

ANNA CHRABASZCZ

pronunciation /'kra:bəs/

Learning Research and Development Center
University of Pittsburgh
3420 Forbes Avenue
Pittsburgh, PA 15260

Phone: (607) 302-8046
E-mail: anc211@pitt.edu
Scopus: 56315589300
ResearcherID: G-9278-2015
ORCID ID orcid.org/0000-0002-1766-7245

AREAS OF SPECIALIZATION

Second language acquisition; Psycholinguistics; Neurolinguistics

EDUCATION

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|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Foreign Language Pedagogy (English and French) and Psychology (5-year degree, magna cum laude) Pyatigorsk State Linguistic University, Russia |

ACCADEMIC EMPLOYMENT

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|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2021- present | Research Associate <i>Learning Research & Development Center, University of Pittsburgh</i> Using the fMRI method, I conduct research on how people learn to read in new orthographies, comparing typical readers and individuals with reading disabilities (PI: Dr. Julie Fiez). I design stimuli; program experimental tasks; perform data collection and data analysis; write scientific papers. |
| 2017-2021 | Postdoctoral Associate <i>Department of Psychology, University of Pittsburgh</i> Conducted research on speech production using electrocorticography method (PI: Dr. Mark Richardson). I performed data analysis; supervised data coding; wrote scientific papers. |
| 2014-2016 | Senior Research Scientist <i>Neurolinguistics Laboratory, National Research University Higher School of Economics, Moscow, Russia</i> Conducted research on language processing in typical, bilingual, and clinical populations; designed diagnostic tests for assessment of language function; administered intraoperative language mapping during awake neurosurgeries; supervised undergraduate students' research projects. |
| 2012-2013 | Graduate Research Assistant <i>Center for Advanced Study of Language (CASL), University of Maryland</i> |

Conducted research on linguistic correlates of proficiency in second language and heritage speakers, designed stimuli, programmed experiments, collected and analyzed data.

2008-2012

Graduate Research Assistant

Second Language Acquisition Program, University of Maryland

Conducted research on bilingual language processing; designed stimuli, programmed experiments, collected and analyzed data.

HONORS, AWARDS AND FELLOWSHIPS

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| 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 Dissertation Grant Language Learning Journal, research funding \$2,000 |
| 2012 | Graduate Student Summer Research Fellowship University of Maryland, research funding \$5,000 |
| 2010-2012 | Predoctoral Integrative Graduate Education and Research Training (IGERT) NSF 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 Award for University Graduates 2-year M.A. Program, coverage of full tuition and living expenses, Russian Fulbright Commission for the Cultural Exchange between Russia and the U.S. |
| 2006-2008 | World Fellowship Award Delta Kappa Gamma Society International for women educators, stipend \$4,700 per year |

PUBLICATIONS (* = advisee)

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. (accepted). Acquisition of Russian noun case by bilingual children: Lexical cues to case assignment in real and novel words, *Language Acquisition*. <https://doi.org/10.1080/10489223.2023.2201598>
2. 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
3. **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>

4. 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>
1. Wang, D., Lipski, W., Bush, A., **Chrabaszc, 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>
2. Dastolfo-Hromack, C., Bush, A., **Chrabaszc, 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>
3. **Chrabaszc, 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>
4. Gor, K., Cook, S., Bordag, D., **Chrabaszc, 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>
5. Ivanova, M., Akinina, Yu., Soloukhina, O., Iskra, E., Buivolova, O., **Chrabaszc, 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>
6. **Chrabaszc, 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>
7. *Edeleva, J., **Chrabaszc, 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>
[Full text]
8. **Chrabaszc, 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> [Full text]
9. Gor, K., **Chrabaszc, 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> [Full text]
10. Gor, K., **Chrabaszc, 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> [Full text]
11. **Chrabaszc, 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]
12. **Chrabaszc, 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> [Full text]

13. 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> [Full text]
14. 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> [Full text]
15. Laurinavichyute, A., **Chrabaszcz, A.**, Farizova, N., *Tolkacheva, V., and Dragoy, O. (2017). Vliyaniye sensomotornykh stereotipov na ponimanie prostranstvennykh konstruktsii: 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]
16. **Chrabaszcz, A.**, *Ovsepyan, M., and Dragoy, O. (2017). Rol' motornogo stereotipa v ponimanii lingvisticheskikh prostranstvennykh konstruktsii 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]
17. 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.
18. **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> [Full text]
19. **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 [Full text]
20. **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> [Full text]
21. **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]
22. **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]

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.

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: Cascadilla Proceedings Project.

EDITORIALS

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

PATENTS

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

CONFERENCE PROCEEDINGS

1. **Chrabaszcz, 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., **Chrabaszcz, A.**, *Stupina, E., *Tolkacheva, V. (2017). Intraoperative linguistic battery for language mapping during awake craniotomy. *Cognitive Science in Moscow: New Research*. Moscow: BukiVedi.
3. **Chrabaszcz 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., **Chrabaszcz 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: MAKS Press.
5. **Chrabaszcz, 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. **Chrabaszcz, 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., **Chrabaszcz, 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.

CONFERENCE PRESENTATIONS (* = advisee)

TALKS

- **Chrabaszc, 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 (Virtual edition).
- **Chrabaszc, 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 (SfN), San Diego, CA, November 3-7.
- Lipski, W.J., Richardson, R.M., Bush, A., Wang, D., Dastolfo-Hromack, C., **Chrabaszc, 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., **Chrabaszc, 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, September 10-12.
- **Chrabaszc, 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., **Chrabaszc, 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.
- **Chrabaszc, 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., **Chrabaszc, 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.
- **Chrabaszc, 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., **Chrabaszc, 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.
- **Chrabaszc, 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 and Teaching Foreign Languages, April 24-25, 2015.

- **Chrabaszc, 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., **Chrabaszc, 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.
- **Chrabaszc, 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., **Chrabaszc, 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. The 8th International Morphological Processing Conference, Cambridge, UK, 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 (SCLC), Washington, DC, USA, October 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, September 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.**, 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).
- **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. (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 **Chrabaszczyk, 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, September 3-5 (Virtual edition).
- *Ladinskaya, N., **Chrabaszczyk, 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., **Chrabaszczyk, 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., **Chrabaszczyk, 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 **Chrabaszczyk, 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., **Chrabaszczyk, 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., **Chrabaszczyk, 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., **Chrabaszczyk, 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., **Chrabaszczyk, 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., **Chrabaszc, 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.
- **Chrabaszc, A.**, Iskra, E., Gor, K., Dragoy, O. (2017). Morphological decomposition of inflected words: Evidence from aphasia. Academy of Aphasia, Baltimore, USA, November 5-7.
- **Chrabaszc, 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., **Chrabaszc, 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., & **Chrabaszc, A.**, *Stupina, E., *Tolkacheva, V. (2017). Intraoperative linguistic battery for language mapping during awake craniotomy. Cognitive Science in Moscow, Moscow, Russia, June 15.
- **Chrabaszc, A.**, & Dragoy, O. (2017). Comprehension of spatial constructions by Russian-American bilinguals. Cognitive Science in Moscow, Moscow, Russia, June 15.
- Dragoy, O., & **Chrabaszc, 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.
- **Chrabaszc, 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., **Chrabaszc, 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., **Chrabaszc, A.**, Akhutina, T. (2015). Developing auditory comprehension subtests of the Russian Aphasia Test. Academy of Aphasia, Tuscon, USA, October 18-21.
- **Chrabaszc, 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.
- **Chrabaszc, 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 and gliomas: when the connections are crucial, September 24-26.
- *Tolkacheva, V., **Chrabaszc, 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., **Chrabaszc, A.** (2015). Processing morphological ambiguity: The case of Russian homographs. The 9th International Morphological Processing Conference, University of Potsdam, Germany, June 18-20.
- **Chrabaszc, 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., **Chrabaszc, A.**, Buklina, S., Poddubskaya, A., Dragoy, O. (2015). Object and action naming in patients with brain tumor. Cognitive Science in Moscow, Moscow, Russia, June 16.

- **Chrabaszcz, 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, USA, March 31.

TEACHING EXPERIENCE

AS PRIMARY COURSE INSTRUCTOR OR CO-INSTRUCTOR

| | |
|-----------|------------------------------------------------------------------------------------------------------------|
| 2021-2022 | Research Methods Laboratory PSY 0037, University of Pittsburgh |
| 2013 | Second Language Research SLA 498 (co-instructor), University of Maryland |
| 2013 | Intensive Russian RUSS 102, University of Maryland |
| 2011 | Intensive Russian RUSS 101, University of Maryland |
| 2007-2008 | ESL Instructor, The International Rescue Committee, Atlanta Regional Office |
| 2004-2006 | English for Business Purposes 101; 102; 201; 202; 301; 302, Pyatigorsk State Linguistic University, Russia |

AS TEACHING ASSISTANT

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|-----------|----------------------------------------------------------------------------------------------------------------|
| 2009 | L2 Acquisition and Processing of Phonology SLAA 749F (Course Instructor: Dr. Kira Gor), University of Maryland |
| 2006-2008 | Understanding Miscommunication AL 2231 (Course Instructor: Dr. Stephanie Lindemann), Georgia State University |
| 2004 | French as a foreign language, High School #16, Pyatigorsk, Russia |
| 2003 | English as a foreign language, High School #8, Essentuky, Russia |

TEACHING AT WORKSHOPS

| | |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2015 | Introduction to eye-tracking, Higher School of Economics |
| 2012 | Introduction to DMDX, University of Maryland |
| 2010 | E-Prime Workshop for Psycholinguistics in SLA: a Speech Perception Example (with Annie Tremblay and Sunyoung Lee-Ellis), Second Language Research Forum, University of Maryland |

ADVISING & MENTORING

2021-2022 Mentoring, University of Pittsburgh
Students: Kailee Leer, Hannah Dewhurst, Kailee O'Connor

2018-2021 Graduate thesis advisor, Center for Language and Brain, Moscow
Students: Ph.D. - Ekaterina Stupina, M.A. - Nina Ladinskaya

2014-2016 Undergraduate student research advisor, Neurolinguistics Laboratory, Moscow
Students: Valeria Tolkacheva, Valeria Kachur, Kristina Bondarenko, Alexandra Savchenko, Nina Ladinskaya, Elizaveta Ivtushok

2013 Undergraduate student research advisor, University of Maryland
Student: Kristen Wahlgren

2011-2012 IGERT student mentor, University of Maryland
Students: Yuichi Suzuki (2011), Alia Biller (2012)

PROFESSIONAL SERVICE

EDITING

2020 - 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>

2010-2011 – Editor, Selected proceedings of the Second Language Research Forum 2010, Somerville, MA: Cascadilla 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 Memory and Cognition
- Journal of Neurolinguistics
- Journal of Psycholinguistic Research
- Journal of Slavic Linguistics
- Language and Speech
- Neurobiology of Language
- NeuroImage
- Second Language Research
- The Russian Journal of Cognitive Science

CONFERENCE ORGANIZATION

2019 - Organizing Committee for the annual retreat of the Center for the Neural Basis of Cognition May 31- June 2 (~150 attendees)

2016 - Organizing Committee for the Summer School of Neurolinguistics "Aphasia Assessment, Treatment and Recovery", Higher School of Economics, July 2-4 (~150 attendees)

2015 - Organizing Committee for the Summer School of Neurolinguistics "Language and Brain Pathology", Higher School of Economics, August 24-26 (~150 attendees)

2015 - 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 (90 attendees)

2012 - Organizing Committee for IGERT Winter Storm (2-week long training workshop for graduate students), University of Maryland (195 attendees)

2010 - Organizing Committee for Second Language Research Forum (SLRF) (completely student-run; one out of 6 organizing graduate students), University of Maryland (>500 attendees)

DEPARTMENTAL

- Diversity & Inclusion postdoctoral committee, Learning, Research and Development Center, University of Pittsburgh, 2019
- Interviewer of prospective 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

VOLUNTEERING AND OUTREACH

- 2022 Teaching English as a Second Language to refugees from Ukraine, Speak Up For Peace, <https://www.instagram.com/speak.up.for.peace/>
- 2022 Teaching English as a Second Language to refugees from Ukraine, COMMON, <https://www.instagram.com/cmoncmon.co/>
- 2011-2013 Organized educational seminars for high-school students (~100 attendees) (Northwood High School and Paint Branch High School, Maryland)
- 2011 Ran an educational stand at Maryland Day, <https://www.marylandday.umd.edu/>
- 2007 Organized and ran a week-long Orientation program for new graduate students, Volunteer international student assistant (V.I.S.A.), Georgia State University

SKILLS

Statistical software:

R, SPSS, MATLAB, Python

Neuro data processing software:

EEGLAB, ERPLAB, SPM, FieldTrip, LEAD-DBS, Mricron, ITK, OsiriX, Afni

Image and video editing software:

Adobe Photoshop, Adobe Illustrator, iMovie

Audio editing software:

Audacity, PRAAT

Experimental presentation software:

DMDX, PsychoPy/Pavlovia, E-Prime, Experiment Builder

Technical skills:

Research design; data collection, analysis, visualization, interpretation; statistics and modeling; technical writing and editing; curriculum design; test development and assessment

Soft skills:

Problem solving; critical thinking; creative thinking; oral/written communication; organization and time management; multitasking; language pedagogy

Languages:

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