

ANNA CHRABASZCZ

pronunciation /'kra:bəs/

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AREAS OF SPECIALIZATION

Psycholinguistics; Cognitive Psychology; Cognitive Neuroscience; Second Language Acquisition

EDUCATION

2008–2014	Ph.D. in Second Language Acquisition University of Maryland, College Park, MD
2009–2011	Graduate Certificate in Neuroscience and Cognitive Science University of Maryland, College Park, MD
2006–2008	M.A. in Applied Linguistics and ESL Georgia State University, Atlanta, GA
1999–2004	B.A. in Linguistics and Psychology (5-year degree, magna cum laude) Pyatigorsk State Linguistic University, Russia

ACCADEMIC POSITIONS

2021- present	Research Associate Learning Research & Development Center, University of Pittsburgh
2017-2021	Postdoctoral Associate Department of Psychology, University of Pittsburgh
2014-2016	Senior Research Scientist Neurolinguistics Laboratory, National Research University Higher School of Economics, Moscow, Russia
2012-2013	Graduate Research Assistant Center for Advanced Study of Language (CASL), University of Maryland
2008-2012	Graduate Research Assistant Second Language Acquisition Program, University of Maryland

HONORS, AWARDS AND FELLOWSHIPS

2013-2014	Graduate Dean's Dissertation Fellowship University of Maryland, research funding \$25,000
2013	Ann Wylie Dissertation Fellowship University of Maryland, research funding \$10,000
2013	Language Learning Journal Dissertation Grant Language Learning Journal, research funding \$2,000
2013	Arts and Humanities Travel award competition University of Maryland, \$700 (nine awards are offered each round)
2012	Graduate Student Summer Research Fellowship

	University of Maryland, research funding \$5,000
2010-2012	NSF-funded Predoctoral Integrative Graduate Education and Research Training (IGERT) fellowship University of Maryland, stipend \$10,000 per year
2010-2012	School of Languages, Literatures, and Cultures Research Fellowship University of Maryland, stipend \$10,000 per year
2006-2008	FULBRIGHT Scholarship 2-year M.A. Program, coverage of full tuition and living expenses Fulbright Commission for the Cultural Exchange
2006-2008	World Fellowship Award Delta Kappa Gamma Society International for women educators, stipend \$4,700 per year
1999-2004	General Scholarship stipend to pursue undergraduate studies Pyatigorsk State Linguistic University, Russia

PUBLICATIONS (* = advisee)

Tags: [\[read\]](#) [\[speech\]](#) [\[phono\]](#) [\[grammar\]](#) [\[syntax\]](#) [\[lex\]](#) [\[L2\]](#) [\[brain\]](#) [\[tool\]](#)

DOCTORAL DISSERTATION

Lukianchenko, A. (2014). *From sound to meaning: Quantifying contextual effects in resolution of L2 phonolexical ambiguity*, Doctoral Dissertation, University of Maryland, College Park (no. of pages: 225).

PEER-REVIEWED PAPERS

1. **Chrabaszc, A.**, Ladinskaya, N., Lopukhina, A. (2025). Acquisition of Russian noun case by bilingual children: Lexical cues to case assignment in real and novel words, *Language Acquisition*, 32(1), 23-51. <https://doi.org/10.1080/10489223.2023.2201598> [\[grammar\]](#) [\[lex\]](#) [\[L2\]](#)
2. Lipski, W. J., Bush, A., **Chrabaszc, A.**, Crammond, D. J., Fiez, J. A., Turner, R. S., & Richardson, R. M. (2024). Subthalamic nucleus neurons encode syllable sequence and phonetic characteristics during speech. *Journal of Neurophysiology*, 132(5), 1382-1394. <https://doi.org/10.1152/jn.00471.2023> [\[speech\]](#) [\[brain\]](#)
3. **Chrabaszc, A.**, Laurinavichyute, A., *Ladinskaya, N., Baladzhaeva, L., Prior, A., Myachykov, A., Dragoy, O. (2024). Writing direction influences the spatial representations of past and future tense forms: Evidence from eye-tracking, *Memory and Cognition*, 1-16. <https://doi.org/10.3758/s13421-024-01633-5> [\[read\]](#)
4. **Chrabaszc, A.**, Gebremedhen, N.I., Alvarez, T.A., Durisko, C., & Fiez, J.A. (2023). Orthographic learning in adults through overt and covert reading. *Acta Psychologica*, 241, 104061. <https://doi.org/10.1016/j.actpsy.2023.104061> [\[read\]](#)
5. Weiss, A., Korzeniewska, A., **Chrabaszc, A.**, Bush, A., Fiez, J., Crone, N., & Richardson, M. (2023). Lexicality-modulated influence of auditory cortex on subthalamic nucleus during motor planning for speech, *Neurobiology of Language*, 4(1), 53-80. [\[speech\]](#) [\[lex\]](#) [\[brain\]](#)
6. **Chrabaszc, A.**, Anisimova, V., Antropova, J., Bikina, D., Menukhova, A., Mirabo, S., Odnoshivkina, V., Shcherbakova, A., Tikhomirova, A., & Zmievskaya, T. (2022). Creating communities of practice for fostering second language learning in people in crisis. *East European Journal of Psycholinguistics*, 9(2). Retrieved from <http://eejpl.vnu.edu.ua/index.php/eejpl/article/view/656> [\[L2\]](#)
7. Bush, A., **Chrabaszc, A.**, Peterson, V., Saravanan, V., Dastolfo-Hromack, C., Lipski, W.J., Richardson, M. (2022). Differentiation of speech-induced artifacts from physiological high

- gamma activity in intracranial recordings. *NeuroImage*, 250, Article 118962. <https://doi.org/10.1016/j.neuroimage.2022.118962> [speech] [brain]
8. Wang, D., Lipski, W., Bush, A., **Chrabaszczyk, A.**, Dastolfo-Hromack, C., Dickey, M. W., Fiez, J.A., & Richardson, R. M. (2022). Lateralized and region-specific thalamic processing of lexical status during reading aloud. *Journal of Neuroscience*, 42(15), 3228-3240. <https://doi.org/10.1523/JNEUROSCI.1332-21.2022> [read] [speech] [lex] [brain]
 9. Dastolfo-Hromack, C., Bush, A., **Chrabaszczyk, A.**, Alhourani, A., Lipski, W.J., Neumann, W.J., Crammond, D.J., Shaiman, S., Dickey, M.W., Holt, L.L., Turner, R.S., Fiez, J.A., Richardson, R.M. (2022). Articulatory gain predicts motor cortex and subthalamic nucleus activity during speech. *Cerebral Cortex*, 32(7), 1337-1349. <https://doi.org/10.1093/cercor/bhab251> [speech] [brain]
 10. **Chrabaszczyk, A.**, Onishchik, E., and Dragoy, O. (2022). Sentence comprehension in heritage language: Isomorphism, word order, and language transfer. *Second Language Research*, 38(4), 839-867. <https://doi.org/10.1177/0267658321997900> [grammar] [syntax] [L2]
 11. Gor, K., Cook, S., Bordag, D., **Chrabaszczyk, A.**, Opitz, A. (2021). Fuzzy lexical representations in adult second language speakers. *Frontiers in Psychology*, 12:732030. <https://doi.org/10.3389/fpsyg.2021.732030> [phono] [lex] [L2]
 12. Ivanova, M., Akinina, Yu., Soloukhina, O., Iskra, E., Buivolova, O., **Chrabaszczyk, A.**, *Stupina, E., Khudyakova, M., Akhutina, T., Dragoy, O. (2021). The Russian Aphasia Test: The first comprehensive, quantitative, standardized, and computerized aphasia language battery in Russian. *PLoS ONE*, 16(11), e0258946. <https://doi.org/10.1371/journal.pone.0258946> [tool]
 13. **Chrabaszczyk, A.**, Wang, D., Lipski, W.J., Bush, A., Crammond, D.J., Shaiman, S., Dickey, M.W., Holt, L.L., Turner, R.S., Fiez, J.A., Richardson R.M. (2021). Simultaneously recorded subthalamic and cortical LFPs reveal different lexicality effects during reading aloud. *Journal of Neurolinguistics*, 60. <https://doi.org/10.1016/j.jneuroling.2021.101019> [read] [speech] [lex] [brain]
 14. *Edeleva, J., **Chrabaszczyk, A.**, and Demareva, V. (2020). Resolving conflicting cues in processing of ambiguous words: The role of case, word order and animacy. *Quarterly Journal of Experimental Psychology*, 73(8), 1173–1188. <https://doi.org/10.1177/1747021820902429> [syntax]
 15. **Chrabaszczyk, A.**, Neumann, W.J., Stretcu, O., Lipski, W., Bush, A., Dastolfo-Hromack, C., Wang, D., Crammond, D.J., Shaiman, S., Dickey, M.W., Holt, L.L., Turner, R.S., Fiez, J.A., and Richardson, R.M. (2019). Subthalamic nucleus and sensorimotor cortex activity during speech production. *Journal of Neuroscience*, 39(14), 2698-2708. <https://doi.org/10.1523/JNEUROSCI.2842-18.2019> [speech] [brain]
 16. Gor, K., **Chrabaszczyk, A.**, and Cook, S. (2019). A case for agreement: Processing of case-inflected nouns by early and late learners. *Linguistic Approaches to Bilingualism*, 9(1), 6-41. <https://doi.org/10.1075/lab.16017.gor> [grammar] [L2]
 17. Gor, K., **Chrabaszczyk, A.**, and Cook, S. (2018). Early and late learners decompose inflected nouns, but can they tell which ones are inflected correctly? *Journal of Second Language Studies*, 1(1), 106-140. <https://doi.org/10.1075/jsls.17021.gor> [grammar] [L2]
 18. **Chrabaszczyk, A.**, and Dragoy, O. (2017). Comprehension of locative and instrumental constructions by Russian-American heritage speakers: Testing predictions of the Isomorphic Mapping Hypothesis. *The Russian Journal of Cognitive Science*, 4(4), 14 – 21. [Full text] [grammar] [syntax] [L2]
 19. **Chrabaszczyk, A.**, and Gor, K. (2017). Quantifying contextual effects in L2 processing of phonolexically ambiguous and unambiguous words. *Applied Psycholinguistics*, 38(4), 909-942. <https://doi.org/10.1017/S0142716416000497> [phono] [lex] [L2]

20. Gor, K., **Chrabaszcz, A.**, and Cook, S. (2017). Processing of native and nonnative inflected words: Beyond affix stripping. *Journal of Memory and Language*, 93, 315–332. <https://doi.org/10.1016/j.jml.2016.06.014> [grammar] [L2]
21. Jiang, N., Hu, G., **Chrabaszcz, A.**, and Ye, L. (2017). The activation of grammaticalized meaning in L2 processing: Toward an explanation of the morphological congruency effect. *International Journal of Bilingualism*, 21(1), 81-98. <https://doi.org/10.1177/1367006915603823> [grammar] [L2]
22. Laurinavichyute, A., **Chrabaszcz, A.**, Farizova, N., *Tolkacheva, V., and Dragoy, O. (2017). Vliyaniye sensomotornykh stereotipov na ponimanie prostranstvennykh konstrukttsii: dannye dvizhenii glaz [The influence of sensorimotor stereotypes on the understanding of spatial constructions: eye-tracking evidence]. *Voprosy yazykoznaniya [Topics in the Study of Language]*, 3, 99-109. (In Russian) [Full text] [read] [syntax]
23. **Chrabaszcz, A.**, *Ovsepyan, M., and Dragoy, O. (2017). Rol' motornogo stereotipa v ponimanii lingvisticheskikh prostranstvennykh konstrukttsii det'mi doshkol'nogo vozrasta [The role of motor stereotypes in the understanding of linguistic spatial constructions by pre-schoolers]. *Vestnik VGU. Seriya: lingvistika i mezhkul'turnaya kommunikatsiya [Proceedings of Voronezh State University. Series: Linguistics and Intercultural Communication]*, 1, 82-87. (In Russian) [Full text] [syntax]
24. Dragoy, O., **Chrabaszcz, A.**, *Tolkacheva, V., and Buklina, S. (2016). Russian Intraoperative Naming Test: A standardized tool to map noun and verb production during awake neurosurgeries. *The Russian Journal of Cognitive Science*, 3(4), 4-26. [tool]
25. **Chrabaszcz, A.**, and Gor, K. (2014). Context effects in the processing of phonolexical ambiguity in L2. *Language Learning*, 64(3), 415-455. <https://doi.org/10.1111/lang.12063> [phono] [lex] [L2]
26. **Chrabaszcz, A.**, Winn, M., Lin, C., and Idsardi, W. J. (2014). Acoustic cues to perception of word stress by English, Mandarin and Russian speakers. *Journal of Speech, Language, and Hearing Research*, 57, 1468–1479. https://doi.org/10.1044/2014_JSLHR-L-13-0279 [phono]
27. **Chrabaszcz, A.**, and Jiang, N. (2014). The role of the native language in the use of the English nongeneric definite article by L2 learners: A cross-linguistic comparison. *Second Language Research*, 30(3), 351-379. <https://doi.org/10.1177/0267658313493432> [grammar] [L2]
28. **Lukyanchenko, A.**, Idsardi, W. J., and Jiang, N. (2011). Opening your ears: The role of L1 in processing of nonnative prosodic contrasts. In G. Granena, J. Koeth, S. Lee-Ellis, A. Lukyanchenko, G. Prieto Botana, & E. Rhoades (Eds.), *Selected proceedings of the Second Language Research Forum 2010* (pp.50-62). Somerville, MA: Cascadilla Press [Full text] [phono] [L2]
29. **Lukyanchenko, A.**, and Gor, K. (2011). Perceptual correlates of phonological representations in heritage speakers and L2 learners. *Proceedings of the 35th Annual Boston University Conference on Language Development* (pp. 414-426). Somerville, MA: Cascadilla Press [Full text] [phono] [L2]

BOOK CHAPTERS

1. Gor, K., **Chrabaszcz, A.** (2019). Morphological processing of citation and non-citation inflected words by second language speakers. In R. P. Leow (Ed.), *The Routledge Handbook of Second Language Research in Classroom Learning* (pp.302-315). Routledge Taylor & Francis. [grammar] [L2]

EDITED VOLUMES

1. Gor, K., Cook, S., Bordag, D., **Chrabaszcz, A.**, Opitz, A. (2022). Fuzzy lexical representations in the nonnative mental lexicon. *Frontiers in Communication*.

<https://www.frontiersin.org/research-topics/15827/fuzzy-lexical-representations-in-the-nonnative-mental-lexicon>

2. Granena, G., J. Koeth, S. Lee-Ellis, **A. Lukyanchenko**, G. Prieto Botana, & E. Rhoades (Eds.). (2011). *Selected proceedings of the 2010 Second Language Research Forum*. Somerville, MA: Cascadia Proceedings Project.

EDITORIALS

1. Gor, K., Cook, S., Bordag, D., **Chrabaszczyk, A.**, Opitz, A. (2022). Editorial: Fuzzy lexical representations in the nonnative mental lexicon. *Frontiers in Communication*, 7:1027692. doi: 10.3389/fcomm.2022.1027692 [phono] [lex] [L2]

PATENTS

1. Dragoy, O., Lopukhina, A., Akinina, Yu., Ivanova, M., Stupina, E., Soloukhina, O., Arutyunyan, V., **Chrabaszczyk, A.**, Yurchenko, A., Korkina, I., Ladinskaya, N., Reshetnikova, V., Zdorova, N. (2022). *KORABLIK app* (Patent No. 2022611281). Russian Federation Copyright Service. [tool]

MANUSCRIPTS

1. **Chrabaszczyk, A.**, Lee, K., Durisko, C., & Fiez, J. (Submitted). Functional brain organization for emergent reading: Contributions of the multiple demand (MD) network. [read] [brain]

CONFERENCE PROCEEDINGS

1. **Chrabaszczyk, A.**, Dragoy, O. (2017). Comprehension of spatial constructions by Russian-American bilinguals. In E. Pechenkova, M. Falikman (Eds.), *Cognitive Science in Moscow: New Research* (pp. 185-189). Moscow: BukiVedi.
2. Dragoy, O., **Chrabaszczyk, A.**, *Stupina, E., *Tolkacheva, V. (2017). Intraoperative linguistic battery for language mapping during awake craniotomy. *Cognitive Science in Moscow: New Research*. Moscow: BukiVedi.
3. **Chrabaszczyk, A.**, Ovsepyan M., Laurinavichyute A., Dragoy O. (2016). The role of motor stereotype in the interpretation of linguistic spatial constructions by children and adults. In Yu. Aleksandrov, & K. Anohin (Eds.), *the Seventh International Conference on Cognitive Science: Proceedings Papers* (pp. 349-350). Moscow: Institute of Psychology RAS.
4. Soloukhina O. A., Ivanova M., Akinina Yu., Khudyakova M., Iskra E., Kuptsova S., **Chrabaszczyk, A.**, Ahutina T., Dragoy O. (2016). The development of standardized test for evaluation of speech in aphasia: expressive language. In K. Anohin, B. Velichkovsky, A. Kibrik, A. Krylov, Yu. Mazurova, O. Fedorova, T. Chernigovskaya (Eds.), *Neuroscience for medicine and psychology; 12th International interdisciplinary congress* (pp. 374-375). Moscow: MAKSS Press.
5. **Chrabaszczyk, A.**, Dragoy O. (2015). The role of linguistic and nonlinguistic factors in the processing of spatial constructions by monolingual and bilingual speakers. In D. Kryachkov (Ed.), *The Magic of Innovation: New Trends in Language Research and Teaching Foreign Languages* (pp. 352-357). Moscow: MGIMO-University.
6. **Chrabaszczyk, A.**, Dragoy, O., Iskra, E., and Bergelson, M. (2015). Understanding of spatial constructions by healthy people and patients with aphasia. In E. Pechenkova, M. Falikman (Eds.), *Cognitive Science in Moscow: New Research* (pp. 216-220). Moscow: BukiVedi.
7. *Tolkacheva, V., **Chrabaszczyk, A.**, Buklina, S., Poddubskaya, A., and Dragoy, O. (2015). Object and action naming in patients with brain tumor. In E. Pechenkova, M. Falikman (Eds.), *Cognitive Science in Moscow: New Research* (pp. 434-439). Moscow: BukiVedi.
8. **Lukyanchenko, A.** (2006). The use of the video resources in the English classroom. *University Readings*. Pyatigorsk: PSLU, 10-14.

9. **Lukyanchenko, A.** (2005). The status of phrasal verbs in the English language. *University Readings*. Pyatigorsk: PSLU, 166-168.
10. **Lukyanchenko, A.** (2004). Phrasal verbs in business English. *Business language and teaching methodology*. Pyatigorsk: PSLU, 13-18.
11. **Lukyanchenko, A.** (2002). Psychological "climate" in a group and ways of its improvement. *Communicating across differences*. Pyatigorsk: PSLU.
12. **Lukyanchenko, A.** (2002). Some means of expressiveness of English idioms. *Student science-2002*. Pyatigorsk: PSLU, 27-28.

PLENARY TALKS

- **Chrabaszczyk, A.** (2018). Extracting neural representations of speech sounds from high-gamma oscillations. Summer School of Neurolinguistics, Moscow, Russia, May 21-23.
- **Chrabaszczyk, A.** (2015). Language pathology in patients with brain tumor. Summer School of Neurolinguistics, Moscow, Russia, August 24-26.

INVITED TALKS

- **Chrabaszczyk, A.** (2023). Re-examining the brain's reading network: An fMRI study of learning to read in a new script. Reading and Language Group meeting, Learning, Research and Development Center, University of Pittsburgh, December, 15.
- **Chrabaszczyk, A.** (2018). What brain oscillations can tell us about subcortical involvement in lexical processing. NeuroThursday meeting, Center for Language and Brain, Higher School of Economics, August, 14.
- **Chrabaszczyk, A.** (2018). Involvement of subthalamic nucleus in speech: Evidence from deep brain stimulation. NeuroThursday meeting, Neurolinguistics Laboratory, Higher School of Economics, May, 25.
- **Chrabaszczyk, A.** (2018). What brain oscillations can tell us about subcortical involvement in speech production. Cognitive Brown Bag, Learning Research and Development Center, University of Pittsburgh, March, 20.
- **Chrabaszczyk, A.** (2016). From sound to meaning: Quantifying contextual effects in L2 processing of phonologically ambiguous and unambiguous words. Reading & Language Group, Learning, Research & Development Center, University of Pittsburgh, Oct. 28.
- **Chrabaszczyk, A.** (2015). Morphological decomposition in native and nonnative languages. NeuroThursday meeting, Neurolinguistics Laboratory, Higher School of Economics, Feb. 25.
- **Chrabaszczyk, A.** (2015). Space of time in Russian, Japanese and Hebrew. Department of Linguistics, Higher School of Economics, February, 13.
- **Chrabaszczyk, A.** (2015). Intraoperative speech mapping in patients with brain tumor: a linguist's perspective. Moscow Neuropsychological Society, Moscow, Russia, Oct. 28.
- **Chrabaszczyk, A.** (2015). Development and implementation of a test for intraoperative speech mapping: Lessons learned so far. A series of lectures on Intraoperative speech mapping: an exchange of experience between Belgium and Russia, Higher School of Economics, Moscow, Russia, July, 6-8.

CONFERENCE PRESENTATIONS (* = advisee)

TALKS

- **Chrabaszczyk, A.,** Wang, D., Lipski, W., Bush, A., Fiez, J.A., and Richardson, R.M. (2020). Processing of words and pseudowords in the thalamus and the subthalamic nucleus. The 4th International Conference on Neurobiology of Speech and Language, November 13-14

- **Chrabaszczyk, A.**, Neumann, W.J., Stretcu, O., Lipski, W., Bush, A., Dastolfo-Hromack, C., Wang, D., Crammond, D.J., Shaiman, S., Dickey, M.W., Holt, L.L., Turner, R.S., Fiez, J.A., and Richardson, R.M. (2018). Cortical and subcortical representations of consonant articulatory features. Society for Neuroscience Annual Meeting, San Diego, CA, Nov. 3-7.
- Lipski, W.J., Richardson, R.M., Bush, A., Wang, D., Dastolfo-Hromack, C., **Chrabaszczyk, A.**, Crammond, D.J., Shaiman, S., Turner, R.S., Fiez, J.A. (2018). Neuronal firing in the subthalamic nucleus encodes chunks in speech sequences. Society for Neuroscience Annual Meeting (SfN), San Diego, CA, November 3-7.
- Dragoy, O., **Chrabaszczyk, A.**, Laurinavichyute, A., *Ladinskaya, N., *Tolkacheva, V., Myachykov, A. (2017). Oculomotor resonance during processing past and future tense. The 10th Annual Embodied and Situated Language Processing, Moscow, Russia, Sept. 10-12.
- **Chrabaszczyk, A.** (2016). Morphological prediction in native and nonnative comprehenders: A case of Russian verbal inflections. The 22nd Architectures and Mechanisms for Language Processing (AMLaP) conference, Bilbao, Spain, September 1-3.
- *Tolkacheva, V., **Chrabaszczyk, A.**, Buklina S., Dragoy O. (2016). Russian object and action naming test for patients with brain tumor. XIX International conference of philology students, St. Petersburg, Russia, April 18-22.
- **Chrabaszczyk, A.**, Buklina, S., *Tolkacheva, V., Poddubskaya, A., and Dragoy, O. (2015). Developing a Russian test for speech mapping during awake craniotomy. Night Whites 2015: The Third St. Petersburg Winter Workshop on Experimental Studies of Speech and Language, St. Petersburg, Russia, December 18-19.
- Gor, K., **Chrabaszczyk, A.** and Cook, S. (2015). Lexical access of nonnative inflected nouns: The role of proficiency and early/late start. The Annual Second Language Research Forum (SLRF), Atlanta, Georgia, October 29-31.
- **Chrabaszczyk, A.** (2015). Electrophysiological correlates of processing Russian verbs by native and L2 speakers: the link between morphology and phonology. The 25th Annual Conference of the European Second Language Association (EUROSLA), Aix-en-Provence, France, August 26-29.
- Gor, K., **Chrabaszczyk, A.**, Cook, S. (2015). Nonnative decomposition of inflected nouns: The role of proficiency and early /late start. The 25th Annual Conference of the European Second Language Association (EUROSLA), Aix-en-Provence, France, August 26-29.
- **Chrabaszczyk, A.**, Dragoy O. (2015). The role of linguistic and nonlinguistic factors in the processing of spatial constructions by monolingual and bilingual speakers. The Magic of Innovation: New Trends in Language Research & Teaching Foreign Languages, Apr. 24-25.
- **Chrabaszczyk, A.** (2014). Neurophysiological aspects of processing of Russian verbal forms. The Cognitive Control, Communication and Perception (CCCP) conference, Higher School of Economics, Moscow, Russia, December 4-6.
- Gor, K., **Chrabaszczyk, A.**, and Cook, S. (2014). If L2 learners decompose inflected words in lexical access, why are they insensitive to morphosyntactic information? The Second Language Research Forum (SLRF), University of South Carolina, October 23-25.
- **Chrabaszczyk, A.**, Gor, K., and Cook, S. (2014). To decompose, or not to decompose, that is the question. Child language acquisition and bilingualism: Grammatical development in Russian and Norwegian, St. Petersburg, Russia, October 6-7.
- Gor, K., **Chrabaszczyk, A.**, and Cook, S. (2014). Inflectional paradigm in second language lexical access: Decomposition without recomposition. The Ninth International Conference Mental Lexicon, Niagara-on-the-Lake, ON, Canada, September 30 - Oct 2.
- **Lukyanchenko, A.** (2013). Morphosyntactic bias in auditory word identification by nonnative listeners. 8th International Morphological Processing Conference, Cambridge, June 20-22.

- Gor, K., and **Lukyanchenko, A.** (2012). The effect of context predictability on understanding speech in noise by native and nonnative listeners. The 31st Annual Second Language Research Forum (SLRF), Pittsburgh, PA, USA, October 18-21.
- **Lukyanchenko, A.**, and Gor, K. (2012). Meaning resolution in L2 speech comprehension: Top-down or bottom-up. The 31st Annual Second Language Research Forum (SLRF), Pittsburgh, PA, USA, October 18-21, 2012.
- **Lukyanchenko A.** (2011). Word stress in Russian and the perceptual advantages that it brings with it. The Slavic Cognitive Linguistics Conference, Washington, DC, Oct. 14-16.
- Solovyeva, K., Cook, L., **Lukyanchenko, A.**, and Gor, K. (2011). Modeling the mental lexicon of Russian learners: Why do words play tricks on them? The Slavic Cognitive Linguistics Conference (SCLC), Washington, DC, USA, October 14-16.
- **Lukyanchenko, A.**, and Gor, K. (2011). The (un)importance of neighborhood size for lexical access in native, heritage, and L2 speakers. The Second Language Research Forum (SLRF), Ames, Iowa, USA, October 13-16.
- **Lukyanchenko, A.**, and Jiang, N. (2011). The role of L1 transfer and the Explicit/Implicit interface in the acquisition of the English definite article. The 21st Annual Conference of the European Second Language Association (EUROSLA), Stockholm, Sweden, Sept. 8-10.
- Gor, K., and **Lukyanchenko, A.** (2010). Perceptual correlates of L1 phonological representations in Russian-English heritage speakers. The Boston University Conference on Language Development (BUCLD), Boston, MA, USA, November 5-7.
- **Lukyanchenko, A.**, Idsardi, W., and Jiang, N. (2010). Opening your ears: Perception of nonnative prosodic contrasts. The Second Language Research Forum (SLRF), College Park, MD, USA, October 14-17.
- Jiang, N., Hu, G., **Lukyanchenko, A.**, and Yongheng, C. (2010). Morphological processing by non-native speakers: Evidence from word monitoring. The Colloquium on L2 Processing, Second Language Research Forum (SLRF), College Park, MD, USA, October 14-17.
- Gor, K. and **Lukyanchenko, A.** (2010). Phonetic cues and the perception of Russian soft and hard consonants by American learners of Russian. The Slavic Cognitive Linguistics Conference (SCLC), Providence, Rhode Island, USA, October 9-11.
- **Lukyanchenko, A.**, and Jiang, N. (2010). On the issue of acquirability of grammatical morphemes. The 41st Annual CATESOL Conference, Santa Clara, CA, USA, April 22-25.
- **Lukyanchenko, A.**, and Jiang, N. (2010). Acquisition of English Past Tense: The Case of (Non)transferrable Explicit Knowledge. The 7th Annual TALGS Conference, Greenville, NC, USA, February 20. Honorable mention for the best presentation.

POSTERS

- **Chrabaszczyk, A.**, Lear, K.M., Durisko, C., Fiez, J.A. (2023). An fMRI study of phonological decoding: Learning to read in an artificial script. Annual Meeting of the Society for the Neurobiology of Language (SNL), Marseille, France, October 24-26.
- **Chrabaszczyk, A.**, Gebremedhen, N., Alvarez, T., Durisko, C., Fiez, J. (2023). Orthographic learning in adults through overt and covert reading. Human Sentence Processing, Pittsburgh, USA, March 9-11.
- Paul, S., Lear, K., **Chrabaszczyk, A.**, Durisko, C., Fiez, J. (2023). Does ADHD impact orthographic learning in people with dyslexia? Human Sentence Processing, Pittsburgh, USA, March 9-11.
- Bush, A., **Chrabaszczyk, A.**, Peterson, V., Dastolfo-Hromack, C., Saravanan, V., Lipski, W.J., Richardson, R.M. (2021). Identification and mitigation of technical challenges in experiments probing the cortical-basal ganglia speech network during awake Deep Brain Stimulation surgeries. Society for Neuroscience Annual Meeting (SfN), January 11-13 (Virtual edition).

- **Chrabaszcz, A.**, Wang, D., Lipski, W.J., Bush, A., Crammond, D.J., Shaiman, S., Dickey, M.W., Holt, L.L., Turner, R.S., Fiez, J.A., Richardson, R.M. (2020). Simultaneously recorded subthalamic and cortical LFPs reveal different lexicality effects during reading aloud. Society for the Neurobiology of Language, October 21-24 (Virtual edition).
- *Stupina, E., and **Chrabaszcz, A.** (2020). Representation of grammatical gender at different stages of L2 vocabulary acquisition: evidence from gender congruency effect. The Architectures and Mechanisms for Language Processing (AMLaP) conference, Sept. 3-5.
- *Ladinskaya, N., **Chrabaszcz, A.**, Lopukhina, A. (2020). Acquisition of noun case inflections by monolingual and bilingual children: Evidence from Russian. Summer school of Neurolinguistics, Moscow, Russia, June 22-24.
- *Ladinskaya, N., **Chrabaszcz, A.**, Bolgina, T., Baladzhaeva, L., Laurinavichyute, A., Prior, A., *Tolkacheva, V., Yosephi, G., Myachykov, A., and Dragoy, O. (2019). Oculomotor resonance during processing past and future tense in Russian and Hebrew. The 25 Architectures and Mechanisms for Language Processing (AMLaP) conference, Moscow, Russia, September 6-8.
- Lopukhina, A., **Chrabaszcz, A.**, Khudyakova, M., Korkina, I., Yurchenko, A., and Dragoy, O. (2019). Test for assessment of language development in Russian «KORABLIK». Typical and Atypical Language Development (TALDS) symposium, Moscow, Russia, September 4.
- *Stupina, E., and **Chrabaszcz, A.** (2019). The effect of L1 grammatical gender on the acquisition of grammatical gender in a novel language. Bilingualism and Cognition (BaC) symposium, Moscow, Russia, September 5.
- *Ladinskaya, N., **Chrabaszcz, A.**, and Lopuhina, A. (2019). Acquisition of Russian nominal case inflections by monolingual and bilingual children: a psycholinguistic approach. Typical and Atypical Language Development (TALDS) symposium, Moscow, Russia, September 4.
- Wang, D., Lipski, W.J., Bush, A., Dastolfo-Hromack, C., **Chrabaszcz, A.**, Crammond, D.J., Shaiman, S., Turner, R.S., Fiez, J.A., Richardson, R.M. (2018). Differential modulation of neural activity in the ventral lateral nucleus of the thalamus during speech production. Society for Neuroscience Annual Meeting (SfN), San Diego, CA, November 3-7.
- Richardson, R.M., Lipski, W.L., **Chrabaszcz, A.**, Dastolfo-Hromack, C., Alhourani, A., Shaiman, S., Turner, R.S., Fiez, J.A. (2018). Subthalamic nucleus activity encodes aspects of speech production in subjects with Parkinson's disease. International Congress of Parkinson's Disease and Movement Disorders, Hong Kong, October 5-9.
- Gor, K., **Chrabaszcz, A.**, Cook, S. (2018). This is not only about decomposition: L2 learners and heritage speakers process inflected words differently from native speakers. The Architectures and Mechanisms for Language Processing (AMLaP) conference, Potsdam, Germany, September.
- *Ladinskaya, N., **Chrabaszcz, A.**, Laurinavichyute, A., *Tolkacheva, V., Bolgina, T., Myachykov, A., Dragoy, O. (2018). Spatial mapping of verbal tense forms in the Russian language. Night Whites 2018, St. Petersburg, Russia, January.
- **Chrabaszcz, A.**, Iskra, E., Gor, K., Dragoy, O. (2017). Morphological decomposition of inflected words: Evidence from aphasia. Academy of Aphasia, Baltimore, USA, Nov. 5-7.
- **Chrabaszcz, A.**, Kireev, M., Medvedev, S., Gor, K. (2017). Neural correlates of processing case and inflection: fMRI evidence from Russian. Annual Meeting of the Society for the Neurobiology of Language (SNL), Baltimore, USA, November 8-10.
- Gor, K., Kireev, M., **Chrabaszcz, A.**, Medvedev, S. (2017). An fMRI study of morphological decomposition in the recognition of case-inflected nouns: Dissociation of inflection and case. International Morphological Processing Conference, Trieste, Italy, June 22-24.
- Dragoy, O., & **Chrabaszcz, A.**, *Stupina, E., *Tolkacheva, V. (2017). Intraoperative linguistic battery for language mapping during awake craniotomy. Cognitive Science in Moscow, Moscow, Russia, June 15.

- **Chrabaszczyk, A.**, & Dragoy, O. (2017). Comprehension of spatial constructions by Russian-American bilinguals. Cognitive Science in Moscow, Moscow, Russia, June 15.
- Dragoy, O., & **Chrabaszczyk, A.** (2017). Processing spatial linguistic constructions by monolingual and bilingual speakers of Russian. The Third Annual Learning and Plasticity meeting, Åkäslompolo, Finland, April, 2-5.
- **Chrabaszczyk, A.**, Ovsepyan, M., Laurinavichyute, A., Dragoy, O. (2016). The role of a motor stereotype in the interpretation of linguistic spatial constructions by children and adults. The Seventh International Conference on Cognitive Science, Svetlogorsk, Russia, June, 20-24.
- *Tolkacheva, V., **Chrabaszczyk, A.**, Buklina, S., Poddubskaya, A., Dragoy, O. (2016). The Russian Object and Action naming test. Thirty-fourth European Workshop on Cognitive Neuropsychology, Bressanone, Italy, January 24-29.
- Ivanova, M., Dragoy, O., Akinina, Y., Iskra, E., Soloukhina, O., Kobzeva, A., Khydyakova, M., **Chrabaszczyk, A.**, Akhutina, T. (2015). Developing auditory comprehension subtests of the Russian Aphasia Test. Academy of Aphasia, Tuscon, USA, October 18-21.
- **Chrabaszczyk, A.**, Buklina, S., *Tolkacheva, V., Poddubskaya, A., Dragoy, O. (2015). Object and action naming in patients before and after glioma resection. Seventh Annual Meeting of the Society for the Neurobiology of Language (SNL), October, 15-17.
- **Chrabaszczyk, A.**, Buklina, S., *Tolkacheva, V., Poddubskaya, A., Dragoy, O. (2015). Language reorganization capacity in patients with gliomas in the frontal and temporal lobes of the left hemisphere. The brain & gliomas: when the connections are crucial, Sept. 24-26.
- *Tolkacheva, V., **Chrabaszczyk, A.**, Buklina, S., Poddubskaya, A., Dragoy, O. (2015). Object and action naming in brain tumor patients. Summer School of Neurolinguistics, Moscow, Russia, August 24-26.
- *Edeleva, J., *Bondarenko, K., **Chrabaszczyk, A.** (2015). Processing morphological ambiguity: The case of Russian homographs. The 9th International Morphological Processing Conference, University of Potsdam, Germany, June 18-20.
- **Chrabaszczyk, A.**, Dragoy, O., Iskra, E., Bergelson, M. (2015). Understanding of spatial constructions by healthy people and patients with aphasia. Cognitive Science in Moscow, Moscow, Russia, June 16.
- *Tolkacheva, V., **Chrabaszczyk, A.**, Buklina, S., Poddubskaya, A., Dragoy, O. (2015). Object and action naming in patients with brain tumor. Cognitive Science in Moscow, June 16.
- **Chrabaszczyk, A.**, Gor, K., Cook, S. (2014). Do second language learners take advantage of extra time in sentence processing? The Second Language Research Forum (SLRF), University of South Carolina, October 23-25.
- Gor, K., & **Lukyanchenko, A.** (2013). Lexical access of inflected nouns in L2: What is the role of the inflectional paradigm? Boston University Conference on Language Development (BUCLD), Boston, MA, USA, November 1-3.
- Gor, K., & **Lukyanchenko, A.** (2013). Inflectional paradigm in native and nonnative processing of nouns: What mediates decomposition? The 8th International Morphological Processing Conference, Cambridge, UK, June 20-22.
- **Lukyanchenko, A.**, & Gor, K. (2013). Quantifying semantic, morphological and syntactic effects on phonological ambiguity resolution in listening to nonnative speech. The 11th International Symposium on Psycholinguistics, Canary Islands, Spain, March 20-23.
- Gor, K., & **Lukyanchenko, A.** (2012). Do nonnative speakers decompose inflected words in auditory lexical access? The 11th International Symposium on Psycholinguistics, Canary Islands, Spain, March 20-23.
- Gor, K., Cook, S., **Lukyanchenko, A.**, Solovyeva, K. (2011). Under pressure: What choice of experimental task reveals about L2 morphosyntax. The Second Language Research Forum (SLRF), Ames, Iowa, USA, October 13-16.

- Alcocer, P., Jensen, E., Kratovac, S., **Lukyanchenko, A.**, Teubner-Rhodes, S., Poeppel, D., Idsardi, W.J. (2009). Neural correlates of sonority sequencing constraint violations in word-initial consonant clusters using MEG. Neurobiology of Language Conference (NLC), Chicago, IL, USA, October 15–16.
- Lindemann, S., Andrews, G., Hirano, E., Irani, S., Lanier, A., **Lukyanchenko, A.** (2008). How particular segmental phonetic features (don't) affect attitudes towards nonnative speech. American Association for Applied Linguistics (AAAL), Washington, DC, March 31.

TEACHING EXPERIENCE

Instructor:

Spring 2024	Cognitive Psychology Lab (24 students), University of Pittsburgh
Spring 2022	Research Methods Lab (26 students), University of Pittsburgh
Fall 2021	Research Methods Lab (26 students), University of Pittsburgh
Summer 2021	Research Methods Lab (online) (20 students), University of Pittsburgh
Fall 2013	Second Language Research (directed study), University of Maryland
Summer 2013	Intensive Russian 102, University of Maryland
Summer 2011	Intensive Russian 101, University of Maryland
2004-2006	English for Business Purposes, Pyatigorsk State Linguistic University, Russia

Graduate teaching assistant:

Fall 2009	L2 Acquisition and Processing of Phonology (grad) (~ 10 students), University of Maryland
Fall 2006	Understanding Miscommunication (undergrad) (~ 100 students), Georgia State University
Fall 2007	Understanding Miscommunication (undergrad) (~ 100 students), Georgia State University

Teaching volunteer:

2022-2023	English for Ukrainian refugees, Speak Up For Peace/COMMON
2007-2008	ESL Instructor, The International Rescue Committee, Atlanta
Spring 2004	French, Comprehensive School #16, Pyatigorsk, Russia
Fall 2003	English, Comprehensive School #8, Essentuky, Russia

Teaching at workshops:

2015	Introduction to eye-tracking, Higher School of Economics
2014	Speech perception (annual educational workshop series), Northwood High School and Paint Branch High School / University of Maryland
2012	Introduction to DMDX, University of Maryland
2010	E-Prime and PRAAT workshop for psycholinguistics in SLA: a speech perception example, Second Language Research Forum

Advising and mentoring

University of Pittsburgh, Pittsburgh, PA

- **Undergraduate research assistant supervision (7):**
Kailee Lear (2021), Hannah Dewhurst (2022), Kailee O'Connor (2022), Madison Henry (2017-2018), Sara Trant (2017-2018), Adrienne Berue (2017-2018), Jennifer Gates (2018-2019)
- **Undergraduate intern research project advisor (1):**
Isabela Pardo (2024)

Center for Language and Brain, Moscow, Russia

- **Ph.D. thesis research advisor (1):**
Ekaterina Stupina (2018-2020)
- **Master's thesis research advisor (2):**
Nina Ladinskaya (2017-2019), Elizaveta Ivtushok (2016)
- **Undergraduate student qualifying project advisor (6):**
Valeria Tolkacheva (2014-2016), Valeria Kachur (2015), Kristina Bondarenko (2015), Alexandra Savchenko (2015), Nina Ladinskaya (2015, 2016), Nina Farizova (2015)
- **Intern research project advisor (4):**
Julia Edeleva (2015), Lisa Kukulenko (2015), Mari Ovsepyan (2015), Elena Onishchik (2015)

University of Maryland, College Park, MA

- **Undergraduate research advisor (1):**
Kristen Wahlgren (2013)
- **IGERT graduate student mentor (2):**
Yuichi Suzuki (2011), Alia Biller (2012)

GRANT SUPPORT

2024-2027	NIH/NIDCD R01DC020963-01A1, High-resolution functional imaging of speech induced sensory modulation (Total costs \$2,716,257). PI: Jason W. Bohland, My role: Investigator
2019-2024	NIH/NIDCD R01 HD096738-01A, Investigating the role of the cerebellum in reading (Total costs \$3,453,356). PI: Julie Fiez, My role: Postdoc
2016-2019	NIH U01NS098969, Subthalamic and corticosubthalamic coding of speech production (Total costs \$3,084,000). PI: Mark Richardson, My role: Postdoc
2015-2017	Grant of the Russian Foundation for Humanities, Space in language: the role of sensorimotor stereotypes in comprehension of spatial linguistic constructions (Total costs €15 000 per year). PI: Olga Dragoy, My role: Investigator

PROFESSIONAL SERVICE

Editorial:

- Guest Associate Editor in Language Sciences, Frontiers in Psychology & Frontiers in Communication, Special Research Topic "Fuzzy Lexical Representations in the Nonnative Mental Lexicon": <https://www.frontiersin.org/research-topics/15827>
- Editor, Selected proceedings of the Second Language Research Forum 2010, Somerville, MA: Cascadia Press

Ad-hoc reviewer:

Applied Linguistic Review; Applied Psycholinguistics; Bilingualism: Language and Cognition; Cortex; East European Journal of Psycholinguistics; Frontiers in Psychology; International Journal of Bilingualism; Journal of Learning Disabilities; Journal of Memory and Cognition; Journal of Neurolinguistics; Journal of Psycholinguistic Research; Journal of Slavic Linguistics; Language and Speech; Neurobiology of Language; NeuroImage; PlosOne; Second Language Research; The Russian Journal of Cognitive Science

Conference organization and outreach:

- Organizer of a workshop on PsychoPy training in collaboration with the Open Science Tools Ltd, LRDC, University of Pittsburgh, December, 2022

- Organizing Committee for the annual retreat of the Center for the Neural Basis of Cognition, University of Pittsburgh/ CMU, May 31- June 2, 2019 (~150 attendees)
- Organizing Committee for the Summer School of Neurolinguistics "Aphasia Assessment, Treatment and Recovery", Higher School of Economics, July 2-4, 2016 (~150 attendees)
- Organizing Committee for the Summer School of Neurolinguistics "Language and Brain Pathology", Higher School of Economics, August 24-26, 2015 (~150 attendees)
- Organizer of a series of educational seminars "Intraoperative speech mapping: an exchange of experience between Belgium and Russia", Higher School of Economics, July 6-8, 2015 (90 attendees)
- Organizing Committee for IGERT Winter Storm (2-week long training workshop for graduate students), University of Maryland, 2012 (195 attendees)
- Organized educational seminars for high-school students (Northwood High School and Paint Branch High School, Maryland), 2011-2013 (~100 attendees)
- Organized and ran an educational stand at Maryland Day, 2011, <https://www.marylandday.umd.edu/>
- Organizing Committee for Second Language Research Forum (SLRF) (completely student-run; one out of 6 organizing graduate students), University of Maryland, 2010 (>500 attendees)
- Organizing Committee for a week-long Orientation program for new graduate students, Volunteer international student assistant (V.I.S.A.), Georgia State University, 2007

Departmental:

- Ph.D. Defense committee (Ph.D. student; Maria Alekseeva), Higher School of Economics, 2024
- Research Associate representative on the Executive Committee, LRDC, University of Pittsburgh, 2023-2024
- Interviewer of job candidates for the position of an Assistant Professor in AI and Learning Science, LRDC, University of Pittsburgh, 2024
- Interviewer of graduate student applicants for the Cognitive Psychology Program at the University of Pittsburgh, 2024
- Board of Visitors meeting participation (research presentation, focused groups), LRDC, University of Pittsburgh, 2023
- Member of an "AI applications" group, LRDC, University of Pittsburgh, 2023
- Diversity & Inclusion postdoctoral committee, Learning, Research and Development Center, University of Pittsburgh, 2019
- Interviewer of graduate student applicants for the Cognitive Psychology Program at the University of Pittsburgh, 2019
- Master's Thesis and Qualifying Papers Committee, Higher School of Economics, Moscow, 2015 – 2016
- Maintenance of the SLA Program's website, University of Maryland, 2010 – 2012
- Secretary, Graduate Student Association, Applied Linguistics & ESL, Georgia State University, 2007 – 2008

MEDIA APPEARANCES

- Interview for the Journal of popular science "Schrödinger's cat": <http://kot.sh/statya/246/tak-govoril-mozg>
- An educational movie "Polyglots" for TV Channel "Moscow 24": <http://www.m24.ru/videos/99950>

- Interview for the website Thequestion.ru, “Why are some people better at learning foreign languages?”: <https://thequestion.ru/questions/43776/pochemu-u-nekotorykh-lyudei-est-sposobnosti-k-izucheniyu-inostrannykh-yazykov-a-u-drugikh-net>
- Interview for educational website Theory and Practice: <https://special.theoryandpractice.ru/language>

SKILLS

Programs and software:

R, SPSS, MATLAB, SPM, Afni, DMDX, PsychoPy/Pavlovia, E-Prime, Experiment Builder, Audacity, PRAAT, ITK snap

Languages:

Russian (native), English (near native), French (med intermediate), Spanish (low intermediate), German (novice), Latin (novice)