATED.

Goeze, A., Schrader, J., Hartz, S., Zottmann, J., & Fischer, F. (2010). Case-based learning with digital videos: Does it promote the professional development of teachers and trainers in adult education? In R. Egetenmeyer, & E. Nuissl (Eds.), *Teachers and Trainers in Adult and Lifelong Learning. European and Asian Perspectives* (pp. 187-198). Frankfurt: Peter Lang.

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Stegmann, K., Kollar, I., Zottmann, J., Gijlers, H., de Jong, T., Dillenbourg, P., Slotta, J. D., & Fischer, F. (2007). Towards the Convergence of CSCL and Inquiry Learning: Scripting Collaborative Inquiry Learning. In C. Chinn, G. Erkens, & S. Puntambekar (Eds.), *Mice, Minds, and Society. Proceedings of the International Conference on Computer Supported Collaborative Learning (CSCL) 2007* (pp. 829-830). New Brunswick, NJ: ISLS.

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Books

Mäkitalo-Siegl, K., Zottmann, J., Kaplan, F., & Fischer, F. (Eds.)(2010). *Classroom of the future. Orchestrating collaborative spaces.* Rotterdam: Sense.

Chapters in Edited Books

Fischer, F., Kollar, I., Stegmann, K., Wecker, C., Zottmann, J., & Weinberger, A. (2013). Collaboration Scripts in Computer-Supported Collaborative Learning. In C. Hmelo-Silver, C. Chinn, C. Chan, & A. O'Donnell (Eds.). *International Handbook of Collaborative Learning* (pp. 403-419). New York: Routledge.

Luengo, V., Aboulafia, A., Blavier, A., Shorten, G., Vadcard, L., & Zottmann, J. (2009). Novel technology for learning in medicine. In N. Balacheff, S. Ludvigsen, T. de Jong, A. Lazonder, & S. Barnes (Eds.). *Technology-enhanced learning: Principles and products* (pp. 105-120). Dordrecht: Springer.

Mäkitalo-Siegl, K., Zottmann, J., Kaplan, F., & Fischer, F. (2010). The Classroom of the Future - An Introduction. In K. Mäkitalo-Siegl, J. Zottmann, F. Kaplan, & F. Fischer (Eds.), *Classroom of the future. Orchestrating collaborative spaces* (pp. 1-12). Rotterdam: Sense.

Ouellette, D. L., Zottmann, J., Bolzer, M., Fischer, F., & Fischer, M. R. (2017). Investigating the Interplay of Epistemological Beliefs and Scientific Reasoning and Argumentation. In H. Laitko, H. A. Mieg, & H. Parthey (Eds.), *Forschendes Lernen: Wissenschaftsforschung Jahrbuch 2016* (pp. 137-151). Berlin: Wissenschaftlicher Verlag Berlin.

Wecker, C., Zottmann, J., & Fischer, F. (2008). Kooperationsskripts für das kooperative Lernen in der Hochschule. In J. Zumbach, & H. Mandl (Eds.), *Pädagogische Psychologie in Theorie und Praxis. Ein fallbasiertes Lehrbuch* (pp. 321-331). Göttingen: Hogrefe.

Conference Presentations and Talks

Berndt, M., Gruber, C., Zottmann, J., Zimmermann, H., Ertl-Wagner, B., & Fischer, M. R. (2017, March). *Influence of patient portraits on the quality of interpretation of radiographic images and physician-patient relationship: An eye tracking study.* Paper presented at the 5th International Conference for Research in Medical Education (RIME), Düsseldorf, Germany.

Berndt, M., Schmidt, F. M., Sailer, M., Fischer, F., Fischer, M. R., & Zottmann, J. (2018, March). *Investigating Scientific Reasoning & Argumentation and Statistical Literacy in Higher Education: The Role of Domain and Study Progress.* Paper presented at the Conference on Learning through Inquiry in Higher Education (INHERE), Munich, Germany.

Berndt, M., Schmidt, F. M., Zottmann, J., Sailer, M., & Fischer, M. R. (2020, January). *Development of Statistical Literacy and Scientific Reasoning & Argumentation Skills in Medical Doctors.* Paper presented at the Asia Pacific Medical Education Conference (APMEC), Singapore, Singapore.

Berndt, M., Schmidt, F. M., Zottmann, J., Sailer, M., & Fischer, M. R. (2020, February / March). *Development of Statistical Literacy and Scientific Reasoning & Argumentation Skills in Medical Doctors.* Paper presented at the Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions, Kuala Lumpur, Malaysia.

Bozic, U., Pudritz, Y., Zottmann, J., Wershofen, B., & Fischer, M. R. (2021, Mai). *Münchner Interprofessionelle Ausbildungsstation (MIPA) - Einbindung von Apothekern.* Paper presented at the 46. Wissenschaftlicher Kongress des Bundesverbands Deutscher Krankenhausapotheker (ADKA). Berlin, Germany.

Bozic, U., Pudritz, Y., Zottmann, J., Wershofen, B., & Fischer, M. R. (2021, September). *The Interprofessional Training Ward in Munich (MIPA).* Paper presented at the

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Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Zurich, Switzerland.

Braun, L. T., Zottmann, J., Adolf, C., Lottspeich, C., Then, C., Wirth, S., Fischer, M. R., & Schmidmaier, R. (2017, March). *Case representation scaffolds improve diagnostic efficiency in 4th-5th year students: A randomized controlled laboratory study*. Paper presented at the 5th International Conference for Research in Medical Education (RIME), Düsseldorf, Germany.

Braun, L. T., Zottmann, J., Adolf, C., Lottspeich, C., Then, C., Wirth, S., Fischer, M. R., & Schmidmaier, R. (2017, September). *Verbesserung der Diagnoseeffizienz bei Medizinstudierenden durch Repräsentation: Ergebnisse einer randomisierten Studie*. Paper presented at the Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Münster, Germany.

Froschmeier, T., Stegmann, K., Zottmann, J., & Mäkitalo-Siegl, K. (2013, August). *Instructional support for vicarious learning in teacher education*. Paper presented at the 15th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Munich, Germany.

Gallardo-Echenique, E., Bullen, M. & Zottmann, J. (2020, March). *Social and academic use of digital technologies in the Central Andes of Peru*. Paper presented at the 14th Annual International Technology, Education and Development Conference (INTED), Valencia, Spain.

Gallardo-Echenique, E., Bullen, M., Zottmann, J., & Anchapuri, M. (2019, July). *Use of digital technologies in the Andean region*. Paper presented at the 11th International Conference on Education and New Learning Technologies (EDULEARN), Palma, Spain.

Goeze, A., Schrader, J., Hartz, S., Zottmann, J., & Fischer, F. (2009, June). *Case-based learning with digital videos: Does it promote the professional development of teachers and trainers in adult education?* Paper presented at the International Conference on Teachers and Trainers in Adult Education and Lifelong Learning, Bergisch Gladbach, Germany.

Goeze, A., Zottmann, J., Schrader, J., & Fischer, F. (2009, September). *Kompetenz zur Diagnose von Lehr-Lernsituationen - Messung und Bedingungen ihrer Förderung*. Paper presented at the 4. Göttinger Fachtagung des Zentrums für empirische Unterrichts- und Schulforschung (ZEUS), Göttingen, Germany.

Goeze, A., Zottmann, J., Schrader, J., & Fischer, F. (2010, March). *Instructional support for case-based learning with digital videos: Fostering pre-service teachers' acquisition of the competency to diagnose pedagogical situations*. Paper presented at the Conference of the Society for Information Technology & Teacher Education (SITE), San Diego, CA, USA.

Goeze, A., Zottmann, J., Schrader, J., Fischer, F., & Hartz, S. (2009, March). *Förderung und Erfassung der Kompetenz zur Diagnose von Lehr-Lernsituationen mit Hilfe von computerunterstützten Lernumgebungen*. Paper presented at the 72. Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Landau, Germany.

Goeze, A., Zottmann, J., Schrader, J., Fischer, F., & Hartz, S. (2009, September). *Case-based Learning mit digitalen Videos: Die Effekte unterschiedlicher instruktionaler Unterstützung auf Wissens- und Kompetenzerwerb bei Lehrenden in Schule und*

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Erwachsenenbildung. Paper presented at the 12. Fachtagung Pädagogische Psychologie (PAEPS) der Deutschen Gesellschaft für Psychologie, Saarbrücken, Germany.

Gross, B., Rusin, L., Zottmann, J., Kiesewetter, J., Fischer, M. R., Prückner, S., & Zech, A. (2017, March). *What does CRM training in medicine mean? A systematic review.* Paper presented at the 5th International Conference for Research in Medical Education (RIME), Düsseldorf, Germany.

Gruber, C., Zimmermann, H., Zottmann, J., Ertl-Wagner, B., Fischer, M. R., & Berndt, M. (2017, September). *Der Einfluss von Patientenportraitaufnahmen auf den Patientenbezug, das Blickverhalten und die Befundqualität von Röntgenaufnahmen bei Radiologen mit unterschiedlichem Expertisegrad*. Paper presented at the Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Münster, Germany.

Gruber, C., Zimmermann, H., Zottmann, J., Ertl-Wagner, B., Fischer, M. R., & Berndt, M. (2018, September). *Der Einfluss von Patientenportraitaufnahmen und Expertisegrad auf den Patientenbezug, das Blickverhalten und die Befundqualität bei der Röntgenthoraxbefundung*. Paper presented at the 51. Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Frankfurt, Germany.

Gruber, C., Zottmann, J., Zimmermann, H., Ertl-Wagner, B., Fischer, M. R., & Berndt, M. (2017, August). *Can patient portraits increase the quality of interpretation of radiographic images and physician-patient relationship? An eye tracking study*. Paper presented at the Conference of the Association for Medical Education in Europe (AMEE), Helsinki, Finland.

Horrer, A., Heuser, S., Lenzer, B., Sailer, M., Sailer, M., Fischer, F., Fischer, M. R. & Zottmann, J. (2019, September). *Fallbasierte Gruppendiskussionen zur Förderung des wissenschaftlichen Denkens und Argumentierens Studierender im Medizin- und Lehramtsstudium*. Paper presented at the 84. Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Münster, Germany.

Horrer, A., Thewes, R., Bringenberg, M., Sailer, M., Fischer, M. R., Weidenbusch, M., & Zottmann, J. (2021, September). *Digitale Clinical Case Discussions – Analyse und Förderung klinischer Entscheidungsfindungskompetenz von Medizinstudierenden im Kontext von Online-Falldiskussionen*. Paper presented at the Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Zurich, Switzerland.

Kiesewetter, J., Jung, V., Sailer, M., Schönberger R., Bauer, E., Zottmann, J., Hege, I., Fischer, F., & Fischer, M. R. (2018, August). *Fostering diagnostic competence with whole cases vs. serial cue cases: Effects on learning process and outcomes*. Paper presented at the Conference of the Association for Medical Education in Europe (AMEE), Basel, Switzerland.

Lenzer, B., Ghanem, C., Weidenbusch, M., Fischer, M. R., & Zottmann, J. (2017, March). *Scientific Reasoning in Medical Education: A Novel Approach for the Analysis of Epistemic Activities in Clinical Case Discussions*. Paper presented at the 5th International Conference for Research in Medical Education (RIME), Düsseldorf, Germany.

Lenzer, B., Ghanem, C., Weidenbusch, M., Fischer, M. R., & Zottmann, J. (2017, August). *Scientific Reasoning in Medical Education: A Novel Approach for the Analysis of*

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Mäkitalo-Siegl, K., Froschmeier, T., Zottmann, J., & Stegmann, K. (2012, November). *Learn how to teach sport through observation.* Paper presented at the 5th Conference of the European Association for Practitioner Research on Improving Learning (EAPRIL), Jyväskylä, Finland.

Ouellette, D. L., Dudko, Y., Zottmann, J., Berndt, M., Fischer, F., & Fischer, M. R. (2017, March). *The Role of Epistemic Beliefs in Clinical Reasoning: Preliminary Results of a Systematic Literature Review.* Paper presented at the 5th International Conference for Research in Medical Education (RIME), Düsseldorf, Germany.

Pfeiffer, J., Meyer, C. M., Schulz, C., Kiesewetter, J., Zottmann, J., Sailer, M., Bauer, E., Fischer, F., Fischer, M. R., & Gurevych, I. (2019, November). *FAMULUS: Interactive Annotation and Feedback Generation for Teaching Diagnostic Reasoning.* Paper presented at the Conference on Empirical Methods in Natural Language Processing (EMNLP), Hong Kong, China.

Rusin, L., Gross, B., Zech, A., Zottmann, J., Kiesewetter, J., Prückner, S., & Fischer, M. R. (2017, March). *TeamCheck - Transferring cockpit practices to healthcare teams.* Paper presented at the 5th International Conference for Research in Medical Education (RIME), Düsseldorf, Germany.

Schmidt, F. M., Berndt, M., Sailer, M., Fischer, F., Fischer, M. R., & Zottmann, J. (2017, September). *Zur Erfassung von Statistical Literacy als Schlüsselqualifikation Medizin- und Pädagogikstudierender.* Paper presented at the 82. Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Tübingen, Germany.

Schmidt, F. M., Zottmann, J., Sailer, M., Fischer, M. R., & Berndt, M. (2019, August). *Development of Statistical Literacy and Scientific Reasoning & Argumentation Skills in Medical Doctors.* Paper presented at the Conference of the Association for Medical Education in Europe (AMEE), Vienna, Austria.

Stegmann, K., Zottmann, J., Weinberger, A., & Fischer, F. (2009, August). *How do learners affect each other in online discussion? - A multi-level analysis.* Paper presented at the 13th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Amsterdam, The Netherlands.

Vogel, F., Zottmann, J., Goeze, A., Fischer, F., & Schrader, J. (2010, September). *Effekte von Hyperlinks zu theoretischen Modellen und multiplen Perspektiven auf Immersions- und Zerfaserungsprozesse beim computerunterstützten fallbasierten Lernen.* Paper presented at the 74. Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Jena, Germany.

Weidenbusch, M., Lenzer, B., Zottmann, J., & Fischer, M. R. (2018, September). *Clinical Case Discussions zur Vermittlung klinischer Entscheidungsfindungs-kompetenz - Effekte Fall- und Lerner-spezifischer Faktoren auf den Lernerfolg bei Studierenden.* Paper presented at der Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Vienna, Austria.

Witti, M., Hartmann, D., Heuser, S., Wershofen, B., Fischer, M. R., & Zottmann, J. (2021, September). *FINKO ONLINE - ein digitales Lehrformat zur Förderung interprofessioneller Kommunikation.* Paper presented at der Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Zurich, Switzerland.

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Zottmann, J. (2006, September). *Die meiste Zeit wird zugeschaut - Kooperationsskripts für die effektive Nutzung von Beobachtungsphasen in Simulatorkursen.* Paper presented at the 4. Interdisziplinäres Symposium Simulation in der Medizin (InSiM), Tübingen, Germany.

Zottmann, J., Dieckmann, P., Fischer, F., & Rall, M. (2008, June). *Learning with full-scale simulations: Effects of a collaboration script for observers.* Paper presented at the 8th International Conference of the Learning Sciences (ICLS), Utrecht, The Netherlands.

Zottmann, J., Dieckmann, P., Fischer, F., & Rall, M. (2009, August). *Just watching is not enough: Fostering observational learning in a full-scale simulator training in Medical Education with a collaboration script.* Paper presented at the 13th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Amsterdam, The Netherlands.

Zottmann, J., Dieckmann, P., Rall, M., & Fischer, F. (2009, April). *Learning with full-scale simulations in medicine: Effects of a collaboration script for observers on elaboration, collaboration, and learning outcomes.* Paper presented at the Annual Meeting of the American Educational Research Association (AERA), San Diego, CA, USA.

Zottmann, J., Dieckmann, P., Rall, M., Fischer, F., & Taraszow, T. (2006, June). *Fostering Simulation-based Learning in Medical Education with Collaboration Scripts.* Paper presented at the 12th Annual Meeting of the Society in Europe for Simulation Applied to Medicine (SESAM), Porto, Portugal.

Zottmann, J., Dieckmann, P., Rall, M., Fischer, F., & Taraszow, T. (2006, September). *Kooperationsskripts zur Förderung Simulations-basierten Lernens in der Medizin: Ergebnisse einer Pilotstudie im Tübinger Patienten-Sicherheits- und Simulations-Zentrum.* Paper presented at the 68. Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Munich, Germany.

Zottmann, J., Goeze, A., Fischer, F., & Schrader, J. (2010, August). *Facilitating the Analytical Competency of Pre-Service Teachers with Digital Video Cases: Effects of Hyperlinks to Conceptual Knowledge and Multiple Perspectives.* Paper presented at the EARLI SIG 6 & 7 Conference 2010, Ulm, Germany. [won best paper award]

Zottmann, J., Goeze, A., Fischer, F., & Schrader, J. (2011, August / September). Enhancing Computer-Supported Case-Based Learning for Pre-Service Teachers - A Matter of Perspective? Paper presented at the *14th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI)*, Exeter, United Kingdom.

Zottmann, J., Goeze, A., Fischer, F., Schrader, J., & Hartz, S. (2009, March). Förderung diagnostischer Kompetenz mit Videofällen: Effekte von multiplen Perspektiven bei Lehrenden mit unterschiedlichem Vorwissen. Paper presented at the *72. Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF)*, Landau, Germany.

Zottmann, J., Goeze, A., Fischer, F., Schrader, J., & Hartz, S. (2009, August). *Fostering analytical competency with video cases in computer-supported learning environments: Effects of multiple perspectives and prior knowledge in the context of teacher education.* Paper presented at the 13th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Amsterdam, The Netherlands.

Zottmann, J., Gross, B., Rusin, L., Kiesewetter, J., Fischer, M. R., Prückner, S., & Zech, A. (2017, September). *Ein Begriff - viele Bedeutungen. Was genau sind eigentlich CRM Trainings in der Medizin? Ergebnisse eines systematischen Literatur-Reviews*. Paper presented at the Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Münster, Germany.

Zottmann, J., Stegmann, K., Vogel, F., Wecker, C., & Fischer, F. (2011, August). *Investigating Knowledge Convergence in Computer-Supported Collaborative Learning with Video Cases*. Paper presented at the 14th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Exeter, United Kingdom.

Zottmann, J., Vogel, F., Stegmann, K., Wecker, C., & Fischer, F. (2011, September). *Wissenskonvergenz beim computerunterstützten kooperativen Lernen mit digitalen Videofällen*. Paper presented at the 76. Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Klagenfurt, Austria.

Poster Presentations

Berndt, M., Schmidt, F. M., Sailer, M., Fischer, F., Fischer, M. R., & Zottmann, J. (2018, November). *Statistical Literacy and Scientific Reasoning & Argumentation as cross-domain key qualifications*. Poster session presented at the Annual AAMC Meeting Learn Serve Lead (LSL), Austin, TX, USA.

Bozic, U., Witti, M., Zottmann, J., Fischer, M. R., & Pudritz, Y. (2021, November). *Entrustable professional activities (EPA) für klinische Tätigkeiten von Pharmaziestudierenden und Pharmazeut*innen im Praktikum*. Paper presented at the Jahrestagung der Deutschen Gesellschaft für Klinische Pharmazie (DGKPha).

Braun, L. T., Zottmann, J., Wirth, S., Fischer, M. R., & Schmidmaier, R. (2017, August). *Case representation scaffolds improve diagnostic efficiency in 4th-5th year students: A randomized controlled laboratory study*. Poster session presented at the Conference of the Association for Medical Education in Europe (AMEE), Helsinki, Finland.

Braun, L. T., Zottmann, J., Wirth, S., Fischer, M. R., & Schmidmaier, R. (2018, March). *Case representation scaffolds improve diagnostic efficiency in 4th-5th year students: A randomized controlled laboratory study*. Poster session presented at the Conference on Learning through Inquiry in Higher Education (INHERE), Munich, Germany.

Dudko, Y., Ouellette, D. L., Zottmann, J., & Fischer, M. R. (2018, March). *The Role of Epistemic Beliefs in Supervisory Relationships*. Poster session presented at the Conference on Learning through Inquiry in Higher Education (INHERE), Munich, Germany.

Kiesewetter, J., Bauer, E., Sailer, M., Zottmann, J., & Fischer, M. R. (2020, February / March). *Assessing dyads' collaborative clinical reasoning - more than just the better students' knowledge*. Poster session presented at the Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions, Kuala Lumpur, Malaysia.

Lenzer, B., Ghanem, C., Weidenbusch, M., Fischer, M. R., & Zottmann, J. (2017, August). *Scientific Reasoning in Medical Education: A Novel Approach for the Analysis of Epistemic Activities in Clinical Case Discussions*. Poster session presented at the European Conference on Educational Research (ECER), Copenhagen, Denmark.

Lenzer, B., Ghanem, C., Weidenbusch, M., Fischer, M. R., & Zottmann, J. (2017, September). *Clinical Case Discussions: Ein innovatives Format zur Förderung von Clinical Reasoning bei Medizinstudierenden*. Poster session presented at the Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Münster, Germany.

Lenzer, B., Ghanem, C., Weidenbusch, M., Fischer, M. R., & Zottmann, J. (2018, March). *A Novel Approach for the Analysis of Scientific Reasoning and Argumentation in Clinical Case Discussions*. Poster session presented at the Conference on Learning through Inquiry in Higher Education (INHERE), Munich, Germany.

Lenzer, B., Zottmann, J., Strobel, C., Kiesewetter, J., Weidenbusch, M., & Fischer, M. R. (2015, September). *Clinical Case Discussions - ein erfolgversprechender Ansatz zur Förderung von Clinical Reasoning?* Poster session presented at the Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Leipzig, Germany.

Ouellette, D. L., Zottmann, J., Bolzer, M., Fischer, F., & Fischer, M. R. (2016, August). *Development of a Meta-Analysis Coding Scheme on the Interplay of Epistemological Beliefs and Scientific Reasoning and Argumentation*. Poster session presented at the *EARLI SIG 20 & 26 Conference 2016*, Ghent, Belgium.

Pfeiffer, M., Zottmann, J., & Fischer, M. R. (2014, September). *Wissenschaftlicher Verbleib von medizinischen Doktoranden an der Ludwig-Maximilians-Universität München. Ein Vergleich von strukturiert und individuell Promovierenden*. Poster session presented at the Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Hamburg, Germany.

Schönberger, R., Jung, V., Sailer, M., Zottmann, J., Fischer, F., Fischer, M. R., & Kiesewetter, J. (2018, August). *Emotions of medical students when learning with virtual patients*. Poster session presented at the 2nd European Conference on Diagnostic Error in Medicine (EuroDEM), Bern, Switzerland.

Witti, M., Zottmann, J., Wershofen, B., Fischer, F., & Fischer, M. R. (2020, September). *Ein Vorschlag für ein Rahmenkonzept zur Analyse und Förderung interprofessioneller kollaborativer Aktivitäten*. Poster session presented at the Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Zurich, Switzerland.

Zech, A., Gross, B., Rusin, L., Kiesewetter, J., & Zottmann, J. (2017, October). *Teaching CRM in 15 minutes? - An experimental study on how to make CRM trainings more efficient*. Poster session presented at the 11th International Meeting for Behavioural Sciences Applied to Surgery and Acute Care Settings (BSAS), Zurich, Switzerland.

Zottmann, J., Berndt, M., Ouellette, D. L., Sailer, M., Fischer, F., & Fischer, M. R. (2017, August). *Investigating Scientific Reasoning and Argumentation in Medical Education and Beyond*. Poster session presented at the Conference of the Association for Medical Education in Europe (AMEE), Helsinki, Finland.

Zottmann, J., Berndt, M., Schmidt, F. M., Kolano, A., Ouellette, D. L., Sailer, M., Fischer, F., & Fischer, M. R. (2017, September). *Scientific Reasoning and Argumentation - Studien zur Analyse und Förderung des wissenschaftlichen Denkens und Argumentierens von Studierenden der Humanmedizin*. Poster session presented at the Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), Münster, Germany.

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Zottmann, J., Fischer, F., Goeze, A., Schrader, J., & Hartz, S. (2009, April). *Fostering analytical competency in case-based learning environments: Effects of multiple perspectives and prior knowledge in the context of second language teacher education*. Poster session presented at the Annual Meeting of the American Educational Research Association (AERA), San Diego, CA, USA.

Zottmann, J., Vogel, F., Fischer, F., Goeze, A., & Schrader, J. (2011, July). *Enhancing Computer-Supported Case-Based Learning for Pre-Service Teachers: Effects of Hyperlinks to Multiple Perspectives and Conceptual Knowledge*. Poster session presented at the 9th International Conference on Computer Supported Collaborative Learning (CSCL), Hong Kong, China.

Zottmann, J., Vogel, F., Fischer, F., Goeze, A., Schrader, J., & Hartz, S. (2009, September). *Instruktionale Unterstützung fallbasierten Lernens zur Förderung diagnostischer Kompetenz Lehrender in Aus- und Weiterbildung*. Poster session presented at the Jahrestagung der Sektion Erwachsenenbildung der Deutschen Gesellschaft für Erziehungswissenschaft (DGfE), Munich, Germany.

Zottmann, J., Vogel, F., Goeze, A., Fischer, F., & Schrader, J. (2012, April). *Computer-Supported Case-Based Learning for Pre-Service Teachers: Effects of Hyperlinks to Conceptual Knowledge and Multiple Perspectives*. Poster session presented at the Annual Meeting of the American Educational Research Association (AERA), Vancouver, Canada.

Web Documents

Zottmann, J., Dillenbourg, P., & Fischer, F. (2007). Computerunterstütztes kooperatives Lernen: Eine Einführung in das Forschungsfeld. Dissemination Deliverable for the *Kaleidoscope Special Interest Group on Computer Support for Collaborative Learning (CSCL SIG)*. URL: http://www.e-teaching.org/didaktik/kommunikation/cscl.pdf

Reviewing for Journals

- Computers & Education
- Computers in Human Behavior
- Educational Studies
- European Journal of Psychology of Education
- GMS Journal for Medical Education
- Instructional Science
- Journal of the Learning Sciences
- Journal of Computer Assisted Learning
- Journal of Universal Computer Science
- Learning and Instruction
- Reflective Practice
- Research and Practice in Technology Enhanced Learning
- Teaching and Learning in Medicine
- Teaching and Teacher Education