

Curriculum Vitae

Ildikó Király

Place and Date of Birth: Budapest, 1973.02.28.

Researcher unique identifier(s): orcid.org/0000-0002-4857-1764

<http://babalabor.hu>

I. Education and Scientific Career

Education

- 2019** *Doctorat Scientia (DSc)* – Hungarian Academy of Sciences, Budapest
- 2008** *Habilitation (dr. habil)* – Eötvös Loránd University, Budapest (554/2008)
- 2002** *PhD* – Psychological Science (Cognitive Psychology), Eötvös Loránd University, Budapest (summa cum laude, P-874/2002)
- 1992-1997** *Psychology (MA)* – Eötvös Loránd University, Faculty of Humanities (989/97)
- 1993-2000** *Cultural Anthropology (MA)* – Eötvös Loránd University, Faculty of Humanities (1151/2000)
- 1987-1991** Gárdonyi Géza Secondary School, Eger

Other certificates

- 2017** Academic Teaching Excellence, EMI *course*, British Council
- 2010** Practical Use of NIRS in Developmental Research Course, CEU, Budapest
- 2002** Theory and Practical Use of ERPs' Course, CBCD, Birkbeck College, London, UK

Languages

- English** Professional (Certificate No: C. 1989., 038646)
- French** Good (Certificate No.: C. 1991., 0105648)

Current position(s)

- 2008 – Professor
Cognitive Psychology Department, Psychology Institute, Eötvös Loránd University Budapest, Hungary
- 2015 – Reseach Consultant
Central European University, Budapest, Hungary

Previous positions

2002 – 2008 Post Doctoral Research Fellow
Cognitive Development Group, Psychology Institute, Hungarian Academy of Sciences

Scientific Awards and Fellowships

- 2020** Paris Institute for Advanced Study, Senior Fellowship
feb-june
- 2019** Academia Europaea Membership
- 2014-** CEU Institute for Advanced Study, *Senior Core Fellowship*,
2015 <http://ias.ceu.edu/people/ildiko-kiraly>
- 2011** Hungarian Eötvös Fellowship - Research Abroad, University Massachusetts Boston
- 2008-** Bolyai Research Fellowship of the Hungarian Academy of Sciences
2010
- 2004** Sylvia Brody Prize for Developmental Research, New York Psychoanalytic Association
- 2003-** Bolyai Research Fellowship of the Hungarian Academy of Sciences
2007
- 2002** Prize of the Hungarian Academy of Sciences for Young Researcher
- 2002** Pro Renovanda Cultura Hungariae Foundation- Publication Award

II. Selected Publications

The most relevant 10 publications

5 from the last 5 years:

Linnert, Sz., Tóth, B., Nagy, M., Parise, E., **Király, I.** (2019). Neural signatures of recognition memory in 10-to 12-month-old infants, *Neuropsychologia* 126, :75-81, <https://doi.org/10.1016/j.neuropsychologia.2017.08.023>

Király I, Oláh K, Csibra G, Kovács Á. M. (2018) Retrospective attribution of false beliefs in 3-year-old children. *Proceedings of the National Academy of Sciences of the United States of America*. <https://doi.org/10.1073/pnas.1803505115>

Király, I. Takács, Sz., Kaldy, Zs., Blaser, E. (2017). Preschoolers have better memory for text than adults, *Developmental Science*, 20 (3). <http://dx.doi.org/10.1111/desc.12398>.

Elekes, F., Varga, M. **Király, I.** (2016). Evidence for spontaneous level-2 perspective taking in adults. *Consciousness and Cognition*, 41. 93–103.

Elekes, F., Bródy, G., Halász, E., **Király, I.** (2016). Enhanced encoding of the co-actor's target stimuli during a shared non-motor task. *The Quarterly Journal of Experimental Psychology* 69, 2376-2389

5 from the entire career:

Király, I., Csibra, G., Gergely Gy. (2013). Beyond rational imitation: Learning arbitrary means actions from communicative demonstrations. *Journal of Experimental Child Psychology* 116, 471–486.

Egyed, K., **Király, I.,** Gergely, Gy (2013). Communicating Shared Knowledge in Infancy. *Psychological Science*. Vol.24, No 7. 1348-1353.

- Kampis D, Somogyi E, Itakura S, **Király I** (2013). Do infants bind mental states to agents? *Cognition* 129: (2) 232-240.
- Gergely, G., Egyed, K., **Király, I.** (2007). On pedagogy. *Developmental Science* 10 (1), 139-146.
- Gergely, Gy., Bekkering, H., **Király, I.** (2002). Rational imitation of goal directed actions in preverbal infants. *Nature Vol. 415. p. 755.*

III. Experiences as Principle Investigator

- 2008** Foundation of *Social Minds Research Group* at ELTE, opening new labs with infrastructure for studying young children's behaviour

Research Grants and Funding

- 2017-2022** Hungarian Academy of Sciences, Momentum Program MTA- LP- 96 228 „Social Curiosity: The cognitive basis of human sociality”
- 2016-2020** OTKA (Hungarian National Research Funding Agency) K 116779 Research grant - „Perspectives – New vistas in the research on Theory of Mind”
- 2013-2016** OTKA (Hungarian National Research Funding Agency) K 109352 Research grant - 'The cognitive bases of naive sociology'
- 2010-2013** KMOP-4.2.1/B-10-2011-0002. Lab Infrastructure Extension grant
- 2010-2012** TÁMOP 4.2.1./B-09/1/KMR-2010-0003, 5.1.4 Research grant, investigator on 'The neurocognitive correlates of learning and memory'
- 2004-2007** OTKA T 047071 Research grant - 'The role of goals in event memory formation and its development'

Participation in distinguished research programs

- 2015-** ERC Synergy Grant SOMICS (*Constructing Social Minds: Coordination, Communication, and Cultural Transmission*) Principle investigators - György Gergely; CEU, Dan Sperber, CEU; Günther Knoblich, CEU; Josep Call, Max Planck Institute for Evolutionary Anthropology)
researcher - Target topic: 'True belief tracking in children and adults', 'Testing relevance theory in adults and infants', 'The emergence of justification in infants' reasoning'
- 2005-2008** FP6 -EDICI (*Evolution, development and intentional control of imitation* , Principle investigators: Cecilia Heyes – University College London; Ludvig Huber – University of Vienna; Marcel Brass – Max Planck Institute for Human Cognitive and Brain Sciences in Leipzig)
researcher - WP 3.1 Imitation and communicative-referential cues in infancy
- 2005-2008** FP6- NEUROCOM (*Neural origins of language and communication*, Principle investigator: Guy Orban -K.U. Leuven; Emmanuel Dupoux - EHESS, Paris; Stanislas DeHaene - INSERM, Orsay; Giacomo Rizzolatti – University of Parma)

researcher - WP 4.: Infant studies on the effect of Natural pedagogy on referential understanding

IV. Public Services to the Academic Community

Function in professional Boards

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| <i>Hungarian Psychological Association, General and Personality Psychology Section</i> | <i>Secretary 2000-2010</i> |
| <i>Pro Psychologia Association</i> | <i>Member and secretary 2001-2008</i> |
| <i>Central European Cognitive Science Association</i> | <i>Member from 2014</i> |
| <i>Research Network "MeiCogSCi: Middle European Interdisciplinary Master Program in Cognitive Science"</i> | <i>Member from 2014</i> |

Membership in Editorial Boards

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| <i>'Tudomány és Lélek'</i> | <i>Action editor 2000-2007</i> |
| <i>'Pszichológia'</i> | <i>Editor, 2006-2010</i> |
| <i>'Alkalmazott Pszichológia'</i> | <i>Editorial member from 2010</i> |

Membership in Professional Bodies

Hungarian Psychological Association
Hungarian Anthropological Society

Reviewership

Ad Hoc Grant Reviewer: *National Science Foundation, OTKA*, (from 2004)
Ad Hoc Grant Reviewer, *National Science Foundation*, (from 2008)
External Expert Reviewer, *EU COST Association* (from 2014)
Hungarian Academy of Sciences, Grant on Teaching Methodology, expert reviewer, 2014
External Reviewer, *The Netherlands Organisation for Scientific Research (NWO)* (from 2017)

Peer- reviewing activities

International: *British Journal of Developmental Psychology, Child Development, Child Development Perspectives, Cognition, Developmental Psychology, Developmental Science, Emotion, Frontiers in Developmental Psychology, Infancy, Infant Behaviour and Development, Infant and Child Development, Journal of Child Language, Journal of Experimental Psychology: Human Perception and Performance; Journal of Experimental Child Psychology, Journal of Experimental Brain Research, Philosophical Transactions: B.; Review of Philosophy and Psychology, Trends in Cognitive Sciences*

National: *Magyar Pszichológiai Szemle, Pszichológia, Alkalmazott Pszichológia*

Invited talks:

- Király I. (2020) The development of the pragmatic sense. *E-Seminar at LPP Babylab, CNRS, Paris, 30th of April, 2020*
- Király I. (2020) Social Curiosity. *E-Seminar at IEA Paris, 24th of March, 2020*
- Király I. (2019) Belief revision in infants, children and adults. Invited talk at *The development of understanding the self and other Workshop*, University of Copenhagen, 10-11th of October, 2019
- Király I. (2019) Level-2 perspective monitoring Invited lecture at *Cognitive Seminar, University of Copenhagen*, 3rd of October, 2019
- Király, I. Kovács, Á. (2019). Social Minds: Shifting the ‘Social’ from Context to Cognition – Infancy Research as a Case Study. Invited plenary talk at the 38th Annual Conference of the European Society for the History of the Human Sciences July 4th -6 th , 2019, Budapest
- Király, I. (2019): Az egyedi emlékek rejtélye: mikortól képesek kisgyermekek saját megkülönböztetett tapasztalataikat felidézni? *Grastyán Endre Emlékelőadás, Magyar Pszichológiai Társaság Nagygyűlése, Debrecen, 2019 május 31.*
- Király, I. (2018): Perspectives: the processes of belief computation and updating. Talk presented at the Psychology Seminar Series of Portsmouth University, Portsmouth, GB, 24th of October, 2018.
- Király, I. (2018): Ostensive communication and the creation of a shared representational space. Talk presented at the *Freigeist Workshop: Navigating the social world: a cross-cultural and Developmental Perspective*. Berlin, Germany, 31th of August, 2018.
- Király I. (2017) Two routes of belief attribution: on-line tracking and off-line episodic inferences. Paper presented at the *Joint MPI – Synergy Workshop, Leipzig, Max Planck Institute for Evolutionary Anthropology, April 11., 2017.*
- Király, I. (2016): Episodic updating in False Beliefs. Paper presented at *Pécs Workshop On Cognitive and Developmental Psychology, Pécs, Hungary, November 10-11., 2016.*
- Király, I. (2016): Naïve Sociology – The Core Processes of Learning and Acting in Social Groups Invited Talk presented at *GDR Neurosciences Cognitives du Développement*, Paris, France, 10th of June, 2016
- Király, I. (2015): Naïve Sociology – The Core Processes of Learning and Acting in Social Groups, Invited talk at *CEU IAS Seminar*, Budapest, 29th of April, 2015
- Király, I. (2015): Episodic recomputation. Talk presented at *Workshop on Metarepresentation, CEU IAS, 5th of March, Budapest*
- Király, I. (2014): Deeply social learning is human infants. Invited talk at *LPP CRNS, Paris, France, 20th of November, 2014*
- Király I. (2013): Representing Other Minds in Human Infants. Invited Talk, *Donders Institute for Brain, Cognition and Behavior, Radboud University, Nijmegen, Netherlands, 27th of November, 2013.*
- Király, I. (2013) The development of Rational imitation. Invited Talk, *University of Leiden,*

Leiden, Netherlands, 28th of November, 2013.

Kiraly I., (2011) Flexibility in early memory representations. Invited talk at *Boston University*, Boston, USA. 16th of May, 2011.

Király, I. (2010) The development of the Head touch task: Theory and Debates. Rational imitation. Invited Talk, *University Massachussets Boston*, USA, October, 2013.

Király, I. (2010) Rational imitation: Theory and Debates. Invited Talk, *University of Kyoto*, Kyoto, Japan, 9th of January, 2009

V. Teaching and supervising experience

Teaching Activities

At the Institute of Psychology, Eötvös Loránd University, from 2005

Undergradual, BA level:

Cognitive Psychology, teaching and course development

Research paper in cognitive psychology – project leader (10 students each semester)

Research paper in developmental psychology – project leader (6-10 students each semester)

Research Methods for Autobiographical memory

Introduction to Neuroscience – course development

Gradual, MA level: Person in Charge for the Specialisation on Cognitive Psychology

Cognitive Psychology - teaching and course development

Human Memory - teaching and course development

Developmental Research - teaching and course development

Social Cognition - teaching and course development

Chapters in cognitive development - teaching and course development

Lab Practice: cognitive development and memory studies – project leader

Studies in the field of memory development 1., 2. - teaching and course development

Cognitive Science MSc English language master program

Introduction to Cognitive Psychology - teacher and course director

Developmental Research – teacher and course developer

Language, Theory of Mind and Consciousness – teacher and course developer

PhD program:

Head of the Cognitive Psychology Doctoral Program, responsible for the Cognitive Development Modul

Memory and development

Cognitive functions and their development

Biological embeddedness of cognitive functions

Social Cognition

– teacher and course developer in Hungarian and in English language as well

Other teaching activities

1998 – 2002 ELTE Faculty of Humanities Department of Cognitive Anthropology
Course: Cognitive Anthropology

Teaching at Summer Schools:

2016 Organiser and course director: CEU SUN course on *Understanding Communication and Understanding Minds: The role of Metarepresentations*, 27th June -2nd July, 2016
<https://summeruniversity.ceu.edu/understanding-2016>

Teaching as guest professor

2019 october *guest professor and researcher*, University of Copenhagen, Copenhagen, Denmark

2016 june *guest professor and researcher*, Laboratoire Ethologie, Cognition, Développement, Université Ouest de Paris, Nanterre – France (Mastercourse on Perspective taking, 8 PhD Students)

2014 april *guest professor* University of Vienna, Ausztria, (Social Learning course, 25 MA students)

2013 november *guest professor*, Donders Institute, Radboud University, Nijmegen, Hollandia
(PhD Mastercourse on Rational Imitation, 10 PhD students)

2012 april *guest professor and researcher*, Goethe Universitat, Frankfurt – PhD Workshop on Memory Development, (Memory Development course, 15 MA students + 5 PhD students)

Supervision of Master's Thesis

2011-2018 *supervision of 36 Thesis* at ELTE Psychology MA program and at the Cognitive Psychology Program of the Technical University, Budapest

Supervision of PhD Studies

Supervision at ELTE:

- Erna Halász (year of PhD awarded: 2013), *The pillars of the emergence of the auto-noetic remembering: The examination of the perspective-taking and the narrative development in early childhood*
- Fuzsina Elekes (year of PhD awarded: 2017), *Evidence for the spontaneous monitoring of the co-actors' focus of attention during live interactions: A novel form of perspective taking?*
- Márton Nagy (year of PhD awarded: 2017), *The investigation of episodic memory with eye-tracking techniques*
- Katalin Oláh, (year of PhD awarded: 2018), *The cognitive basis of naïve sociology*
- Krisztina Peres (2014-), topic: *The development of episodic memory*
- Ágoston Galambos, (2015-), topic: *Face recognition and its development*

- Réka Pető: (2015-), topic: Learning of tool functions
- Andrea Hegedűs (2018-). Topic: Spontaneous priming effect of potential yet ambiguous true beliefs
- Krisztina Andrásiné (2018-). Topic: The episodically shared nature of pretence

Co-supervision at other universities:

- Nazli Altinok (2013-2020), CEU Cognitive Science Program, co-supervision with Prof. Gergely György
- Kim Ziyon (2014-2017), Goethe Universität, Frankfurt, Developmental Psychology program, co-supervision with Prof. Monika Knopf
- Uyen Tran (2017-2021), Université Paris Nanterre, Laboratoire Ethologie Cognition Développement, co-supervision with Dr. Rana Esseily