

CONTACT INFORMATION	Department of Cognitive Science Central European University Quellenstrasse 51 1100 Vienna, Austria PomiechowskaB@ceu.edu	Homepage: https://bpomie.github.io/ OSF: https://osf.io/zguaaj/ GitHub: https://github.com/bpomie Twitter: https://twitter.com/B_Pomiechowska
ACADEMIC POSITIONS	Postdoctoral associate , Central European University, Budapest, Hungary (2018-2021) and Vienna, Austria (2021 –) Advisor: Prof. Gergely Csibra	2018 –
	Postdoctoral researcher , Central European University, Budapest, Hungary Advisor: Dr. Agn�s Melinda Kov�acs, Dr. Erno Teglas	2016 – 2018
	Researcher , Central European University, Budapest, Hungary Advisor: Prof. Gergely Csibra	2015 – 2016
EDUCATION	Ph.D , Birkbeck , University of London, London, UK Centre for Brain and Cognitive Development Thesis: <i>Linguistic and conceptual contributions to the development of object representations in infancy</i> Advisor: Dr. Teodora Gliga	2011 – 2016
	M.Sc. , �cole Normale Sup�rieure , Paris, France Cognitive Science, Psychology Thesis: <i>Consonantal bias in word learning – a crosslinguistic study</i> Advisor: Dr. Thierry Nazzi	2009 – 2011
	B.A. , University of Warsaw , Warsaw, Poland Psychology, Linguistics, Biology Advisor: Dr. Ewa Haman	2005 – 2009
	B.A. , Universit� Michel de Montaigne Bordeaux III , Bordeaux, France Linguistics	2007 – 2008

Publications

JOURNAL ARTICLES	<ol style="list-style-type: none">Pomiechowska, B., & Gliga, T. (2021). Nonverbal category knowledge limits the amount of information encoded in object representations: EEG evidence from 12-month-old infants, <i>Royal Society Open Science</i>, 8(3), 200782. doi.org/10.1098/rsos.200782Pomiechowska, B., Brody, G., Csibra, G., & Gliga, T. (2021). Twelve-month-olds disambiguate new words using mutual-exclusivity inferences, <i>Cognition</i>, 104691. doi.org/10.1016/j.cognition.2021.104691Pomiechowska, B., & Gliga, T. (2019). Lexical acquisition through category matching: 12-month-old infants associate words to visual categories. <i>Psychological science</i>, 30(2), 288-299. doi.org/10.1177/0956797618817506T�r�k, G., Pomiechowska, B., Csibra, G., & Sebanz, N. (2019). Rationality in joint action: Maximizing efficiency in coordination. <i>Psychological science</i>, 30(6), 930-941. doi.org/10.1177/0956797619842550Pomiechowska, B., & Csibra, G. (2017). Motor activation during action perception depends on action interpretation. <i>Neuropsychologia</i>, 105, 84-91. doi.org/10.1016/j.neuropsychologia.2017.01.032Luniewska, M., Haman, E., Armon-Lotem, S., Etenkowski, B., Southwood, F., Andelkovic, D., Pomiechowska, B., ... & Gagarina, N. (2016). Ratings of age of acquisition of 299 words across 25 languages: Is there a cross-linguistic order of words?. <i>Behavior research methods</i>, 48(3), 1154-1177. doi.org/10.3758/s13428-015-0636-6
------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

- BOOK
CHAPTERS
7. Haman, E., Luniewska, M., & **Pomiechowska, B.** (2015). Designing cross-linguistic lexical tasks (CLTs) for bilingual preschool children. [in] *Assessing multilingual children: Distinguishing bilingualism from language impairment*, 196-240.
- TEST
BATTERIES
8. Haman, E., Luniewska, M., Krysztofiak, M., **Pomiechowska, B.**, Szewczyk, J., Wodniecka, Z. (2021) Cross-Linguistic Lexical Tasks - Polish - Revised (CLT - PL - R).
<https://multilada.pl/en/projects/clt/>
- REFEREED
CONFERENCE
PROCEEDINGS
9. **Pomiechowska, B.**, & Csibra, G. (2020). Ten-month-olds infer relative costs of different goal-directed actions. *Proceedings of the 42nd Annual Meeting of the Cognitive Science Society*. shorturl.at/ceio4
10. Schlingloff, L., Tatone, D., **Pomiechowska, B.**, & Csibra, G. (2020). Do Infants Think That Agents Choose What's Best? *Proceedings of the 42nd Annual Meeting of the Cognitive Science Society*. shorturl.at/gvyBF
- UNDER REVIEW
IN PREPARATION
11. **Pomiechowska, B.**, & Csibra, G. (accepted in *Open Mind*). Action interpretation guides referent selection in 12-month-olds. <https://psyarxiv.com/tkhsp/>
12. **Pomiechowska, B.**, Teglas, E., & Kovacs, A. (*in preparation*) The ontogenetic origins of combinatorial thought: language processing reveals conceptual combination in preverbal infants.
13. **Pomiechowska, B.**, & Csibra (*in preparation*). Infants compute cost profiles of different agents: from naive utility calculus to the concept of competence <https://osf.io/8hmkj>
14. **Pomiechowska, B.**, Revencu, B., Savos, I., & Csibra (*in preparation*). Links between conceptual access and mutual exclusivity inferences in 12-to-15-month-olds: an online looking-while-listening study <https://osf.io/zxytv>
15. **Pomiechowska, B.**, Tatone, D., & Csibra (*in preparation*). The principle of relational consistency: Twelve-month-olds individuate agents on the basis of their social relations.
16. **Pomiechowska, B.**, Teglas, E., & Kovacs, A. (*in preparation*) Infants learn and combine multiple functional operations in the context of tool use.
17. **Pomiechowska, B.**, Király, I., Téglás, E., Kovács, A., M. (*in preparation*). Pupillometry of belief updating in children and adults.
18. Buttelman, F., **Pomiechowska, B.**, & Kovacs, A. M. (*in preparation*). When and how do we compute others' beliefs? EEG evidence markers of spontaneous online belief updating.
19. Parise, E., **Pomiechowska, B.**, Volein, A., Takacs, S. & Csibra, G. (*in preparation*). Neural bases of label-induced categorization in adults and preverbal infants.

Conferences

- TALKS
1. **Pomiechowska, B.**, Tatone, D., Mészégető, D., Revencu, B., & Csibra, G. (June 2021). Children prioritize relational over dispositional interpretation of third-party interactions. In "Naïve sociology: How infants and children represent social relations and structures". Symposium conducted at the 32nd annual meeting of the *Human Behavior and Evolution Society (HBES)*, held virtually due to Covid-19.
2. Tatone, D., **Pomiechowska, B.**, & Csibra, G. (June 2021). Infants assume social relations to be based on univocal coordination rules. In "Naïve sociology: How infants and children represent social relations and structures". Symposium conducted at the 32nd annual meeting of the *Human Behavior and Evolution Society (HBES)*, held virtually due to Covid-19.
3. **Pomiechowska, B.**, & Csibra, G. (July 2020). Ten-month-olds infer relative costs of different goal-directed actions. 42nd Annual Meeting of the *Cognitive Science Society (CogSci)*, held virtually due to Covid-19.

4. **Pomiechowska, B.**, Brody, G., Teglas, E., & Kovacs, A. (January 2019). Twelve-month-olds use the principle of compositionality to combine newly learnt quantity labels with familiar kind labels. *Budapest CEU Conference on Cognitive Development (BCCCD)*, Budapest, Hungary.
5. **Pomiechowska, B.**, & Gliga, T. (May 2016). The influence of category knowledge on infant working memory: evidence from an EEG study in 12 month-old infants. In "Genericity bias in development: where does it come from and what is it good for?" conducted at the biennial meeting of the *International Congress of Infant Studies (ICIS)*, New Orleans, LA.
6. **Pomiechowska, B.**, & Gliga, T. (June 2014). Can world knowledge influence infants' working memory? *Workshop on Infant Language Development (WILD)*, San Sebastian, Spain.

FLASH TALKS

7. **Pomiechowska, B.**, Revencu, B., Savos, I., & Csibra, G. (May 2021). The ontogeny of meaning: infants recruit kind-based concepts to interpret nonverbal communication. 12th *Dubrovnik Conference on Cognitive Science (DUCOG)*, held virtually due to Covid-19.
8. **Pomiechowska, B.**, & Csibra, G. (January 2021). infants compute agent-specific costs of different actions. 11th *Budapest CEU Conference on Cognitive Development (BCCCD)*, Budapest, Hungary.

SELECTED POSTERS

9. **Pomiechowska, B.**, Revencu, B., Savos, I., & Csibra, G. (July 2021). Mutual exclusivity inferences in 12-to-15-month-olds: an online looking-while-listening study. 43rd *Cognitive Science Society Annual Meeting (CogSci)*, held virtually due to Covid-19.
10. **Pomiechowska, B.**, Teglas, E., & Kovacs, A. (July 2021). Infants combine kind and quantity concepts. 43rd *Cognitive Science Society Annual Meeting (CogSci)*, held virtually due to Covid-19.
11. Tatone, D., **Pomiechowska, B.**, Schlingloff, L., & Csibra, G. (July 2021). Do infants infer prosocial goals from disadvantageous payoffs in joint action? 43rd *Cognitive Science Society Annual Meeting (CogSci)*, held virtually due to Covid-19.
12. Schlingloff, L., Tatone, D., **Pomiechowska, B.**, & Csibra, G. (July 2020). Do Infants Think That Agents Choose What's Best? 42nd *Cognitive Science Society Annual Meeting (CogSci)*, held virtually due to Covid-19.
13. **Pomiechowska, B.**, Teglas, E., & Kovacs, A. (January 2020). Fifteen-month-olds can productively combine two newly learned functions of a tool. *Budapest CEU Conference on Cognitive Development (BCCCD)*, Budapest, Hungary.
14. **Pomiechowska, B.**, Brody, G., Teglas, E., & Kovacs, A. (May 2019) Twelve-month-olds productively combine kind and quantity concepts in a word-learning task. *Rovereto Workshop on Concepts, Actions, and Objects*, Rovereto, Italy.
15. **Pomiechowska, B.**, Tatone, D., & Csibra, G. (July 2018). Twelve-month-olds individuate agents on the basis of their social relations. Biennial Meeting of the *International Congress of Infant Studies (ICIS)*, Philadelphia, PA.
16. **Pomiechowska, B.**, & Csibra, G. (May 2016). Referential understanding of pointing actions and its consequences for object representation. Biennial Meeting of the *International Congress of Infant Studies (ICIS)*, New Orleans, LA.

FUNDING	Marie Curie PhD Scholarship — €140.000 Tracking Early Human Development: From Basic Science to Applications EC Marie Curie Initial Training Networks (2011 – 2014)	
AWARDS	Abstract Award for poster presentation, <i>CogEvo</i> , Rovereto, Italy	2016
	Recognition of excellence award for poster presentation <i>Learning to Attend, Attending to Learn Workshop</i> , San Diego, CA, US	2013
RESEARCH NETWORKS	Participant, McDonnell Foundation Network Grant: <i>The Nature and Origins of the Human Capacity for Abstract Combinatorial Thought</i> Project Lead: Susan Carey, Harvard University [web]	2017 –
	Member of looking-while-listening task design team, <i>ManyBabies-AtHome</i> [web]	2020 –
INVITED TALKS	Colloquium, Polish Academy of Sciences	2021
	Lancaster Babylab Lab Meeting, University of Lancaster	2021
	Crunch Online Meetup Healthcare Edition	2020
	Machine Common Sense Group; Harvard University, MIT, & IBM	2020
Service		
ORGANIZATION	Organizer, CEU Cognitive Development Center Lab Meeting Series	2018 – 2019
	Program Chair and Operational Coordinator, 8th <i>Budapest CEU Conference on Cognitive Development (BCCCD)</i> [program] [gallery]	2017 – 2018
	Social Media Coordinator, CEU Cognitive Development Center	2017 –
	Organizer, CEU Cognitive Development Center Colloquia Series	2016 – 2017
	Scientific Committee Member, <i>Budapest CEU Conference on Cognitive Development (BCCCD)</i> [web]	2015 –
REVIEWS	Journal Reviews: <i>Cognition</i> <i>Developmental Cognitive Neuroscience</i> <i>Developmental Science</i> <i>Journal of Child Language</i> <i>Journal of Experimental Child Psychology</i> <i>Proceedings of the Royal Society B</i> <i>Psychological Review</i> <i>Psychological Science</i> Conference Reviews: <i>Cognitive Science Society Annual Meeting (CogSci)</i> (2020–2021) <i>Budapest CEU Conference on Cognitive Development (BCCCD)</i> (2015–2020)	
Teaching		
TEACHING	Co-instructor, Developmental Cognitive Neuroscience, M.Sc. in Cognitive Neuroscience, University of Warsaw	2020, 2021
	Guest lecturer (Language Acquisition; Action Interpretation), Infant Cognition, Ph.D. in Cognitive Science, CEU	2020
	Co-instructor, Introduction to EEG Methods in Cognitive Science, Ph.D. in Cognitive Science, CEU	2017, 2019
	Guest lecturer (Language Acquisition), Infant Cognition, Ph.D. in Cognitive Science, CEU	2016
MENTORING	EEG training: Frances Buttelman (CEU, postdoctoral researcher) Sara Jellinek (CEU, PhD Cognitive Science)	

Eye tracking training:

Dora Fogd (CEU, PhD Cognitive Science)
 Rubeena Shamsudheen (CEU, PhD Cognitive Science)
 Otávio Mattos (CEU, PhD Cognitive Science)

Mentorship:

Georgina Török (CEU, PhD Cognitive Science)
 Laura Schlingloff (CEU, PhD Cognitive Science)
 Mariette Soulat (University of Vienna, MSc Cognitive Science)

OUTREACH	Crunch Online Meetup Healthcare Edition	2020
	<i>Kis Tudosok Delutánja</i> ("Little Scientists Afternoon") Developmental Psychology Open Day for Parents CEU - ELTE - Hungarian Academy of Sciences	2018, 2019
Affiliations	Cognitive Science Society	2020
	Central European Cognitive Science Association (CECOG)	2019
	International Congress of Infant Studies (ICIS)	2016
	Society for Research in Child Development (SRCD)	2015
	Society for Neuroscience (SfN)	2013
Selected Experimental Methods	behavioral methods for infant studies (looking times, looking-while-listening, object manipulation)	
	behavioral methods for children studies eye tracking (gaze-contingent paradigms, pupillometry) EEG (ERPs, frequency analysis, time-frequency analysis, ICA)	
Technical Skills	Promgramming: R, Python, Matlab	
	Graphics: Blender (3D animation), Flash (2D animaiton), Premiere (video editing)	
Languages	English, French, Polish	
References	Prof. Gergely Csibra Department of Cognitive Science, Central European University csibrag@ceu.edu	
	Dr. Teodora Gliga School of Psychology, University of East Anglia T.Gliga@uea.ac.uk	
	Dr. Agnes Melinda Kovács Department of Cognitive Science, Central European University kovacs@ceu.edu	
	Dr. Eugenio Parise Center for Mind/Brain Sciences, Università di Trento, Italy eugenio.parise@unitn.it	