

# ZHANG CHEN

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## POSITIONS

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**FWO Post-doctoral Fellow**  
Ghent University, Belgium

*October 2021 - September 2024*

**Post-doctoral Researcher**  
Ghent University, Belgium

*January 2019 - September 2021*

## EDUCATION

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**PhD in Psychology (Cum Laude)**  
Radboud University, the Netherlands (defended in February 2020)

*September 2014 - December 2018*

**MSc in Behavioural Science (Cum Laude)**  
Radboud University, the Netherlands

*September 2012 - June 2014*

**BSc in Applied Psychology**  
Zhejiang University, China

*September 2008 - June 2012*

## PUBLICATIONS

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26. Eben, C., Vermeulen, L., Chen, Z., Notebaert, W., Ivanchei, I., & Verbruggen, F. (2023). When Response Selection Becomes Gambling: Post-error Slowing and Speeding in Self-paced Colour Discrimination Tasks. *Collabra: Psychology*, 9(1), 73052. <https://doi.org/10.1525/collabra.73052>
25. Buchanan, E. M., Lewis, S. C., Paris, B. et al. (2023). The Psychological Science Accelerator's COVID-19 rapid-response dataset. *Scientific Data*. 10, 87. <https://doi.org/10.1038/s41597-022-01811-7>
24. Eben, C., Chen, Z., Billieux, J., & Verbruggen, F. (2022). Outcome sequences and illusion of control - Part II: The effect on post-loss speeding, *International Gambling Studies*. <https://doi.org/10.1080/14459795.2022.2135227>
23. Eben, C., Chen, Z., Billieux, J., & Verbruggen, F. (2022). Outcome sequences and illusion of control - Part I: An online replication of Langer & Roth (1975), *International Gambling Studies*. <https://doi.org/10.1080/14459795.2022.2133906>
22. Dorison, C.A., Lerner, J.S., Heller, B.H. et al. (2022). In COVID-19 Health Messaging, Loss Framing Increases Anxiety with Little-to-No Concomitant Benefits: Experimental Evidence from 84 Countries. *Affective Science*. <https://doi.org/10.1007/s42761-022-00128-3>
21. Chen, Z., & Veling, H. (2022). Toward a better understanding of durable behavior change by food Go/NoGo training. *Current Opinion in Behavioral Sciences*. 48, 101212. <https://doi.org/10.1016/j.cobeha.2022.101212>
20. Chen, Z., Doekemeijer, R. A., Noël, X., & Verbruggen, F. (2022). Winning and losing in online gambling: Effects on within-session chasing. *PLOS ONE*. 17(8), e0273359. <https://doi.org/10.1371/journal.pone.0273359>

19. Psychological Science Accelerator Self-Determination Theory Collaboration (2022). A global experiment on motivating social distancing during the COVID-19 pandemic. *Proceedings of the National Academy of Sciences*. 119(22), e2111091119. <https://doi.org/10.1073/pnas.2111091119>
18. Reimer C.B., Chen Z., Verbruggen F. (2021). Benefits and costs of self-paced preparation of novel task instructions. *Royal Society Open Science*. 8: 210762. <https://doi.org/10.1098/rsos.210762>
17. Wang, K., Goldenberg, A., Dorison, C.A. et al. (2021). A multi-country test of brief reappraisal interventions on emotions during the COVID-19 pandemic. *Nature Human Behavior*. 5, 10891110. <https://doi.org/10.1038/s41562-021-01173-x>
16. Chen, Z., Holland, R. W., Quandt, J., Dijksterhuis, A., & Veling, H. (2021). How preference change induced by mere action versus inaction persists over time. *Judgment and Decision Making*. 16(1), 201-237. [Link]
15. Chen, Z., Reimer, C. B., & Verbruggen, F. (2020). Proximity and expectancy modulate response vigor after reward omission. *Collabra: Psychology*. 6(1), 18184. <https://doi.org/10.1525/collabra.18184>
14. Tierney, W., Hardy, J. H., III., ... Culture and Work Morality Forecasting Collaboration, & Uhlmann, E. L. (2021). A creative destruction approach to replication: Implicit work and sex morality across cultures. *Journal of Experimental Social Psychology*. 93, 104060. <https://doi.org/10.1016/j.jesp.2020.104060> (Member of Forecasting Collaboration).
13. Eben, C., Chen, Z., Cracco, E., Brass, M., Billieux, J., & Verbruggen, F. (2020). Are post-error adjustments influenced by beliefs in free will? A failure to replicate Rigoni, Wilquin, Brass and Burle, 2013. *Royal Society Open Science*. 7, 200664. <http://doi.org/10.1098/rsos.200664>
12. Eben, C., Chen, Z., Vermeulen, L., Billieux, J., & Verbruggen, F. (2020). A direct and conceptual replication of post-loss speeding when gambling. *Royal Society Open Science*, 7(5), 200090. <https://doi.org/10.1098/rsos.200090>
11. Reimer, C. B.\*, Chen, Z.\*, Bundt, C., Eben, C., London, R. E., & Vardanian, S. (2019). Open Up - the Mission Statement of the Control of Impulsive Action (Ctrl-ImpAct) Lab on Open Science. *Psychologica Belgica*, 59(1), 321-337. <https://doi.org/10.5334/pb.494>  
\* equal contribution
10. Veling, H., Chen, Z., Liu, H., Quandt, J., & Holland, R. W. (2019). Updating the p-curve analysis of Carbine and Larson with results from preregistered experiments. *Health Psychology Review*, 16. <https://doi.org/10.1080/17437199.2019.1669482>
9. Quandt, J., Holland, R. W., Chen, Z., & Veling, H. (2019). The role of attention in explaining the no-go devaluation effect: Effects on appetitive food items. *Journal of Experimental Psychology: Human Perception and Performance*, 45(8), 1119-1133. <https://doi.org/10.1037/xhp0000659>
8. Scholten, H., Granic, I., Chen, Z., Veling, H., & Lijten, M. (2019). Do smokers devalue smoking cues after go/no-go training? *Psychology & Health*, 34(5), 609-625. <https://doi.org/10.1080/08870446.2018.1554184>
7. Chen, Z., Holland, R. W., Quandt, J., Dijksterhuis, A., & Veling, H. (2019). When mere action versus inaction leads to robust preference change. *Journal of Personality and Social Psychology*, 117(4), 721-740. <https://doi.org/10.1037/pspa0000158>
6. Zoltak, M. J., Veling, H., Chen, Z., & Holland, R. W. (2018). Attention! Can choices for low value food over high value food be trained? *Appetite*, 124, 124-132. <https://doi.org/10.1016/j.appet.2017.06.010>
5. Chen, Z., Veling, H., de Vries, S. P., Bijvank, B. O., Janssen, I. M. C., Dijksterhuis, A., & Holland, R. W. (2018). Go/no-go training changes food evaluation in both morbidly obese

and normal-weight individuals. *Journal of Consulting and Clinical Psychology*, 86(12), 980-990. <https://doi.org/10.1037/ccp0000320>

4. Chen, Z., Veling, H., Dijksterhuis, A., & Holland, R. W. (2018). Do impulsive individuals benefit more from food go/no-go training? Testing the role of inhibition capacity in the no-go devaluation effect. *Appetite*, 124, 99-110. <https://doi.org/10.1016/j.appet.2017.04.024>  
\* Best paper award at Behavioural Science Institute day (first), 2018
3. Veling, H., Lawrence, N. S., Chen, Z., van Koningsbruggen, G. M., & Holland, R. W. (2017). What Is Trained During Food Go/No-Go Training? A Review Focusing on Mechanisms and a Research Agenda. *Current Addiction Reports*, 4(1), 35-41. <https://doi.org/10.1007/s40429-017-0131-5>
2. Veling, H., Chen, Z., Tombrock, M. C., Verpaalen, I. A. M., Schmitz, L. I., Dijksterhuis, A., & Holland, R. W. (2017). Training impulsive choices for healthy and sustainable food. *Journal of Experimental Psychology: Applied*, 23(2), 204-215. <https://doi.org/10.1037/xap0000112>
1. Chen, Z., Veling, H., Dijksterhuis, A., & Holland, R. W. (2016). How does not responding to appetitive stimuli cause devaluation: Evaluative conditioning or response inhibition? *Journal of Experimental Psychology: General*, 145(12), 1687-1701. <https://doi.org/10.1037/xge0000236>  
\* Best paper award at Behavioural Science Institute day (second), 2017

## PREPRINTS

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2. Chen, Z., Eben, C., & Verbruggen, F. (2023, April 26). Differential effects of prior outcomes and pauses on the speed and quality of risky choices. <https://doi.org/10.31234/osf.io/ur6a3>
1. Chen, Z., Eben, C., Reimer, C., & Verbruggen, F. (2023, March 13). Am I winning or losing? Probing the appraisal of partial wins via response vigor. <https://doi.org/10.31219/osf.io/6zjpr>

## GRANTS AND AWARDS

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### Personal grants and awards

- Junior postdoctoral fellowship, the Research Foundation - Flanders (FWO) 2021-2024  
*3-year salary + research funding, approximately €210,000*
- Data Champion Award from Behavioural Science Institute, Radboud University 2018  
*for the adoption and promotion of Open Science practices*
- Nijmegen Cologne Social Cognition Grant, Radboud University (€2000) 2016

### Studentships

*I have supported my PhD student in successfully acquiring grants:*

- FRESH doctoral grant (Nilosmita Banerjee), Fund for Scientific Research - FNRS 2023-2026  
*4-year salary + research funding, approximately €130,000*
- FNRS Aspirant Seed Award (Nilosmita Banerjee), Université Libre de Bruxelles 2022  
*1-year salary + research funding, approximately €28,000*

## SELECTED TALKS AND POSTERS

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### Selected Talks

- Talk on food go/no-go training at doctoral school *Studying self-regulation in the context of health-related behaviors: Theoretical background, research methodology and implications*. September 19, 2019. Ghent, Belgium.

- *Changing impulsive choices via the go/no-go training.* The self-regulation of health pre-conference for European Association of Social Psychology General Meeting. July, 2017. Granada, Spain.
- *How does not responding to appetitive stimuli cause devaluation: An inhibition account.* The 5th European Meeting on the Psychology of Attitudes. July, 2016. Cologne, Germany.
- *When does go/no-go training influence food evaluations?* The symposium on Decision-Making in the Food Domain: From Brain to Behavior Change. March, 2015. Utrecht, the Netherlands.

### Selected Posters

- Chen, Z., Reimer, C. B. & Verbruggen, F. *Speeding up after reward omission: The role of reward expectation.* The 17th NVP Winter Conference on Brain and Cognition. December, 2019. Egmond aan Zee, the Netherlands.
- Chen, Z., Veling, H., Dijksterhuis, A., & Holland, R. W. *How does not responding to appetitive stimuli lead to devaluation?.* The 2017 Society for Personality and Social Psychology Conference. January, 2017. San Antonio, US.
- Chen, Z., Veling, H., Tombrock, M. C., Verpaalen, I. A. M., Schmitz, L. I., Dijksterhuis, A., & Holland, R. W. *Changing food choice through cued approach: Impulsive or deliberative response?.* The 39th annual meeting of the British Feeding and Drinking Group. April, 2015. Wageningen, the Netherlands.

## TEACHING AND SUPERVISION

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### Teaching

Lecture in Bachelor course <i>Paradigms in Experimental Psychology</i> , Ghent University	2019-2022
Lecture in Bachelor course <i>Applied Research Methods</i> , Radboud University	2017-2018
Workshop for Bachelor course <i>Psychology of Eating</i> , Radboud University	2016
Workshop for Bachelor course <i>Eating Behaviours</i> , Radboud University	2015

### Supervision

Co-supervisor Nilosmita Banerjee (PhD candidate), Université Libre de Bruxelles	2021-Present
Supervision of Master thesis (6 students), Ghent University	2019-Present
Supervision of Bachelor thesis (7 students), Ghent University	2019-Present
Supervision of Bachelor thesis (11 students), Radboud University	2016-2018

## AD HOC REVIEWING

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*See my web of science profile for an overview of my peer review activities. I have reviewed for:*

Addictive Behaviors • Appetite • Cognitive, Affective, & Behavioral Neuroscience • Emotion • Health Psychology Review • International Gambling Studies • Journal of Behavioral Medicine • Journal of Cognition • PCI Registered Reports • Personality and Social Psychology Bulletin • Plos One • Psychological Research • Royal Society Open Science

## EDITORIAL ROLES

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Recommender at PCI Registered Reports June 2022-Present

## PROGRAMMING SKILLS

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R • Python • jsPsych (JavaScript)

## LANGUAGES

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Chinese (native) • English (professional) • Dutch (B2)