

CV - Natalia Zarzeczna

<https://www.psychologyofscience.nl/>

University of Amsterdam, Department of Psychology
Nieuwe Achtergracht 129B, 1018 WT Amsterdam

Academic Posts

Research Associate 2020 – present

University of Amsterdam, PI: Dr. Bastiaan Rutjens
Project: *Psychological Distance to Science* (ERC-funded)

Research Associate 2019 – 2020

University of Birmingham, PI: Prof. Fern Elsdon-Baker
Project: *Stereotypes about Science and Religion across Cultures* (Templeton-funded)

Education

PhD in Social Cognition, Cardiff University, UK 2019

Supervisors: Dr. Ulrich von Hecker & Prof. Geoffrey Haddock

Thesis: *Powerful males on top: Spatial simulations in the mental representation of gender stereotypes.*

MSc in Social Sciences Research Methods, Cardiff University, UK 2015

BSc Psychology, Cardiff University, UK 2014

Grants/Funding

Recipient of Templeton Religion Trust & INSBS Network Grant (£19925): The relationship between religion and science in practice: The role of religiosity in complying with scientific health advice, with P.H.P. Hanel, B.T. Rutjens, & G. Haddock (2020).

ESRC Doctoral Fellowship (Student-led Open Call) for PhD project: Powerful males on top: Spatial simulations in the mental representation of gender stereotypes (2015).

Cardiff University Postgraduate Taught Scholarship (£3000) for MSc Social Sciences Research Methods (2014).

Publications: <https://scholar.google.com/citations?user=mEm3DPcAAAAJ&hl=en>

In preparation

- **Zarzeczna, N.**, Preston, J.L., Samekin, A., Reinhardt, C., Rutjens, B.T., et al. Belief in science and religion: How meaning systems predict perceptions of science-religion compatibility.

Under Review

- **Zarzeczna, N.**, Bertlich, T., Rutjens, B.T., Gerstner, I., & von Hecker, U. Spatial mapping of coherence is malleable. <https://psyarxiv.com/vnkg7/>

- **Zarieczna, N.**, Hanel, P. H.P., Rutjens, B. T., Bono, S., Chen, Y.H., & Haddock, G. Scientists, speak up! Source impacts trust in health advice cross-culturally. <https://psyarxiv.com/279yg/>
- **Zarieczna, N.**, Većkalov, B., Hoffstadt, M., & Rutjens, B.T. Psychological distance to science: Decreasing distance reduces science scepticism. <https://psyarxiv.com/b8uej/>

Published

- **Zarieczna, N.**, Većkalov, B., & Rutjens, B.T. (2023). Spirituality and intentions to engage in Covid-19 protective behaviours. *Social and Personality Psychology Compass*. e12765. <https://doi.org/10.1111/spc3.12765>
- **Zarieczna, N.**, Bertlich, T., Većkalov, B., & Rutjens, B.T. (2023). Spirituality is associated with Covid-19 vaccination scepticism. *Vaccine*, 41(1), 226-235. <https://doi.org/10.1016/j.vaccine.2022.11.050>
- van der Lee, R., Ellemers, N., **Zarieczna, N.**, & Scheepers, D. (2022). Threatened by the immoral, challenged by the incompetent: Cardiovascular responses to intragroup morality vs. competence evaluations. *Group Processes & Intergroup Relations: Special Issue*.
- Većkalov, B., **Zarieczna, N.**, McPhetres, J., van Harreveld, F., Rutjens, B. T. (2022). Psychological distance to science as a predictor of science skepticism across domains. *Personality and Social Psychology Bulletin*. <https://doi.org/10.1177/01461672221118184>
- Rutjens, B. T., **Zarieczna, N.**, & van der Lee, R. (2022). Science rejection in Greece: Spirituality predicts vaccine scepticism and low faith in science in a Greek sample. *Public Understanding of Science*. <https://doi.org/10.1177/09636625211061520>
- Hanel, P. H. P. & **Zarieczna, N.** (2022). From multiverse analysis to multiverse operationalisations: 262,143 ways of measuring well-being. *Religion, Brain, & Behaviour*. <https://doi.org/10.1080/2153599X.2022.2070259>
- Leicht, C., Sharp, C.A., LaBouff, J. P., **Zarieczna, N.**, & Elsdon-Baker, F. (2022). Content matters: Perceptions of the science-religion relationship. *The International Journal for the Psychology of Religion*, 32 (3), 232 – 255. <https://doi.org/10.1080/10508619.2021.2003111>
- Hoogeveen, S., Sarafoglou, A, Aczel, B., ...**Zarieczna, N.** et al. (2022). A many-analysts approach to the relation between religiosity and well-being. *Religion, Brain, & Behaviour*, 1 – 47. <https://doi.org/10.1080/2153599X.2022.2070255>
- Proulx, T. Costin, V., Magazin, E., **Zarieczna, N.**, & Haddock, G. (2022). The progressive values scale: Assessing the ideological schism on the Left. *Personality and Social Psychology Bulletin*. <https://doi.org/10.1177/01461672221097529>
- **Zarieczna, N.**, Većkalov, B., Gligorić, V., Rutjens, B. T. (2021). Letter to the Editors of Psychological Science: Boosting understanding is unlikely to correct false beliefs about most science domains: Regarding van Stekelenburg et al. (2021). *Psychological Science*. <https://journals.sagepub.com/doi/suppl/10.1177/09567976211007788>
- Većkalov, B., **Zarieczna, N.**, Niehoff, E., McPhetres, J., & Rutjens, B.T. (2021). A matter of time... consideration of future consequences and temporal distance contribute to the ideology gap in climate change scepticism. *Journal of Environmental Psychology*, 78, 101703. <https://doi.org/10.1016/j.jenvp.2021.101703>

- Rutjens, B.T., van der Linden, S., van der Lee, R., & **Zarzezna, N.** (2021). A group processes approach to antiscience beliefs and endorsement of “alternative facts”. *Group Processes & Intergroup Relations* 24 (4), 513-517. <https://doi.org/10.1177/13684302211009708>
- Sharp, C.A., Leicht, C., Rios, K., **Zarzezna, N.**, & Elsdon-Baker, F. (2021). Religious diversity in science: Stereotypical and counter-stereotypical social identities. *Group Processes & Intergroup Relations*, 1368430220987598. <https://doi.org/10.1177/1368430220987598>
- **Zarzezna, N.**, von Hecker, U., Proulx, T., & Haddock, G. (2020). Powerful men on top: Stereotypes interact with metaphors in social categorizations. *Journal of Experimental Psychology: Human Perception and Performance*, 46(1), 36–65. <https://doi.org/10.1037/xhp0000699>
- +Hanel, P., +**Zarzezna, N.**, & Haddock, G. (2018). Sharing the same political ideology yet endorsing different values: European left- and right-wing political supporters are more heterogeneous than moderates. *Social Psychological and Personality Science*, 10(7), 874-882. <https://doi.org/10.1177/1948550618803348>

Peer Review

Special Issue Co-Editor at *Group Processes and Intergroup Relations* (2020 - 2021): A group processes approach to antiscience beliefs and endorsement of “alternative facts”, with B.T. Rutjens, S. van der Linden, & R. van der Lee.

Reviewer for:

Journal of Experimental Psychology: General
 Psychonomic Bulletin & Review
 Personality and Social Psychological Science
 Social Psychological and Personality Science
 British Journal of Social Psychology
 Group Processes and Intergroup Relations

Professional Membership

European Association of Social Psychology (EASP)
 The International Research Network for the Study of Science and Belief in Society (INSBS)

Invited Talks

- **University of Essex**, Psychology Department, *Distance to science predicts science scepticism* (2022)
- **University of Sussex**, Social Psychology Lab, *Psychological distance to science* (2021)
- **Cardiff University**, Social Psychology Lab, *Science communication and source credibility in Covid-19 prevention advice acceptance* (2021)
- **Radboud University & The Netherlands Flanders Communication Association**, Symposium on Contested Science, *Psychological distance to science* (2021)

- **Cardiff University**, Social Psychology Lab, *Science scepticism and psychological distance* (2020)

Conferences

- **Zarieczna, N.**, Većkalov, B., Hoffstadt M., & Rutjens, B.T. (2023). Psychological distance to science: Decreasing distance reduces science scepticism. *Symposium on understanding and reducing distrust in science with: H. Sungur, M. Petrović, M. Hornsey, S. van der Linden at the EASP General Meeting Krakow, Poland.*
- **Zarieczna, N.**, Hanel, P. H.P., Rutjens, B. T., Bono, S., Chen, Y.H., & Haddock, G. (2021). Scientists, speak up! Source impacts trust in and intentions to comply with health advice cross-culturally. *Paper presented at the International Research Network for the Study of Science and Belief in Society (INSBS), University of Birmingham: STEMM and Belief in Diverse Contexts, online.*
- **Zarieczna, N.**, Većkalov, B., Niehoff, E., & Rutjens, B.T. (2021). Decreased psychological distance to gene editing reduces public scepticism. *Poster presented at the SPSP Annual Convention: Attitudes & Social Influence Preconference, online.*
- **Zarieczna, N.**, von Hecker, U., Haddock, G. (2017). Males on top: Stereotypical thinking involves spatial simulation. *Paper presented at the Transfer of Knowledge Conference on Social Cognition (ESCON), Gdansk, Poland.*
- **Zarieczna, N.**, von Hecker, U., Haddock, G. (2017). Males on top: Stereotypical thinking involves spatial simulation. *Poster presented at the 18th General Meeting of The European Association of Social Psychology, Granada, Spain.*
- **Zarieczna, N.**, von Hecker, U., Haddock, G. (2017). Are males on top and females on bottom? Stereotypical thinking involves spatial simulation. *Poster presented at the Speaking of Science Conference, Cardiff, UK.*

Teaching Experience

Invited Lectures

- **University of Amsterdam**, BSc Psychology. Cross-cultural psychology and perceptions of science and religion conflict (2022; 2023).
- **Vrije Universiteit Amsterdam**, MSc Organisational Psychology. Science scepticism and science communication techniques (2021).

Dissertation Supervision

2020-2022

University of Amsterdam

BSc Psychology, Research Methods MSc students in Social Psychology

Lecturer and Contributor to Module Design

2021

University of Amsterdam

Research Methods MSc Psychology Course: From Art to Science: The Psychology of Worldviews

Postgraduate Tutor/Teaching Assistant

2015 – 2019

Cardiff University, UK

Year 1 BSc Psychology: Scientific writing

Year 2 BSc Psychology: Modules: Social Cognition, Social Psychology, Cognitive Psychology

Year 3 BSc Psychology: Decision-making

Professional Courses

- **Providing Feedback to Students** (University of Amsterdam) **2022**
- **Student Supervision and Teaching** (University of Amsterdam) **2021**
- **PsychoPy** Experiment builder/Python programming workshop **2018**
(Cardiff University)
- **Real World Eye Tracking** - Advanced training in applied eye tracking **2017**
(Royal Holloway, University of London)
- **Python: An Introduction to Programming** **2016**
(Cardiff University, Doctoral Academy)
- **Small Group Teaching** Course in Social Sciences **2015**
(Cardiff University, Doctoral Academy)
- **Teaching Training** Course for Postgraduate Tutors **2015**
(Cardiff University, School of Psychology)

Research Methods and Software

- Eye-tracking (including pupillometry; Tobii hardware)
- Presentation software: EPrime, PsychoPy, Pavlovia
- Survey software: Qualtrics
- Statistics software: R & SPSS