

Curriculum Vitae Dr. Philipp Schmid



Current: Assistant Professor of Health Communication, Radboud University

Former: Postdoctoral Researcher at H2020 EU Project 'Jitsuvax'; Media and Communication, University of Erfurt, Germany

CURRENT WORK ADDRESS

📍 Radboud University, Erasmusplein 1, 6525 HT NIJMEGEN, Netherlands

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EMPLOYMENT

09.2023 – current

Radboud University – Assistant Professor of Health Communication

I am responsible to develop and teach Bachelor's and Master's courses and conduct research in the area of health communication with a focus on qualitative discourse- and interaction-oriented approaches and quantitative, mass-media-oriented approaches. I contribute to the Department's Bachelor's and Master's programmes in Communication and Information Studies, the Radboud interfaculty Master's track in Healthcare Humanities, and to the Research Master's programme in Linguistics and Communication Sciences. I conduct empirical research at the Centre for Language Studies.

07.2021 – 08.2023

University of Erfurt – Postdoctoral researcher

Project: Jitsuvax - Vaccinating against misconceptions to protect global public health.
Despite the unquestionable success of immunisation in reducing and eliminating infectious diseases, scepticism on information about vaccine efficacy and safety remains a universal menace. According to the World Health Organisation, the diffusion of mistrust is due to misinformation provided by the internet. To address the challenging vaccine hesitancy, the EU-funded JITSUVAX project aims at utilising the very misinformation about vaccinations. By training health care professionals through inoculation and refutational learning and enabling them to communicate more constructively with patients, the project aspires to contribute to the increase of public confidence in immunisation.
Project manager: Prof. Dr. Stephan Lewandowsky
Funding: European Commission Horizon 2020

02.2020 – 06.2021

University of Erfurt – Interim lecturer for statistics and methods in research on health communication and psychology

Description: *Teaching bachelor and master courses on statistics and research methods at the Department of Psychology of the University of Erfurt. Courses included seminars and lectures on basic and advanced level. The content of the courses included but was not limited to:*

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|----------------------------|-------------------------------|--------------------------------|
| ▪ <i>t-test</i> | ▪ <i>Non-parametric tests</i> | ▪ <i>Factor analysis</i> |
| ▪ <i>ANOVA</i> | ▪ <i>MANOVA</i> | ▪ <i>ANCOVA</i> |
| ▪ <i>Linear Regression</i> | ▪ <i>Logistic Regression</i> | ▪ <i>Multilevel Regression</i> |

10.2016 – 02.2020 **University of Erfurt – Research fellow**

Project: Impfen 60+: Influenza and Pneumococcal Vaccination and Sepsis Prevention.
In this joint project with the Robert Koch Institute, the Universitätsklinikum Jena and Lindgrün GmbH we created and evaluated an evidence informed intervention to address vaccine hesitancy regarding influenza and pneumococcal vaccination in the elderly."

Project manager: Prof. Dr. Cornelia Betsch

Funding: Bundesministerium für Bildung und Forschung (BMBF), Konsortium InfectControl2020 with Uniklinikum Jena, Robert Koch-Institut, Lindgrün GmbH

11.2015 – 09.2016 **University Hospital Hamburg-Eppendorf – Research fellow**

Project: "Increasing Influenza Vaccine Uptake: Targeting Health-Care Personnel."

Project manager: Prof. Dr. Cornelia Betsch, Prof. Dr. Ansgar Lohse, Prof. Dr. Marylyn Addo, Prof. Dr. Robert Böhm

Funding: Deutsches Zentrum für Infektionsforschung (DZIF), TTU 01.913_00

08.2012 – 10.2015 **University of Erfurt – Research assistant**

Project: "The Impact of Narrative Information from the Internet on the Assessment of Risk Regarding Infant and Toddler Vaccination."

Project manager: Prof. Dr. Cornelia Betsch, Universität Erfurt

Funding: Grant German Research Foundation (DFG), BE 3970/4-1

02.2011 – 07.2012 **University of Erfurt – Research assistant**

Project: "The Impact of Narrative Information from the Internet on the Assessment of Risk Regarding Infant and Toddler Vaccination II – Moderators and Processes."

Project manager: Prof. Dr. Cornelia Betsch, Universität Erfurt

Funding: Grant German Research Foundation (DFG), BE 3970/4-2

07.2008 – 03.2009 **Military service**

Medical soldier at the military hospital Westerstede (Lower Saxony, Germany).

EDUCATION

10.2015 – 07.2020 **PhD Program Psychology**

University of Erfurt (Thuringia, Germany)

Thesis: "Effective Strategies to Counter Science Denialism in Public."

Grade: summa cum laude (with highest honors)

10.2013 – 08.2015 **Master of Science (M.Sc.) Psychology**

University of Erfurt (Thuringia, Germany).

Master – Thesis: "The Influence of Social Norms on Vaccine Intentions."

Master grade: 1,0

10.2010 – 08.2013 **Bachelor of Arts (B.A.) Psychology/Philosophy**

University of Erfurt (Thuringia, Germany).

Bachelor – Thesis: "On Culturally Sensitive Health Communication and the Influence of Collectivism on Vaccine Intentions."

Bachelor grade: 1,3

08.2001 – 07.2008 **Abitur - Higher education entrance qualification**

Graf- Anton-Günther Highschool (Lower Saxony, Germany).

Advanced courses: physics, biology, german language

Abitur grade: 1,9

Affiliation in the german physical society (DPG) for school performance in physics.

GRANTS, FUNDING

2023-2024 **Centre for Language Studies – Nijmegen**

Research grant to conduct empirical research on science denialism; 5.000 EUR

2023-2024 **Federal Ministry of Health - Bundesministerium für Gesundheit (BMG)**

Intervention study to increase HPV vaccination rates in Germany - InveSt HPV (Interventionsstudie zur Steigerung der HPV-Impfquoten in Deutschland - InveSt HPV). Coordinated by the Robert Koch-Institute (RKI). Funding for team at University of Erfurt lead by Dr. Philipp Schmid: 103.000 EUR.

2020 **University of Erfurt**

Fund for the promotion of young talents financed by the Faculty of Education Science and the Chair of Organizational Work and Social Psychology; 6.870 EUR

2016 **World Health Organization, Headquarters**

Development of a discussion paper on influenza vaccination hesitancy with Prof. Dr. Cornelia Betsch , University of Erfurt; 24.106 US\$

2013-2015 **The German Academic Scholarship Foundation (Studienstiftung)**

Student Scholarship; ca. 970 EUR per month

SCIENTIFIC CONSULTANT

2023 **World Health Organization, Regional Office for Europe**

Development of an impact evaluation guide for behavioural and cultural insights (BCI)-informed interventions for health.

2022 – 2023 **European Commission**

Development of a guide on ethical and meaningful communication.

2021 **World Health Organization, Regional Office for Europe**

Development of a guide on how to respond to misinformation on social media With Dorothee Heinemeier, University of Erfurt.

2020 **World Health Organization, Headquarters**

Ad-hoc technical consultation on managing COVID-19 infodemics. Related talk: Schmid, P. (2020). *Effective Strategies to Counter Science Denialism in Public*. WHO ad-hoc technical consultation on managing the COVID-19 infodemic, Geneva (Switzerland and online)

2015 – 2019 **World Health Organization, Regional Office for Europe**

Development of a guide on how to respond to vaccine deniers in a public debate or interview
With Prof. Dr. Noni MacDonald, Dalhousie University Canada.

Organization and implementation of WHO workshops on addressing vaccination opposition (2016: Belgrade, Serbia; 2016: Copenhagen, Denmark; 2017: Copenhagen, Denmark; 2017: Stuttgart, Germany; Berlin, Germany, 2018). Workshops were attended by national immunization managers of 17 different Member States.

EDITORIAL BOARD

03.2025 – current
2022 guest-editor

Communications Psychology
European Journal of Health Communication

INTERNSHIPS

05.2015 – 07.2015

World Health Organization, Regional Office for Europe

Project: “*How to Respond to Vaccine Deniers*”
Project manager: Robb Butler, Katrine Haabersaat, WHO Regional Office Europe

04.2013 – 06.2013

University of Bern, Institute of Psychology

Project: “*The Impact of Dominance Cues in Faces on Backlash Effects*”
Project manager: Prof. Dr. Sabine Szczesny, University of Bern

08.2011 – 10.2011

Robert Koch-Institut Berlin

Project: “*How to Communicate with Anti-Vaccine Activists*”
Project manager: Dr. Ole Wichmann

SCHOLARSHIPS

04.2013 – 08. 2015

Scholarship German National Academic Foundation (Studienstiftung des deutschen Volkes)

Affiliation in Germany's largest organisation sponsoring students of outstanding academic achievements. It is non-political and non-denominational.

ONGOING DISSERTATIONS UNDER MY SUPERVISION

Paul Ballot
Yana van de Sande

TEACHING

09.2023 – current

Radboud Universiteit: every year bachelor and master courses on misinformation and resistance to persuasion. bachelor and master course on statistics and research methods. bachelor course on designing persuasive texts.

02.2020 – 06.2021

Universität Erfurt: seminars and lectures including statistics for psychology bachelor program, research methods for psychology master program and models with latent variables for psychology master program.

ADVISORY BOARDS AND COMMITTEES

2024-current
2024
2022

Ethical Advisory Board – Horizon 2020 Research Project Jitsuvax
Scientific Committee Nationale Impfkonferenz Germany
Scientific Committee Nationale Impfkonferenz Germany

PUBLICATIONS

In peer reviewed journals

- Cologna, V., Mede, N. G., Berger, S., Besley, J., Brick, C., Joubert, M., ... & Schmid, P. (2025). Trust in scientists and their role in society across 68 countries. *Nature Human Behaviour*, 1-18.
- Mede, N. G., Cologna, V., Berger, S., Besley, J., Brick, C., Joubert, M., ... & Schmid, P. (2025). Perceptions of science, science communication, and climate change attitudes in 68 countries—the TISP dataset. *Scientific data*, 12(1), 114.
- Schmid, P.M., Böhm, R., Das, E., Holford, D., Korn, L., Leask, J., Lewandowsky, S., Shapiro, G., Sprengholz, P. & Betsch, C. (2024). Vaccination mandates and their alternatives and complements. *Nature Reviews Psychology*, 3, 789-803. doi: <https://doi.org/10.1038/s44159-024-00381-2>.
- Bruns, H., Dessart, F.J., Krawczyk, M., Lewandowsky, S., Pantazi, M., Pennycook, G., Schmid, P.M. & Smillie, L. (2024). Investigating the role of source and source trust in prebunks and debunks of misinformation in online experiments across four EU countries. *Scientific Reports*, 14:20723. doi: <https://doi.org/10.1038/s41598-024-71599-6>
- Holford, D., Schmid, P.M., Fasce, A. & Lewandowsky, S. (2024). The Empathetic Refutational Interview to Tackle Vaccine Misconceptions: Four Randomized Experiments. *Health Psychology*, 43 (6), 426-437. doi: <https://doi.org/10.1037/hea0001354>
- Karlsson, L.C., Maki, K.O., Holford, D., Fasce, A., Schmid, P.M., Lewandowsky, S. & Soveri, A. (2024). Testing Psychological Inoculation to Reduce Reactance to Vaccine-Related Communication. *Health Communication*, 39 (13), 3450-3458. doi: <https://doi.org/10.1080/10410236.2024.2325185>
- Kozyreva, A., Lorenz-Spreen, P., Herzog, S., Ecker, U., Lewandowsky, S., Hertwig, R., Ali, A., Bak-Coleman, J., Barzilai, S., Basol, M., Berinsky, A., Betsch, C., Cook, J., Fazio, L., Geers, M., Guess, A., Huang, H., Larreguy, H., Maertens, R., Panizza, F., Pennycook, G., Rand, D., Rathje, S., Reifler, J., Schmid, P.M., Smith, M., Swire-Thompson, B., Szewach, P., Linden, S. van der & Wineburg, S. (2024). Toolbox of individual-level interventions against online misinformation. *Nature Human Behaviour*, 8 (8), 1044-1052. doi: <https://doi.org/10.1038/s41562-024-01881-0>
- Mäki, K., Karlsson, L., Kaakinen, J., Schmid, P.M., Lewandowsky, S. & Soveri, A. (2024). COVID-19 and influenza vaccine-hesitancy subgroups. *PLoS One*, 19 (7):e0308159. doi: <https://doi.org/10.1371/journal.pone.0308159>
- Taubert, F., Schmid, P.M., Holford, D., Verger, P., Fasce, A., Karlsson, L., Soveri, A., Lewandowsky, S. & Betsch, C. (2024). Association of the belief in conspiracy narratives with vaccination status and recommendation behaviours of German physicians. *Vaccine: X*, 20:100560. doi: <https://doi.org/10.1016/j.jvaxc.2024.100560>
- Taubert, F., Meyer-Hoeven, G., Schmid, P. et al. (2024). Conspiracy narratives and vaccine hesitancy: a scoping review of prevalence, impact, and interventions. *BMC Public Health* 24, 3325. doi: <https://doi.org/10.1186/s12889-024-20797-y>
- Ziemer, C.T., Schmid, P.M., Betsch, C. & Rothmund, T. (2024). Identity is key, but Inoculation helps – how to empower Germans of Russian descent against pro-Kremlin disinformation. *advances.in/psychology*, 2:e628359. doi: <https://doi.org/10.56296/aip00015>
- Schmid, P.M. (2024). Using Behavioral Science for Infodemic Preparedness. The Case of Vaccination Misinformation. *Policy Insights from the Behavioral and Brain Sciences*, 11 (1), 93-101. doi: <https://doi.org/10.1177/23727322231219684>
- Lewandowsky, S., Schmid, P.M., Habersaat, K.B., Nielsen, S.M., Seale, H., Betsch, C., Böhm, R., Geiger, M., Craig, B., Sunstein, C., Sah, S., MacDonald, N.E., Dube, E., Fancourt, D., Larson, H.J.,

Jackson, C., Mazhnaya, A., Dutta, M., Fountoulakis, K.N., Kachkachishvili, I., Soveri, A., Caserotti, M., Őri, D., De Girolamo, G., Rodriguez-Blazquez, C., Falcón, M., Romay-Barja, M., Forjaz, M.J., Blomquist, S.E., Appelqvist, E., Temkina, A., Lieberoth, A., Harvey, T.S., Holford, D., Fasce, A., Van Damme, P. & Danchin, M. (2023). Lessons from COVID-19 for behavioural and communication interventions to enhance vaccine uptake. *Communications Psychology*, (1):35. doi: <https://doi.org/10.1038/s44271-023-00036-7>

Karlsson, L.C., Garrison, A., Holford, D., Fasce, A., Lewandowsky, S., Taubert, F., Schmid, P.M., Betsch, C., Rodrigues, F., Fressard, L., Verger, P. & Soveri, A. (2023). Healthcare professionals' attitudes to mandatory COVID-19 vaccination. Cross-sectional survey data from four European countries. *Human Vaccines & Immunotherapeutics*, 19 (2):2256442. doi: <https://doi.org/10.1080/21645515.2023.2256442>

Fasce, A., Karlsson, L., Verger, P., Mäki, O., Taubert, F., Garrison, A., Schmid, P., ... & Soveri, A. (2023). Endorsement of alternative medicine and vaccine hesitancy among physicians: A cross-sectional study in four European countries. *Human Vaccines & Immunotherapeutics*, 19(2), 2242748.

Schmid, P.M. & Werner, B. (2023). Hostility has a trivial effect on persuasiveness of rebutting science denialism on social media. *Communications Psychology*, 2023 (1):39. doi: <https://doi.org/10.1038/s44271-023-00041-w>

Soveri, A., Karlsson, L.C., Maki, K.O., Holford, D., Fasce, A., Schmid, P.M., ... Lindfelt, M. & Lewandowsky, S. (2023). Trait reactance as psychological motivation to reject vaccination: Two longitudinal studies and one experimental study. *Applied Psychology. Health and Well-Being*, 1-18. doi: <https://doi.org/10.1111/aphw.12506>

Fasce, A., Schmid, P., Holford, D. L., Bates, L., Gurevych, I., & Lewandowsky, S. (2023). A taxonomy of anti-vaccination arguments from a systematic literature review and text modelling. *Nature Human Behaviour*, 1-19.

Schmid, P., Altay, S. & Scherer, L. (2023). The Psychological Impacts and Message Features of Health Misinformation: A Systematic Review of Randomized Controlled Trials. *European Psychologist*, 28, 162-172.

Mäki, K. O., Karlsson, L. C., Kaakinen, J. K., Schmid, P., Lewandowsky, S., Antfolk, J., & Soveri, A. (2023). Tailoring interventions to suit self-reported format preference does not decrease vaccine hesitancy. *Plos one*, 18(3), e0283030

Holford, D., Fasce, A., Tapper, K., Demko, M., Lewandowsky, S., Hahn, U., ... & Wulf, M. (2023). Science Communication as a Collective Intelligence Endeavor: A Manifesto and Examples for Implementation. *Science Communication*, 10755470231162634.

Thumbeck, S., Schmid, P.M., Chesneau, S. & Domahs, F. (2023). Efficacy of reading strategies on text-level reading comprehension in people with post-stroke chronic aphasia: A repeated measures study. *International Journal of Language and Communication Disorders*, 1-24. doi: <https://doi.org/10.1111/1460-6984.12983>

Terry, J., Ross, R. M., Nagy, T., Salgado, M., Garrido-Vásquez, P., Sarfo, J. O., Cooper, S., Buttner, A. C., Lima, T. J. S., Öztürk, İ., Akay, N., Santos, F. H., Artymenko, C., Copping, L. T., Elsherif, M. M., Milovanović, I., Cribbie, R. A., Drushlyak, M. G., Swainston, K., ... Field, A. P. (2023). Data from an International Multi-Centre Study of Statistics and Mathematics Anxieties and Related Variables in University Students (the SMARVUS Dataset). *Journal of Open Psychology Data*, 11(1), Article 8. <https://doi.org/10.5334/jopd.80>

Betsch, C., Schmid, P., Verger, P., Lewandowsky, S., Soveri, A., Hertwig, R., Fasce, A., Holford, D., De Raeve, P., Gagneur, A., Vuolanto, P., Correia, T., Tavoschi, L., Declich, S., Marceca, M., Linos, A., Karnaki, P., Karlsson, L., Garrison, A. (2022). A call for immediate action to increase COVID-19 vaccination uptake to prepare for the third pandemic winter. *Nat Commun.* 13(1):7511. doi: <https://doi.org/10.1038/s41467-022-34995-y>

Schmid, P., & Betsch, C. (2022). Benefits and Pitfalls of Debunking Interventions to Counter mRNA Vaccination Misinformation During the COVID-19 Pandemic. *Science Communication*, 10755470221129608. doi: <https://doi.org/10.1177/10755470221129608>

- Kessler, S.H., & Schmid, P. (2022). Editorial: Mis- and Disinformation About Covid-19 – Challenges for Health Communication. *European Journal of Health Communication*, 3(2), I-VI. <https://doi.org/10.47368/ejhc.2022.200>
- Lewandowsky, S., Holford, D., & Schmid, P. (2022). Public policy and conspiracies: The case of mandates. *Current Opinion in Psychology*, 101427. <https://doi.org/10.1016/j.copsyc.2022.101427>
- Jörling, M., Eitze, S., Schmid, P., Betsch, C., Allen, J., & Böhm, R. (2022). To disclose or not to disclose? Factors related to the willingness to disclose information to a COVID-19 tracing app. *Information, Communication & Society*, 1-25. <https://doi.org/10.1080/1369118X.2022.2050418>
- Garrison, A., Fressard, L., Karlsson, L., Soveri, A., Fasce, A., Lewandowsky, S., ... & Verger, P. (2022). Measuring psychosocial determinants of vaccination behavior in healthcare professionals: validation of the Pro-VC-Be short-form questionnaire. *Expert Review of Vaccines*, 1-10. <https://doi.org/10.1080/14760584.2022.2108800>
- Lewandowsky, S., Armaos, K., Bruns, H., Schmid, P., Holford, D. L., Hahn, U., ... & Cook, J. (2022). When science becomes embroiled in conflict: Recognizing the public's need for debate while combating conspiracies and misinformation. *The ANNALS of the American Academy of Political and Social Science*, 700(1), 26-40. <https://doi.org/10.1177/00027162221084663>
- Verger, P., Fressard, L., Soveri, A., Dauby, N., Fasce, A., Karlsson, L., Lewandowsky, S., Schmid, P., Dube, E., & Gagneur, A. (2022). An instrument to measure psychosocial determinants of health care professionals' vaccination behavior: Validation of the Pro-VC-Be questionnaire. *Expert Review of Vaccines*. <https://doi.org/10.1080/14760584.2022.2046467>
- Vivion, M., Anassour Laouan Sidi, E., Betsch, C., Dionne, M., Dubé, E., Driedger, S. M., Schmid, P., ... & Canadian Immunization Research Network (CIRN). (2022). Prebunking messaging to inoculate against COVID-19 vaccine misinformation: an effective strategy for public health. *Journal of Communication in Healthcare*, 1-11. <https://doi.org/10.1080/17538068.2022.2044606>
- Ecker, U. K., Lewandowsky, S., Cook, J., Schmid, P., Fazio, L. K., Brashier, N., ... & Amazeen, M. A. (2022). The psychological drivers of misinformation belief and its resistance to correction. *Nature Reviews Psychology*, 1(1), 13-29. <https://doi.org/10.1038/s44159-021-00006-y>
- Rabe, J. E., Schillok, H., Merkel, C., Voss, S., Coenen, M., De Bock, F., ... & Jung-Sievers, C. (2021). Belastung von Eltern mit Kindern im Schulalter während verschiedener Phasen der COVID-19-Pandemie in Deutschland: Eine Analyse der COVID-19-Snapshot-Monitoring-(COSMO-) Daten. *Bundesgesundheitsblatt-Gesundheitsforschung-Gesundheitsschutz*, 64(12), 1500-1511. <https://doi.org/10.1007/s00103-021-03453-3>
- Thumbeck S., Schmid P., Chesneau S., Dohmas F. (2021). Efficacy of a strategy-based intervention on text-level reading comprehension in persons with aphasia: a study protocol for a repeated measures study. *BMJ Open*, 11:e048126. doi: 10.1136/bmjopen-2020-048126
- Betsch, C., Bosnjak, M., Korn, L., Burgard, T., Gaissmaier, W., Felgendreff, L., Eitze, S., Sprengholz, P., Böhm, R., Stollorz, V., Ramharter, M., Promies, N., De Bock, F., Schmid, P., Renner, B., & Wieler, L. (2021). The four weeks before lockdown during the COVID-19 pandemic in Germany: A weekly serial cross-sectional study on risk perceptions, knowledge, public trust and behaviours in March 2020. *Eurosurveillance (Print)*.
- Schmid, P., Schwarzer, M., & Betsch, C. (2020). Weight-of-Evidence Strategies to Mitigate the Influence of Messages of Science Denialism in Public Discussions. *Journal of Cognition*, 3(1), 36. <https://doi.org/10.5334/joc.125>
- Betsch, C., Korn, L., Sprengholz, P., Felgendreff, L., Eitze, S., Schmid, P., & Böhm, R. (2020). Social and behavioral consequences of mask policies during the COVID-19 pandemic. *Proceedings of the National Academy of Sciences*, 117(36), 21851-21853. <https://doi.org/10.1073/pnas.2011674117>
- Habersaat, K., Betsch, C., Danchin, M., Sunstein, C., Böhm, R., Falk, A., Brewer, N.T., Omer, S.B., Scherzer, M., Sah, S., Fischer, E.F., Scheel, A.E., Fancourt, D., Kitayama, S., Dubé, E., Leask, J., Dutta, M., MacDonald, N.E., Temkina, A., Lieberoth, A., Jackson, M., Lewandowsky, S., Seale, H., Fiethe, N., Schmid, P., Gelfand, M., Korn, L., Eitze, S., Felgendreff, L., Sprengholz, P., Salvi, C., Butler, R(2020). Ten considerations for effectively managing the COVID-19 transition. *Nat Hum Behav*. doi.org/10.1038/s41562-020-0906-x

- Neufeind, J., Betsch, C., Habersaat, K. B., Eckardt, M., Schmid, P., & Wichmann, O. (2020). Barriers and drivers to adult vaccination among family physicians—Insights for tailoring the immunization program in Germany. *Vaccine*. <https://doi.org/10.1016/j.vaccine.2020.04.052>
- Haase, N., Schmid, P., & Betsch, C. (2019). Impact of disease risk on the narrative bias in vaccination risk perceptions. *Psychology & Health*. <https://doi.org/10.1080/08870446.2019.1630561>
- Schmid, P., & Betsch, C. (2019). Effective strategies for rebutting science denialism in public discussions. *Nature Human Behaviour*. <https://doi.org/10.1038/s41562-019-0632-4>
- Betsch, C., Böhm, R., Schmid, P., Korn, L., Steinmeyer, L., Heinemeier, D., Eitze, S., & Küpke, N.K. (2019). Impfverhalten psychologisch erklären, messen und verändern. *Bundesgesundheitsblatt*, 1-10. <https://doi.org/10.1007/s00103-019-02900-6>
- Betsch, C., Schmid, P., Heinemeier, D., Korn, L., Holtmann, C., Böhm, R. (2018) Beyond confidence: Development of a measure assessing the 5C psychological antecedents of vaccination. *PLoS ONE* 13(12): e0208601. <https://doi.org/10.1371/journal.pone.0208601> Open Data Open Material
- Betsch, C., Rossmann, C., Pletz, M.W., Vollmar, H.C., Freytag, A., Wichmann, O., Hanke, R., Hanke, W., Heinemeier, D., Schmid, P., Eitze, S., Weber, W., Reinhardt, A., Küpke, N.K., Forstner, C., Fleischmann-Struzek, C., Mikolajetz, A., Römhild, J., Neufeind, J., Rieck, T., Sachecka, K., Reinhart, K. (2018). Increasing influenza and pneumococcal vaccine uptake in the elderly: Study protocol for the multi-methods prospective intervention study Vaccination60+. *BMC Public Health*, 18(1), 885. doi: 10.1186/s12889-018-5787-9
- Betsch, C., Bödeker, B., Schmid, P., & Wichmann, O. (2018). How baby's first shot determines the development of maternal attitudes towards vaccination. *Vaccine*, 36(21), 3018-3026.
- Schmid, P., MacDonald, N. E., Habersaat, K., & Butler, R. (2018). Commentary to: How to respond to vocal vaccine deniers in public. *Vaccine*, 36, 196-198.
doi: <https://doi.org/10.1016/j.vaccine.2016.09.065>
- Schmid, P., Rauber, D., Betsch, C., Lidolt, G., Denker, M-L (2017) Barriers of Influenza Vaccination Intention and Behavior – A Systematic Review of Influenza Vaccine Hesitancy, 2005 – 2016. *PLoS ONE* 12(1): e0170550. <https://doi.org/10.1371/journal.pone.0170550> Open Data
- Betsch, C., Haase, N., Renkewitz, F. & Schmid, P. (2015). The narrative bias revisited: What drives the biasing influence of narrative information on risk perceptions? *Judgment and Decision Making*, 10, 241-264.
- Betsch, C. & Schmid, P. (2012). Angst essen Impfbereitschaft auf? Der Einfluss kognitiver und affektiver Faktoren auf die Risikowahrnehmung im Ausbruchsgeschehen. [The influence of cognitive and affective aspects of risk perception during outbreaks.] *Bundesgesundheitsblatt*, 56, 124-130.
- Reports**
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