

CURRICULUM VITAE

KRISTÓF KOVÁCS

Date of Birth: 12/05/1979

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Education

| <u>Institution and Programme attended</u> | <u>Degree</u> |
|---|-------------------|
| <i>University of Cambridge, Cambridge, United Kingdom</i> | PhD (April, 2010) |
| <i>University of Cambridge, Cambridge, United Kingdom</i> | Mphil (May, 2006) |
| <i>University of Szeged, Szeged, Hungary</i> | MA (June, 2003) |

Employment

| <u>Institution</u> | <u>Position</u> |
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| <i>Institute of Psychology Eötvös Loránd University, Hungary</i> | Senior Research Fellow (September 2017 –) |
| <i>Institute for Advanced Studies Central European University, Hungary</i> | Junior Core Fellow (October 2017 – June 2018) |
| <i>Institute of Psychology Eszterházy Károly University, Hungary</i> | Senior Research Fellow (December 2014 – August 2017) |
| <i>Department of Psychological Methods University of Amsterdam, The Netherlands</i> | Marie Curie Fellow (September 2012 – August 2014) |
| <i>Department of Cognitive Science, Budapest University of Technology and Economics, Hungary</i> | Magyary Zoltan Postdoctoral Fellow (April 2010 – March 2011) |

Grants, Awards and Scholarships

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| 2021- | Young Researcher Excellence Award (National Research, Development, and Innovation Office, Hungary) |
| 2021- | János Bolyai Scholarship (Hungarian Academy of Sciences) |
| 2021- | New National Excellence Program of the Ministry for Innovation and Technology |
| 2019 | Funding for research groups with internationally outstanding high impact results (National Research, Development, and Innovation Office, Hungary) |
| 2017 | Postdoctoral Fellowship (National Research, Development, and Innovation Office, Hungary) |
| 2014 | New Central Europe Excellent Researcher Scholarship |
| 2012 | Marie Curie Intra-European Fellowship |
| 2010 | Zoltan Magyary Postdoctoral Fellowship |
| 2009 | Study Visit Grant (British Experimental Psychology Society) |
| 2004-2008 | Benefactors' Scholarship (St. John's College, University of Cambridge) |

Other professional activity

International Supervisory Psychologist of Mensa
Supervisory Psychologist of Mensa HungarIQa

Publications

- Akhtar, H., & **Kovacs, K.** (2023). Which tests should be administered first, ability or non-ability? The effect of test order on the careless responding. *Personality and Individual Differences*, 207(February), 112157. <https://doi.org/10.1016/j.paid.2023.112157>
- **Kovacs, K.**, & Pléh, C. (2023). William Stern: The Relevance of His Program of ‘Differential Psychology’ for Contemporary Intelligence Measurement and Research. *Journal of Intelligence*, 11(3), 41. <https://doi.org/10.3390/jintelligence11030041>
- Fries, J., Baudson, T. G., **Kovacs, K.**, & Pietschnig, J. (2022). Bright, but allergic and neurotic? A critical investigation of the “overexcitable genius” hypothesis. *Frontiers in Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.1051910>
- Fries, J., **Kovacs, K.**, Zeilinger, E. L., & Pietschnig, J. (2022). Is There a “Gifted Personality”? Initial Evidence for Differences between MENSA and General Population Members in the HEXACO Personality Inventory. *Journal of Intelligence*, 10(4), 92.
- Ágoston, C., Urbán, R., Nagy, B., Csaba, B., Kőváry, Z., **Kovács, K.**, ... & Demetrovics, Z. (2022). The psychological consequences of the ecological crisis: three new questionnaires to assess eco-anxiety, eco-guilt, and ecological grief. *Climate Risk Management*, 37, 100441.
- Akhtar, H., Silfiasari, Vekety, B., & **Kovacs, K.** (2022). The Effect of Computerized Adaptive Testing on Motivation and Anxiety: A Systematic Review and Meta-Analysis. *Assessment*, 10731911221100995.
- Kovács, I., **Kovács, K.**, Gerván, P., Utczás, K., Oláh, G., Tróznai, Z., ... & Gombos, F. (2022). Ultrasonic bone age fractionates cognitive abilities in adolescence. *Scientific reports*, 12(1), 1-14.
- **Kovacs, K.** (2022). Individual differences: The history of the abandoned child of experimental psychology. In Gervain, J., Csibra, G., Kovacs, K. (ed.) *A Life in Cognition. Studies in Cognitive Science in Honor of Csaba Pléh.* Springer
- Conway, A.R.A.; **Kovacs, K.**; Hao, H.; Rosales, K.P.; Snijder, J.-P. (2021). Individual Differences in Attention and Intelligence: A United Cognitive/Psychometric Approach. *Journal of Intelligence*, 9(3), 34.
- Schmank, C. J., Goring, S. A., **Kovacs, K.**, & Conway, A. R. A. (2021). Investigating the Structure of Intelligence Using Latent Variable and Psychometric Network Modeling: A Commentary and Reanalysis of McFarland. *Journal of Intelligence*. 9, 8.
- Conway, A. R. A., **Kovacs, K.**, Hao, H., Goring, S. A., & Schmank, C. (2020). The Struggle Is Real: Challenges and Solutions in Theory Building. *Psychological Inquiry*, 31(4), 302–309.
- **Kovacs, K.**, & Conway, A. R. A. (2020). Process overlap theory, executive functions, and the interpretation of cognitive test scores. *Journal of Applied Research in Memory and Cognition*, 9, 419-424.
- Ujma, P. & **Kovacs, K.** (2020). The Mitochondrial Theory of *g* Is Incompatible with Genetic Evidence and Does Not Explain Statistical Phenomena. *Journal of Intelligence*, 8(3), 27.
- De Boeck, P., & **Kovacs, K.** (2020). The Many Faces of Intelligence: A Discussion of Geary’s Mitochondrial Functioning Theory on General Intelligence. *Journal of Intelligence*, 8(1), 8.
- Conway, A. R. A. & **Kovacs, K.** (2020). Working memory and intelligence. In R. Sternberg (Ed.), *The Cambridge Handbook of Intelligence*. Cambridge: Cambridge University Press, 504-527.
- **Kovacs, K.**, & Conway, A. R. A. (2019). A Unified Cognitive/Differential Approach to Human Intelligence: Implications for IQ Testing. *Journal of Applied Research in Memory and Cognition*, 8, 255–272.
- Schmank, C. J., Goring, S. A., **Kovacs, K.**, & Conway, A. R. A. (2019). Psychometric Network Analysis of the Hungarian WAIS. *Journal of Intelligence*, 7(3), 21.
- **Kovacs, K.**, Molenaar, D., & Conway, A. R. A. (2019). The domain specificity of working memory is a matter of ability. *Journal of Memory and Language*, 109, 104048.
- **Kovacs, K.** & Conway, A. R. A. (2019). What is IQ? Life beyond general intelligence. *Current Directions in Psychological Science*, 28, 189-194.
- **Kovacs, K.** (2019). Process overlap theory: How the interplay between general and specific cognitive processes accounts for the positive manifold in intelligence. In D. McFarland (Ed.) *General and Specific Mental Abilities*, Cambridge Scholars Publishing, 132-152.
- Conway, A. R. A., & **Kovacs, K.** (2018). The Nature of the General Factor of Intelligence. In R. Sternberg (Ed.), *The Nature of Human Intelligence* (pp. 49-63). Cambridge: Cambridge University Press
- Gignac, G. E., **Kovacs, K.**, & Reynolds, M. R. (2018). Backward and forward serial recall across modalities: An individual differences perspective. *Personality and Individual Differences*, 121, 147–151.
- **Kovacs, K.**, & Conway, A. R. A. (2017). The evolution of fluid intelligence meets formative *g*. *Behavioral and Brain Sciences*, 40, 35-36.

- Gignac, G. E., Reynolds, M. R., & **Kovacs, K.** (2017) Digit span subscale scores may be insufficiently reliable for clinical interpretation: Distinguishing between stratified coefficient alpha and omega hierarchical. *Assessment*, 1073191117748396.
- **Kovacs, K.**, & Conway, A. R. A. (2016). Has *g* gone to POT? *Psychological Inquiry*, 27, 241-253.
- **Kovacs, K.**, & Conway, A. R. A. (2016). Process overlap theory: A unified account of the general factor of intelligence. *Psychological Inquiry*, 27, 151–177.
- Conway, A. R. A., & **Kovacs, K.** (2015). New and emerging models of intelligence. *Wiley Interdisciplinary Reviews: Cognitive Science*, 6, 419-426.
- Conway, A. R. A., & **Kovacs, K.** (2013). Individual differences in intelligence and working memory: A review of latent variable models. In B. H. Ross (Ed.), *The Psychology of Learning and Motivation, Vol. 58*. New York: Academic Press, 233-270.
- **Kovacs, K.** (2007). Modern technology and the secular increase in IQ. In Kristóf Nyíri (ed.) *Mobile Studies: Paradigms and Perspectives*, Vienna: Passagen Verlag, 2007, 59-69.
- **Kovacs, K.**, Plaisted, K. C. & Mackintosh, N. J. (2006). Difficulties differentiating dissociations. *Behavioral and Brain Sciences*, 29, 138-139.