NAZBANOU (BONNIE) NOZARI

CURRICULUM VITAE

DEMOGRAPHIC AND PERSONAL INFORMATION August 2026

Personal Data

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Current Appointments

2023-	Professor, Department of Psychological and Brain Sciences, Indiana University
2023-	Professor, Cognitive Science Program, Indiana University
2022-2022	Visiting researcher, Department of Psychology, Ghent University, Belgium
2022-2023	Associate Professor with tenure, Department of Psychology, Carnegie Mellon University
2019-2023	Associate Professor, Department of Psychology, Carnegie Mellon University
2019-2023	Affiliated faculty, Center for the Neural Basis of Cognition (CNBC)
2018-2019	Associate Professor, Department of Neurology, School of Medicine, Johns Hopkins University
2014-2019	Joint appointment, Department of Cognitive Science, Krieger School of Arts and Sciences, Johns Hopkins University
2014-2018	Assistant Professor, Department of Neurology, School of Medicine, Johns Hopkins University

Education and Training

Post-doctoral

2011-13	Fellowship in Cognitive Neuroscience, University of Pennsylvania, Philadelphia, PA (Advisor: Sharon Thompson-Schill)
2011-12	Fellowship in Cognitive Neuropsychology, Moss Rehabilitation Research Institute, Elkins Park, PA (Advisor: Myrna Schwartz)

Doctoral/graduate

2011	Ph.D., Cognitive Psychology, University of Illinois at Urbana-Champaign, Champaign, IL (Advisor: Gary Dell)
2009	M.A., Cognitive Psychology, University of Illinois at Urbana-Champaign, Champaign, IL
2005	M.D. Tehran University of Medical Sciences, Tehran, Iran (Includes 1 year of clinical internship).

Professional Experience Prior to Faculty Appointments

2010-11	Teaching Assistant, University of Illinois at Urbana-Champaign
2006-10	Research Assistant, University of Illinois at Urbana-Champaign
2005-2006	Research Assistant, Roozbeh Psychiatric hospital, Tehran University of Medical Sciences
2005-2006	Collaborative Research Assistant, Kings College London, executing the10/66 international dementia screening project in Iran
2004-2005	Medical Intern (rotations in several hospitals)

RECOGNITION

Awards, Honors

2020	American Psychological Association (APA) Distinguished Scientific Award for Early Career Contribution to Psychology in human cognition and learning.
2018	Featured lab in the Monitor on Psychology (General-audience publication of the American Psychological

Association)
2013 American Psychological Association (APA) New Investigator Award
2012 Robert J. Glushko Award for best dissertation in Cognitive Science.
2010 Outstanding teacher, as ranked by the undergraduate students at University of Illinois at Urbana-Champaign, Lab in Cognitive Psychology.
2009 Academy of Aphasia's best student presentation award, Boston, MA.
2005 Travel grant for the 2nd Conference on Brain and Behavior, Thessaloniki, Greece. $500 (declined).
2004 Outstanding Intern Award, Children Medical Center, Tehran, Iran.

PUBLICATIONS

Peer-reviewed Published Research *(Journal articles + 6-page CogSci proceedings; mentees are underlined).*

1. **Nozari, N.,** Freund, M. C., & Rapp, B. (2026). The effect of semantic similarity on re-learning of vocabulary in activation and inhibition deficit in aphasia. *Cognitive Neuropsychology.* https://doi.org/10.1080/02643294.2026.2693787
2. Murphy, T. K., Holt, L. L., & **Nozari, N.** (2026). Exposure to an accent transfers to speech production in a single shot. *Cognition, 270,* 106412. https://doi.org/10.1016/j.cognition.2025.106412
3. Huffaker, K., Holt, L. L., & **Nozari, N**. (2026). Transfer of statistical learning from speech perception to production generalizes to reading. *Psychonomic Bulletin & Review, **33**,* 104. https://doi.org/10.3758/s13423-026-02874-y
4. Hu, S., Stark, B. C., DuVal, D., & **Nozari, N.** (2026). LeCoder: A Large-Scale Automated Coder for Coding Errors in Word Production Tasks. *Behavioral Research Methods, **58**,* 67. https://link.springer.com/article/10.3758/s13428-026-02948-8
5. Thorburn, C., Zhou, L., Dick, F., **Nozari, N.,** & Holt, L. L. (2026). Speech motor control is not sequestered from general auditory processes. *Journal of Experimental Psychology: General, 155*(3), 776–791. https://doi.org/10.1037/xge0001901
6. Muylle, M., Hartsuikert, R., & **Nozari., N.** (2026). On idle idols and ugly icons: Investigating lexical selection in typing through homophones. *Journal of Memory and Language, 146.* https://doi.org/10.1016/j.jml.2025.104703
7. **Nozari, N.,** Pinet, S., & Muylle, M. (2026). What can typing tell us about language *production? Annual Reviews of Linguistics, 12,* 209-226. https://doi.org/10.1146/annurev-linguistics-041824-034740
8. Goldman, A., **Nozari, N.,** Lim. Y., Kibler, M. (2026). "Hearing As": Knowledge of Syntactic Structure Affects ERP Components for Musical Expectation. *Journal of Cognitive Neuroscience, 38* (4), 765-778. https://doi.org/10.1162/JOCN.a.2404
9. Atilgan, N., & **Nozari, N.** (2026). Statistical learning of orthotactic constraints: Evidence from typing. *Journal of Experimental Psychology: Learning, Memory, and Cognition.* https://doi.org/10.1037/xlm0001502
10. **Nozari, N.** (2025). Monitoring, control and repair in word production. *Nature Reviews Psychology, 4,* 222–238. https://doi.org/10.1038/s44159-025-00417-1
11. Murphy, T. K., **Nozari, N.,** & Holt, L. L. (2025). Bears don't always mess with beers: Limits on generalization of statistical learning in speech. *Psychonomic Bulletin & Review*. https://doi.org/10.3758/s13423-025-02690-w
12. **Nozari, N.** (2025). The relationship between monitoring, control, conscious awareness and attention in language production. *Journal of Neurolinguistics. https://doi.org/10.1016/j.jneuroling.2025.101247*
13. Aczel, B., Barwich, A.S., Diekman, A. B., Fishbach, A., Goldstone, R., Gomez, P., Gundersen, O.E., von Hippel, P. T., Holcombe, A. O., Lewandowsky, S., **Nozari, N.,** Pestilli, F., Ioannidis, J. P. A. (2025). The present and future of peer review: Ideas, interventions, and evidence. *Proceedings of the National Academy of Sciences. 122* (5) e2401232121. https://doi.org/10.1073/pnas.2401232121
14. Waller, M., Yurovsky, D., & **Nozari, N.** (2025). Production training and contextual similarity hurt the comprehension of new vocabulary. *Language, Cognition and Neuroscience*, *40*(3), 291–314. https://doi.org/10.1080/23273798.2024.2429127
15. Zhu, D., Wang, X., Zhao, E., **Nozari, N.,** Notebaert, W., & Braem, S. (2025). Cognitive control is task specific: Further evidence against the idea of domain-general conflict adaptation. Journal of Experimental

Psychology: Learning, Memory, and Cognition. Advance online publication. https://dx.doi.org/10.1037/xlm0001480

16. Goldman, A., Lim. Y., Kibler, M., & **Nozari, N.** (2025). "Hearing As": Top-down Processing Affects Early ERP Components for Musical Expectation. In D. Barner, C. Walker, A. Ruggeri, & N. Bramley (Eds.), *Proceedings of the 45th Annual Conference of the Cognitive Science Society.* Cognitive Science Society.
17. Waller, M., Yurovsky, D., & **Nozari, N.** (2024). Of Mouses and Mans: a Test of Errorless vs. Error-based Learning in Children. *Cognitive Science.* https://doi.org/10.1111/cogs.70006
18. **Nozari, N.** & Martin, R. C. (2024). Is working memory domain-general or domain-specific? *Trends in Cognitive Sciences. 28*(11), 1023-1036. https://doi.org/10.1016/j.tics.2024.06.006
19. Oppenheim, G. M., & **Nozari, N.** (2024). Similarity-induced interference or facilitation in language production reflects representation, not selection. *Cognition, 245,* 105720. https://doi.org/10.1016/j.cognition.2024.105720
20. Waller, M., Yurovsky, D., & **Nozari, N.** (2024). Effect of similarity and training experiences on new vocabulary learning. In L. K. Samuelson, S. Frank, M. Toneva, A. Mackey,& E. Hazeltine (Eds.), *Proceedings of the 45th Annual Conference of the Cognitive Science Society.* Cognitive Science Society.
21. Muylle, M., Hartsuiker, R., & **Nozari, N.** (2024). On idle idols and ugly icons: Do homophones create interference in typing? In L. K. Samuelson, S. Frank, M. Toneva, A. Mackey,& E. Hazeltine (Eds.), *Proceedings of the 45th Annual Conference of the Cognitive Science Society.* Cognitive Science Society.
22. Murphy, T. K., **Nozari, N.,** & Holt, L. L. (2024). Transfer of statistical learning from passive speech perception to speech production. *Psychonomic Bulletin & Review*, *31,* 1193–1205. https://doi.org/10.3758/s13423-023-02399-8
23. Pinet, S. & **Nozari, N.** (2023). Different electrophysiological signatures of similarity-induced and Stroop-like interference in language production. *Journal of Cognitive Neuroscience, 35* (8), 1329–1349. https://doi.org/10.1162/jocn_a_02014
24. Black, J. & **Nozari, N.** (2023). Precision of phonological errors in aphasia supports resource models of phonological working memory in language production. *Cognitive Neuropsychology.* https://doi.org/10.1080/02643294.2023.2206012
25. Arslan, B., Ng, F., Goksun, T., & **Nozari, N.** (2023). Trust my gesture or my word? How do listeners choose the information channel during communication? *Journal of Experimental Psychology: Learning, Memory, and Cognition.* https://dx.doi.org/10.1037/xlm0001253
26. Shekari, E., & **Nozari, N.** (2023). A narrative review of the anatomy and function of the white matter tracts in language production and comprehension. *Frontiers in Human Neuroscience.* https://doi.org/10.3389/fnhum.2023.1139292
27. Burgess, J., & **Nozari, N.** (2022). A conflict-based model of speech error repairs in humans. In J. Culbertson, A. Perfors, H. Rabagliati, & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Conference of the Cognitive Science Society.* Cognitive Science Society. (pp. 2140-2146). https://escholarship.org/uc/item/2qg342vp
28. **Nozari, N.** & Omaki, A. (2022). Revisiting Agreement: Do Children and Adults Compute Subject-verb Agreement Differently? In J. Culbertson, A. Perfors, H. Rabagliati, & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Conference of the Cognitive Science Society.* Cognitive Science Society. (pp. 409-415). https://escholarship.org/uc/item/6dc6q5wq
29. Atilgan, N., Chu, L., & **Nozari, N.** (2022). Statistical learning of orthotactic constraints: new insights from typing. In J. Culbertson, A. Perfors, H. Rabagliati, & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Conference of the Cognitive Science Society.* Cognitive Science Society. (pp. 366-372). https://escholarship.org/uc/item/2nv0n68w
30. Lakhani, N., & **Nozari, N.** (2022). Do speakers and listeners remember the speech errors or the repairs in communications? In J. Culbertson, A. Perfors, H. Rabagliati, & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Conference of the Cognitive Science Society.* Cognitive Science Society. (pp. 1441-1447). https://escholarship.org/uc/item/2695v42f
31. Waller, M., **Nozari, N.,** & Yurovsky, D. (2022). Of mouses and mans: the role of production and feedback in language learning. In J. Culbertson, A. Perfors, H. Rabagliati, & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Conference of the Cognitive Science Society.* (pp. 402-408). Cognitive Science Society. https://escholarship.org/uc/item/9c07b8px

32. Pinet, S., & **Nozari, N.** (2022). Correction without consciousness in complex tasks: Evidence from typing. *Journal of Cognition, 5*(1): 11, 1–14. https://doi.org/10.5334/joc.202
33. Oppenheim, G., & **Nozari, N.** (2021). Behavioral interference or facilitation does not distinguish between competitive and noncompetitive accounts of lexical selection in word production. In T. Fitch, C. Lamm, H. Leder, & K. Tessmar (Eds.), *Proceedings of the 43rd Annual Conference of the Cognitive Science Society.* (pp. 625-631). Cognitive Science Society.
34. Pinet, S., & **Nozari, N.** (2021). The role of visual feedback in detecting and correcting typing errors: A signal detection approach. *Journal of Memory and Language*. https://doi.org/10.1016/j.jml.2020.104193
35. Riès, S., Pinet, S., **Nozari, N.,** & Knight, R. T. (2021). Characterizing multi-word speech production using event-related potentials. *Psychophysiology. 58(5)*:e13788. https://doi.org/10.1111/psyp.13788
36. Brown-Schmidt, S., Cho, S. J., **Nozari, N.,** Klooster, N., & Duff, M. (2021). The limited role of hippocampal declarative memory in transient semantic activation during online language processing. *Neuropsychologia.* https://doi.org/10.1016/j.neuropsychologia.2020.107730
37. Martin, C. D., & **Nozari, N.** (2021). Language control in bilingual production: Insights from error rate and error type in sentence production. *Bilingualism: Language and Cognition, 24*(2), 374-388. https://doi.org/10.1017/S1366728920000590
38. Hepner, C. R., & **Nozari, N.** (2020). The dual origin of lexical perseverations in aphasia: Residual activation and incremental learning. Neuropsychologia*, 147*. https://doi.org/10.1016/j.neuropsychologia.2020.107603
39. **Nozari, N.** (2020). A comprehension- or a production-based monitor? Response to Roelofs (2020)**.** *Journal of Cognition, 3*(1): 19, 1–21. https://doi.org/10.5334/joc.102
40. Harrison, W., Hepner, C., & **Nozari, N.** (2020). Is Segmental Interference Position-dependent? In S. Denison, M. Mack, Y. Xu, & B. C. Armstrong (Eds.), *Proceedings of the 42nd Annual Conference of the Cognitive Science Society.* (pp. 681-687). Cognitive Science Society.
41. McDonagh, D., Fisher, A. & **Nozari, N.** (2020). Do Taxonomic and Associative Relations Affect Word Production in the Same Way? In S. Denison, M. Mack, Y. Xu, & B. C. Armstrong (Eds.), *Proceedings of the 42nd Annual Conference of the Cognitive Science Society.* (pp. 544-550). Cognitive Science Society.
42. Pinet, S., & **Nozari, N.** (2020). Using Signal Detection Theory to Investigate the Role of Visual Information in Performance Monitoring in Typing. In S. Denison, M. Mack, Y. Xu, & B. C. Armstrong (Eds.), *Proceedings of the 42nd Annual Conference of the Cognitive Science Society.* (pp. 1789-1794). Cognitive Science Society.
43. Pinet, S. & **Nozari, N.** (2020). Electrophysiological Correlates of Monitoring in Typing with and without Visual Feedback. *Journal of Cognitive Neuroscience, 32*(4), 603-620. https://doi.org/10.1162/jocn_a_01500
44. **Nozari, N.,** Pinet, S. (2020). A critical review of the behavioral, neuroimaging, and electrophysiological studies of co-activation of representations during word production. *Journal of Neurolinguistics, 53,* 1-19. https://doi.org/10.1016/j.jneuroling.2019.100875
45. **Nozari, N.,** Martin, C. D., & McCloskey, N. (2019). Is repairing speech errors an automatic or a controlled process? Insights from the relationship between error and repair probabilities in English and Spanish *Language, Cognition, & Neuroscience. 34*(9), 1230-1245. http://dx.doi.org/10.1080/23273798.2019.1637007
46. Breining, B. L., **Nozari, N.**, & Rapp, B. (2019). Learning in complex, multi-component cognitive systems: Different learning challenges within the same system. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 45*(6), 1093-1106. http://dx.doi.org/10.1037/xlm0000630
47. **Nozari, N.**, & Hepner, C. (2019). To select or to wait? Response to the commentaries. *Cognitive Neuropsychology, 36*(5-6), 226-233. https://doi.org/10.1080/02643294.2019.1632280
48. **Nozari, N.** & Hepner, C. (2019). To select or to wait? The importance of criterion setting in debates of competitive lexical selection. *Cognitive Neuropsychology, 36*(5-6), 193-207. https://doi.org/10.1080/02643294.2018.1476335
49. Hepner, C. & **Nozari, N.** (2019). Resource allocation in phonological working memory: Same or different principles from vision? *Journal of Memory and Language, 106,* 172-188. https://doi.org/10.1016/j.jml.2019.03.003
50. **Nozari, N.** (2019). The dual origin of semantic errors in access deficit: activation vs. inhibition deficit. *Cognitive Neuropsychology, 36,* 31-53. https://doi.org/10.1080/02643294.2019.1587397

51. Freund, M. & **Nozari, N.** (2018). Is adaptive control in language production mediated by learning? *Cognition, 176*, 107–130. https://doi.org/10.1016/j.cognition.2018.03.009
52. Pinet, S. & **Nozari, N.** (2018). "Twisting fingers": the case for interactivity in typed language production. *Psychonomic Bulletin & Review, 25*, 1449–1457. https://doi.org/10.3758/s13423-018-1452-7
53. Akhavan, N., Goksun, T. & **Nozari, N.** (2018). Integrity and function of gestures in aphasia *Aphasiology,32,* 1310-1335. https://doi.org/10.1080/02687038.2017.1396573
54. Hepner, C., Pinet, S. & **Nozari, N.** (2018). An enhanced model of gemination in spelling: Evidence from a large corpus of typing errors. In C. Kalish, M. Rau, J. Zhu, & T. Rogers (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp. 489-494). Austin, TX: Cognitive Science Society.
55. Hepner, C. & **Nozari, N.** (2018). A resource model of phonological working memory. In C. Kalish, M. Rau, J. Zhu, & T. Rogers (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp. 495-500). Austin, TX: Cognitive Science Society.
56. **Nozari, N.** & Omaki, A. (2018). Syntactic production is not independent of inhibitory control: Evidence from agreement attraction errors. In C. Kalish, M. Rau, J. Zhu, & T. Rogers (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp. 824-829). Austin, TX: Cognitive Science Society.
57. Arnold, J. & **Nozari, N.** (2017). The effects of utterance timing and stimulation of left prefrontal cortex on the production of referential expressions. *Cognition, 160,* 127–144. https://doi.org/10.1016/j.cognition.2016.12.008
58. Akhavan, N., **Nozari, N.,** & Goksun, T. (2017). Expression of motion events in Farsi. *Language, Cognition and Neuroscience,32*(6), 792-804. https://doi.org/10.1080/23273798.2016.1276607
59. **Nozari, N.** & Faroqi-Shah, Y. (2017). Investigating the origin of nonfluency in aphasia: A path modeling approach to neuropsychology. *Cortex, 95,* 119-135. https://doi.org/10.1016/j.cortex.2017.08.003
60. **Nozari, N.** & Novick, J. (2017). Monitoring and control in language production. *Current Directions in Psychological Science, 26*(5), 403–410. https://doi.org/10.1177/0963721417702419
61. Trude, A., & **Nozari, N.** (2017). Inhibitory control supports referential context use in language production and comprehension. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society Society* (pp. 1218-1223). Austin, TX: Cognitive Science Society.
62. **Nozari, N.,** Trueswell, J., & Thompson-Schill, S.L. (2016). The interplay of local attraction, context and domain-general cognitive control in activation and suppression of semantic distractors during sentence comprehension**.** *Psychonomic Bulletin & Review, 23*(6), 1942-1953. https://doi.org/10.3758/s13423-016-1068-8
63. Breining, B., **Nozari, N.,** & Rapp, B. (2016). Does segmental overlap help or hurt? Evidence from blocked cyclic naming in spoken and written production. *Psychonomic Bulletin & Review*, *23,* 500-506. https://doi.org/ 10.3758/s13423-015-0900-x
64. **Nozari, N.,** Mirman, D., & Thompson-Schill, S.L. (2016). The ventrolateral prefrontal cortex facilitates processing of sentential context to locate referents *Brain & Language, 157,* 1-13. https://doi.org/10.1016/j.bandl.2016.04.006
65. **Nozari, N.,** Freund, M., Breining, B., Rapp, B., & Gordon, B. (2016). Cognitive control during selection and repair in word production. *Language, Cognition & Neuroscience, 31* (7), 886-903. https://doi.org/10.1080/23273798.2016.1157194
66. Hanley, R.J., Cortis, C., Budd, M.J., & **Nozari, N.** (2016). Did I say dog or cat? A study of semantic error detection and correction in children. *Journal of Experimental Child Psychology, 142,* 36-47. https://doi.org/10.1016/j.jecp.2015.09.008
67. Akhavan, N., Goksun, T., & **Nozari, N.** (2016). Disfluency production in speech and gesture. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 716-721). Austin, TX: Cognitive Science Society.
68. **Nozari, N.,** & Mirman, D. (2016). Using determiners as contextual cues in sentence comprehension: A comparison between younger and older adults. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1193-1198). Austin, TX: Cognitive Science Society.
69. Freund, M., Gordon, B., & **Nozari, N.** (2016). Conflict-based regulation of control in language production. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1625-1630). Austin, TX: Cognitive Science Society.

70. **Nozari, N.,** Goksun, T., Thompson-Schill, S.L., & Chatterjee, A. (2015). Phonological similarity affects production of gestures, even in the absence of speech. *Frontiers in Psychology, 6* (1347). https://doi.org/10.3389/fpsyg.2015.01347
71. **Nozari, N.,** Dell, G.S., Schneck, K., & Gordon, B. (2015). Implementation of selective attention in sequential word production. In D. C. Noelle, R. Dale, A. S. Warlaumont, J. Yoshimi, T. Matlock, C. D. Jennings, & P. P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 1745-1750). Austin, TX: Cognitive Science Society.
72. Akhavan, N., **Nozari, N.,** & Goksun, T. (2015). Motion event expressions in language and gesture: Evidence from Persian. In D. C. Noelle, R. Dale, A. S. Warlaumont, J. Yoshimi, T. Matlock, C. D. Jennings, & P. P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 60-65). Austin, TX: Cognitive Science Society.
73. **Nozari, N.,** Arnold, J. E., & Thompson-Schill, S. L. (2014). The Effects of Anodal Stimulation of the Left Prefrontal Cortex on Sentence Production. *Brain stimulation*, *7*(6), 784-792. doi: 10.1016/j.brs.2014.07.035
74. **Nozari, N.,** Woodard, K., & Thompson-Schill, S. L. (2014). Consequences of cathodal stimulation for behavior: when does it help and when does it hurt performance? *PloS one*, *9*(1), 1-15. https://doi.org/10.1371/journal.pone.0084338
75. **Nozari, N.,** & Thompson-Schill, S.L. (2013). More attention when speaking: does it help or does it hurt? Evidence from tDCS. *Neuropsychologia, 51*(13), 2770-2780. doi: 10.1016/j.neuropsychologia.2013.08.019
76. **Nozari, N.,** & Dell, G.S. (2013). How damaged brains repeat words: A computational approach. *Brain & Language, 126(3),* 327-337. https://doi.org/10.1016/j.bandl.2013.07.005
77. Dell, G. S., Schwartz, M. F., **Nozari, N.,** Faseyitan, O., & Coslett, B. H. (2013). Voxel-based lesion-parameter mapping: Identifying the neural correlates of a computational model of word production. *Cognition, 128(3),* 380-396. https://doi.org/10.1016/j.cognition.2013.05.007
78. **Nozari, N.,** & Dell, G. S. (2012). Feature migration in time: Reflection of selective attention on speech errors. *Journal of Experimental Psychology: Learning, Memory & Cognition, 38*(4), 1084-1090. https://doi.org/10.1037/a0026933
79. Budd, M. J., Hanley, & J.R., **Nozari, N.** (2012). Evidence for a non-lexical influence on children's auditory repetition of familiar words. *Journal of Psycholinguistic Research, 41*(4), 253-266. https://doi.org/10.1007/s10936-011-9189-8
80. **Nozari, N.,** Dell, G.S., Schwartz, M.F. (2011). Is comprehension the basis for error detection? A conflict-based theory of error detection in speech production. *Cognitive Psychology, 63(1),* 1-33. https://doi.org/10.1016/j.cogpsych.2011.05.001
81. **Nozari, N.** & Dell, G.S. (2011). Selective attention and speech errors: feature migration in time. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 1370-1375). Austin, TX: Cognitive Science Society.
82. **Nozari, N.,** Kittredge, A.K., Dell, G.S., Schwartz, M.F. (2010). Naming and repetition in aphasia: Steps, routes, and frequency effects. *Journal of memory and Language, 63*, 541-559. https://doi.org/10.1016/j.jml.2010.08.001
83. **Nozari, N.,** Ferri, C.P., Farin, F., Noroozian, M., Salehi, M., Seyedian, M., & Prince, M. (2009). Validation of the 10/66 Dementia Research Group's 10/66 Dementia diagnosis in Iran. *International Psychogeriatrics, 21(3),* 604-605. https://doi.org/10.1017/S104161020900845X
84. **Nozari, N.,** & Dell, G.S., (2009). More on lexical bias: how efficient can a "lexical editor" be? *Journal of Memory and Language, 60,* 291-307. https://doi.org/10.1016/j.jml.2008.09.006
85. Behzadi, A., **Nozari, N.,** & Ekhtiari, H. (2006). Reasoning, Induction and Language; Literature Review and the Practical Methods of Assessment. *Iranian Journal of Cognitive Science,* 4, 24-29. [article in Persian]

Book Chapters

1. **Nozari, N.** (2022). Neural basis of word production. In L. R. Gleitman, A. Papafragou, & J. C. Trueswell (Eds.), *The Oxford Handbook of The Mental Lexicon* (pp. 552-574). Oxford: Oxford University Press.
2. **Nozari, N.** (2018). How special is language production? Perspectives from monitoring and control. In K. Federmeier and D. Watson (Eds.), *Psychology of Learning and Motivation: Current Topics in Language* (Vol. 68, pp. 179-213). Cambridge, MA: Academic Press. https://doi.org/10.1016/bs.plm.2018.08.006

3. **Nozari, N.,** & Thompson-Schill, S. L. (2016). Left ventrolateral prefrontal cortex in processing of words and sentences. In G. Hickok & S. L. Small (Eds.), *Neurobiology of Language* (pp. 569–584). San Diego, CA: Academic Press. https://doi.org/10.1016/B978-0-12-407794-2.00046-8
4. Dell, G. S., **Nozari, N.,** & Oppenheim, G. M. (2014). Lexical access: Behavioral and computational considerations. In V. Ferreira, M. Goldrick, & M. Miozzo (Eds.), *The Oxford Handbook of Language Production* (pp. 88-104). Oxford: Oxford University Press. https://doi.org/10.1093/oxfordhb/9780199735471.013.014

Non-peer Reviewed Publications and Conference Proceedings *(Excludes abstracts for conferences without published proceedings, and peer-reviewed CogSci papers).*

1. Murphy, T.K., **Nozari, N.,** Holt, L.L. (2023). *Statistical regularities of accented speech influence listeners' own speech productions.* The Journal of the Acoustical Society of America, 153, A341-A341, https://doi.org/10.1121/10.0019080
2. **Nozari, N.** (2020). Award for Distinguished Scientific Early Career Contributions to Psychology: Nazbanou Nozari (2020). *American Psychologist, 75*(9), 1260–1262. https://doi.org/10.1037/amp0000789
3. Hepner, C. & **Nozari, N.** (2018). The dual origin of lexical perseverations in aphasia: Residual activation and incremental learning. Conference abstract: 56th Annual Meeting of the Academy of Aphasia. Frontiers in Human Neuroscience. doi: 10.3389/conf.fnhum.2018.228.00010
4. Pinet, S. & **Nozari, N.** (2018). The footprint of semantic and phonological interference in picture naming in aphasia: Preliminary evidence from ERP. Conference abstract: 56th Annual Meeting of the Academy of Aphasia. Frontiers in Human Neuroscience. doi:10.3389/conf.fnhum.2018.228.00073
5. Freund, M., Rapp, B., & **Nozari, N.** (2017). Does semantic relatedness help or hurt re-learning of object names in aphasia? Conference abstract: 55th Annual Meeting of the Academy of Aphasia. Frontiers in Psychology. doi: 10.3389/conf.fnhum.2017.223.00063
6. **Nozari, N.** (2017). The dual origin of semantic errors in access deficits: activation deficit vs. inhibition deficit. Conference abstract: 55th Annual Meeting of the Academy of Aphasia. Frontiers in Psychology. doi: 10.3389/conf.fnhum.2017.223.00100
7. Hepner, C. & **Nozari, N.** (2017). A resource model of phonological working memory in language production and perception. Conference abstract: 55th Annual Meeting of the Academy of Aphasia. Frontiers in Psychology. doi: 10.3389/conf.fnhum.2017.223.00087
8. **Nozari, N.** & Faroqi-Shah, Y. (2016). How should we approach the study of fluency? A corpus analysis. *Frontiers in Psychology.* Conference Abstract: 54th Annual Academy of Aphasia Meeting. doi: 10.3389/conf.fpsyg.2016.68.00038
9. Akhavan, N., Goksun, T., Kazemi, R. & **Nozari, N.** (2016). Integrity and function of gestures in aphasia. *Front.iers in Psychology.* Conference Abstract: 54th Annual Academy of Aphasia Meeting. doi: 10.3389/conf.fpsyg.2016.68.00039
10. Trude, A., & **Nozari, N.** (2016). Cognitive costs of perspective-taking in an individual with nonfluent aphasia. *Frontiers in Psychology.* Conference Abstract: 54th Annual Academy of Aphasia Meeting. doi: 10.3389/conf.fpsyg.2016.68.00032
11. **Nozari, N**. (2014). Using Transcranial Direct Current Stimulation (tDCS) to study and treat aphasia. *Frontiers in Psychology.* Conference Abstract: 52nd Annual Academy of Aphasia Meeting Annual Meeting. doi:10.3389/conf.fpsyg.2014.64.00008.
12. **Nozari, N**. (2014). Using Transcranial tDCS to test cognitive hypotheses. *Frontiers in Psychology.* Conference Abstract: 52nd Annual Academy of Aphasia Meeting Annual Meeting. doi:10.3389/conf.fpsyg.2014.64.00009
13. **Nozari, N.,** Mirman, D., & Thompson-Schill, S.L. (2014). The role of the left ventrolateral prefrontal cortex in online sentence processing. *Frontiers in Psychology*. Conference Abstract: 52nd Annual Academy of Aphasia Meeting Annual Meeting. doi: 10.3389/conf.fpsyg.2014.64.00012
14. Middleton, E., Schwartz, M.F., Graziano, K., Brown, D., & **Nozari, N.** (2014) A Paradigm for Investigating Executive Control Mechanisms in Word Retrieval in Language-Impaired and Neurotypical Speakers. *Frontiers in Psychology.* Conference Abstract: 52nd Annual Academy of Aphasia Meeting Annual Meeting. doi:10.3389/conf.fpsyg.2014.64.00066

15. Schwartz, M.F., Middleton, E., **Nozari, N.,** Brecher, A., Gagliardi, M., & Garvey, K. (2014). Learning from your mistakes: The functional value of spontaneous error monitoring in aphasia. *Frontiers in Psychology.* Conference Abstract: 52nd Annual Academy of Aphasia Meeting Annual Meeting. doi:10.3389/conf.fpsyg.2014.64.00070
16. **Nozari, N.,** Woodard, K., & Thompson-Schill, S. (2013). Cathodal Transcranial Direct Current Stimulation: Facilitatory, inhibitory, or both? *Journal of cognitive neuroscience* , (pp. 174-174). MIT Press, Cambridge, MA.
17. **Nozari, N.,** & Schwartz, M. (2012). Fluency of Speech Depends on Executive Abilities: Evidence for Two Levels of Conflict in Speech Production. *Procedia-Social and Behavioral Sciences*, *61*, 183-184.
18. **Nozari, N.,** Dell, G., & Schwartz, M. (2012). Who Are the Lexical-routers? An Investigation into the Nature of Word Repetition in Aphasia. *Procedia - Social and Behavioral Sciences, 61,* 104-105.

Media Releases

1. Featured in the American Psychological Association's magazine: Monitor on Psychology. Print version: March 2018, Vol 49, No. 3, p. 60. Online version: http://www.apa.org/monitor/2018/03/secrets.aspx
2. C-Star (Center for the Study of Aphasia Recovery) YouTube lecture series (February, 2018): https://www.youtube.com/watch?v=hbZR8rUjd4s&t=348s
3. "How does the brain process speech errors?" (June, 2012). Published interview in Mehr Newspaper, 12:44, 1627651. [Article in Persian].

PRESENTATIONS

Invited Talks and keynotes

9/18/2026 Invited speaker, "Leveraging big data and AI in studies of language and language disorders". IU's Advance College Project program, Bloomington, IN.

8/29/2026 **Keynote speaker,** "Leveraging big data and AI in studies and treatment of aphasia". International Linguistic Society's Annual Thematic Conference on Language Disorders. Online conference.

6/11/2026 Invited speaker, "Neural domain-generality of control does not imply transfer of control between tasks.". Control Processes 2026 conference, Ghent, Belgium.

5/29/2026 Invited speaker, "Is control in word production really domain-general?". Annual Mayfest, University of Maryland College Park, College Park, MD.

4/27/2026 Invited talk, "Revisiting cognitive control in word production". Department of Speech, Language, and Hearing Sciences, Purdue University, Lafayette, IN.

4/2/2026 Invited talk, "Is cognitive control domain-general? Insights from language". Department of Psychology, University of California San Diego, San Diego, CA.

3/4/2026 Invited talk, "A comprehensive model of cognitive control in word production". Department of Neurology, Johns Hopkins University. Online talk.

8/4/2025 Invited talk, "Cognitive control as learning". Bilingualism, Mind, & Brain Talk series, UC-Irvine. Online talk.

7/26/2025 Invited talk, "Overriding abstract knowledge in favor of item-specific knowledge: How do children learn irregular plural forms?" Linguistics Society of America Workshop: Abstract and Item-Specific Knowledge Across Domains and Frameworks. Eugene, OR.

5/6/2025 Invited talk, "Transfer of Statistical learning from speech perception to production". Language Science Department Colloquium, University of California, Irvine, Irvine, CA.

10/18/2024 Invited talk, "Is cognitive control in language production really domain-general?", Colloquium in the Department of Speech, Language, and Hearing Sciences, Indiana University, Bloomington, Indiana.

4/14/2024 **Keynote speaker**, "A new look at the concept of learning: it never stops and it can sometimes hurt performance", Midwest Undergraduate Cognitive Science Conference, Bloomington, Indiana. (Selected by undergraduate students as the keynote speaker).

3/1/2024 Invited speaker, "Transfer of statistical learning from speech perception to production", Linguistic Colloquium, Indiana University.

12/24/2024 Invited speaker, "Transfer of statistical learning from speech perception to production". National Taiwan University, Taipe, Taiwan.

9/5/2024 **Keynote speaker,** "Is cognitive control in language production really domain-general?", The 30th AMLaP (Architectures and Mechanisms for Language Processing) conference, Edinburgh, UK.

9/20/2023 **Keynote speaker,** "Selection and control: Where are we at?", The 23rd Science of Aphasia Conference, Nice, France.

8/28/2023 Invited speaker, "The bright and dark sides of learning: a new look at old cognitive functions", CogSci Colloquium, Indiana University.

2/8/2023 Invited speaker, "A conflict-based model of error repairs in language production". Department of Psychological and Brain Sciences, Indiana University

4/5/2022 Career development for students in Cognitive Science, lecture series organized by the CMU CogSci Student Advisory Board.

12/5/2022 Invited speaker, "The bright and dark sides of learning: a new look at old cognitive functions", Department of Psychology, Ghent University, Belgium.

11/21/2022 Invited speaker, "Facilitation and interference: what they do (or do not) tell us about the mechanisms of language production", Max Planck Institute for Psycholinguistics, Nijmegen, NL.

10/13/2022 Invited speaker, "A conflict-based model of error repair in language production", CCN talk series, Ghent University, Belgium.

2/18/2021 Invited speaker, "Where does interference in language production come from?", Workshop on Creativity in Language and Communication. Bielefed, Germany.

11/17/2021 Invited speaker, "Facilitation and interference in language production: what do they tell us and what do they not?", Cognitive Psychology Talk Series, University of Pittsburgh, Pittsburgh, PA.

10/18/2021 Invited speaker, "Representation or selection? What do facilitation and interference in language production tell us?", CHAT (Cognitive, Health, Affective Tea) seminar, Rice University, Houston, TX (online).

4/23/2021 Invited speaker, "What can typing tell us about language production and monitoring?", Cognitive Science colloquium series, University of California Berkeley, Berkeley, CA (online).

3/1/2021 Invited speaker, "Typing: the interplay of language, motor control, and vision", Mind, Technology, & Society Talk Series, UC Merced, Merced, California.

2/18/2021 Invited speaker and panel member, "Where does interference in language production come from?", Workshop on Creativity in Language and Communication, Bielefed, Germany.

2/22/2020 **Keynote speaker** and panel member, "From semantic knowledge to articulation: How much can we chunk word production?", Motor Speech Conference, Santa Barbara, California.

11/8/2019 Invited speaker, "Typing, the interplay of language, motor control and vision", Language and Reading Group talk series, University of Pittsburgh, Pittsburgh, PA.

1/30/2019 Invited speaker, "Understanding problems of lexical selection and segmental encoding in aphasia: a computational approach", Department of Communication Sciences and Disorders, University of Delaware, Newark, DE.

1/22/2019 Invited speaker, "Consequences of similarity in meaning and form: what do they tell us about the architecture and functioning of language production?", Department of Speech, Language & Hearing Sciences, Boston University, Boston, MA.

12/17/2018 Invited speaker, "Monitoring and control in language production: a domain-general perspective on language processing", Psychology Department, Carnegie Mellon University, Pittsburgh, PA.

11/22/2018 Invited speaker, "The link between working memory and attention: Insights from language", Psychology Department, University of South Carolina, Columbia, SC.

4/17/2018 Invited speaker, "Inhibitory control in language production: from single word production to discourse", Cognitive Science Colloquium series, Northwestern University, Evanston, IL.

2/22/2018 Invited speaker, "The origins of nonfluency in apahsia", Satellite lecture for the Center for the Study of Aphasia Recovery (C-STAR), main center located at the University of South Carolina.

7/4/2018 **Keynote speaker,** "Monitoring and control in language production", 10th International Workshop on Language Production (IWLP), The Max Planck Institute of Psycholinguistics, Nijmegen, Netherlands.

9/12/2017 Invited speaker, "Inhibitory control in Language Production: From single word production to discourse", The Donders Institute for Brain, Cognition and Behavior, Nijmegen, Netherlands.

9/6/2017 Invited speaker, “Production-based monitoring”, “Self-monitoring in speech production” symposium organized by Robert Hartsuiker, and Andreas Lind, 20th Conference of the European Society for Cognitive Psychology (ESCoP), Potsdam, Germany.

5/1/2017 **Keynote speaker**, “How do we monitor and regulate our speech?”, 7th biennial International Conference of Cognitive Science in Tehran, Iran (declined due to uncertainty regarding the travel ban imposed on 6 countries including Iran).

12/4/2017 Invited speaker, “Monitoring and control of language production”, Cognitive Science Colloquium, Center for Cognitive Science at the University at Buffalo, Buffalo, NY

4/18/2017 Invited speaker, “Throwing out the baby and keeping the bathwater: Freud’s major contribution to cognitive science of language”, HEAD Talk series, Department of Neurology, Johns Hopkins University, Baltimore, MD.

4/2/2016 **Keynote speaker**, “How do we talk? Understanding a system by looking at its errors”, in “Monkeys to Infants to Humans. The first Omega Psi Conference for Undergraduates in Cognitive Science”, Baltimore, MD

9/3/2016 **Keynote speaker**, “Regulation and control of the language production system”, 22nd Annual Meeting of Architectures and Mechanisms for Language Processing (AMLaP), Basque Center on Cognition, Brain and Language (BCBL), Bilbao, Spain.

10/28/2015 Invited speaker, “Cognitive control in word production”, Language colloquium, University of Maryland at College Park, College Park, MD

4/21/2014 Invited speaker, “Pathways for Auditory Word Repetition: Convergence of Computational Models and Lesion Findings”, Clinical Neuroscience Conference Series, Johns Hopkins Hospital, Baltimore, MD

10/17/2013 Invited speaker, “Speaking with attention: Does it help or does it hurt?”, Language Processing Brown Bag, Beckman Institute of Sciences, University of Illinois at Urbana-Champaign, Champaign, IL

9/30/2013 Invited speaker, “A new theory of monitoring in language production”, The Brown Bag colloquium series, Department of Psychology, University of Delaware, Newark, DE

3/29/2013 Invited speaker, “Producing and monitoring speech: a collaboration between two cognitive systems”, The ADVANCE colloquium, Department of Psychology, Lehigh University, Bethlehem, PA

5/16/2013 Invited speaker, “Prefrontal cortex and language: tDCS as a teacher and a helper”, Department of Neurology, Johns Hopkins, Baltimore, MD

2/18/2013 Invited speaker, “Producing, monitoring and correcting speech: A collaborative effort between two systems”, Department of Psychology, University of Connecticut, Storrs, CT

2/12/2013 Invited speaker, “A new theory of error detection in adults, children and aphasic patients”, colloquium, Department of Communication Sciences and Disorders, New York University, New York, NY

1/23/2013 Invited speaker, “On selective attention and taming in”, School of Education, Johns Hopkins University, Baltimore, MD

1/22/2013 Invited speaker, “Monitoring conflict: A domain-general principle of implicit metacognition”, Cognitive Science colloquium, Department of Cognitive Science, Johns Hopkins University, Baltimore, MD

12/19/2012 Invited speaker, “Are speech fluency and executive abilities linked?”, colloquium, Albert Einstein Hospital, Elkins Park, PA.

12/13/2012 Invited speaker, “What can domain-generality buy us? At least a better theory of speech monitoring”. Invited talk, December 13, 2012, Department of Brain and Cognitive Sciences, University of Rochester, Rochester, NY

12/6/2012 Invited speaker, “Producing, monitoring and correcting speech: A collaborative effort between two systems”, colloquium, Temple University, Philadelphia, PA

3/12/2009 Invited speaker, “A computational case-series approach to investigating the architecture of the lexical access system”, colloquium, Moss Rehabilitation Institute, Philadelphia, PA

Conference and colloquium Presentations *(Does not include invited talks or keynotes)*

11/2026 Hu., S., Verguts, T., & **Nozari, N.** A learning model of cognitive control in language production. 67th Poster presentation at the Annual Meeting of the Psychonomics Society, San Diego, CA.

11/2026 Zhou, L., **Nozari, N.,** & Holt, L.L. Statistical learning shifts fricative cue weights in speech perception and production. Poster presentation at the 67th Annual Meeting of the Psychonomics Society, San Diego, CA.

11/2026 Huffaker, K., Holt, L.L. & **Nozari, N.** Statistical learning across two talkers differs between speech perception and production. Poster presentation at the 67thAnnual Meeting of the Psychonomics Society, San Diego, CA.

11/2026 Huffaker, Holt, L.L., & **Nozari, N.** Using AI voice for generating nuanced speech stimuli. Poster presentation at the Auditory Perception, Cognition, and Action Meeting, San Diego, CA.

10/2026 **Nozari, N.,** Hu, S., & Stark, B. C. Using LeCoder for neural mapping. Poster presentation at the 63rd Annual Meeting of the Academy of Aphasia, Liege, Belgium.

11/2025 **Nozari, N.,** Murphy, T.K., Huffaker, K., Zhou, L., Thorburn, C., Dick, F., & Holt, L. L. (2025). Phonetic convergence as model-based reinforcement learning. Platform presentation at the Psychonomic Society's 66th Annual Meeting, Denver, CO.

11/2025 Holt L. L., Murphy, T. K., Huffaker, K., Black, J., Thorburn, C., & **Nozari, N.** (2025). Two Distinct Mechanisms Contribute to Statistical Learning in Speech Perception, but Only One Drives Transfer into Production. Platform presentation at the Psychonomic Society's 66th Annual Meeting, Denver, CO.

11/2025 Huffaker, K., Holt, L. L., **Nozari, N.** (2025). Transfer of statistical learning from speech perception to production generalizes to reading. Poster presentation at the Psychonomic Society's 66th Annual Meeting, Denver, CO.

11/2025 Zhou, L., Hudson, A., **Nozari, N.,** & Holt, L. L. (2025). The Role of Selective Attention in Statistical Learning and Transfer to Speech. Poster presentation at the Psychonomic Society's 66th Annual Meeting, Denver, CO.

11/2025 Huffaker, K., Holt, L. L., **Nozari, N.** (2025). Transfer of statistical learning from speech perception to production generalizes to reading. Poster presentation at the 24th Annual Auditory Perception, Cognition, and Action Meeting (APCAM), Denver, CO.

11/2025 Zhou, L., Thorburn, C., **Nozari, N.,** & Holt, L. L. (2025). Generalization of statistical learning of vowels in speech perception and production. Poster presentation at the 24th Annual Auditory Perception, Cognition, and Action Meeting (APCAM), Denver, CO.

11/2025 **Nozari, N.** (2025). Transfer of statistical learning from perception to action: insights from language. Platform presentation at Cognitive Lunch Colloquium, Indiana University.

10/2025 Hu, S., DuVal, D., Stark, B., & **Nozari, N.** (2025). Replicable Error Coding: a Large-scale Automated Coder for Coding Errors in Word Production Tasks. Poster presentation at the 63rd Annual Meeting of the Academy of Aphasia, San Diego, CA.

9/2025 **Nozari, N.,** Lakhani, N., & Freund, M. (2025) Neural correlates of conflict adaptation in word production. Poster presentation at the 17th Annual Meeting of the Society for the Neurobiology of Language (SNL). Washington DC.

9/2025 **Nozari, N.,** Pirnia, T., Pinet, S., & Wehbe, L. (2025) Distinct mechanisms of inhibition in language production. Poster presentation at the 17th Annual Meeting of the Society for the Neurobiology of Language (SNL). Washington DC.

9/2025 Holt, L.L., Llanos, F., Murphy, T.K., Wu, Y.C., Thorburn, C. Zhou, L.N., Dick, F.K. & **Nozari, N.** (2025). Rapid neurodynamic adjustments to cortical speech encoding influence speech production. 8th International Conference on Auditory Cortex. Maastricht, Netherlands.

3/2025 Liu, Z., Lin, C. C., & **Nozari, N.** (2025). Not Lost in the Garden Path: Large Language Models (LLMs) Navigate Their Way to Syntactic Knowledge. Poster presentation at 38th Annual Conference on Human Sentence Processing. College Park, MD.

3/2025 Gussow, A., Trueblood, J., & **Nozari, N.** (2025). Word frequency drives message choices. Poster presentation at 38th Annual Conference on Human Sentence Processing. College Park, MD.

11/2024 Liu, Z., Lin, C. C., & **Nozari, N.** (2024). Evaluating large language models (LLMs) surprisal on garden path ambiguity difficulty in English and Mandarin. Poster presentation at the Psychonomic Society's 65th Annual Meeting, New York.

11/2024 Muylle, M., Hartsuiker, R., & **Nozari, N.** (2024). On idle idols and ugly icons: Do homophones create interference in typing? Platform presentation at the Psychonomic Society's 65th Annual Meeting, New York.

11/2024 Gussow, A. E., Trueblood, J. S., & **Nozari, N.** (2024). Word Frequency Affects Message Choices. Platform presentation at the Psychonomic Society's 65th Annual Meeting, New York.

11/2024 Thorburn, C. A., **Nozari, N.,** Dick, F., & Holt, L. L. (2024). When non-speech tone contexts shift speech perception, do they also impact speech production? Poster presentation at the Psychonomic Society's 65th Annual Meeting, New York.

7/2024 Waller, M., Yurovsky, D., & **Nozari, N.** (2024). Effect of similarity and training experiences on new vocabulary learning. Poster presentation at the 45th Annual Conference of the Cognitive Science Society, Rotterdam, Netherlands.

7/2024 Muylle, M., Hartsuiker, R., & **Nozari, N.** (2024). On idle idols and ugly icons: Do homophones create interference in typing? Platform presentation at the 45th Annual Conference of the Cognitive Science Society, Rotterdam, Netherlands.

6/2024 Muylle, M., Hartsuiker, R., & **Nozari, N.** (2024). On idle idols and ugly icons: Do homophones create interference in typing? Poster presentation at the 13th International Workshop on Language Production. Marseille, France.

2/2024 **Nozari, N.** (2024). Continuous-resource models of working memory: From vision to language. Platform presentation at Cognitive Lunch, Indiana University.

11/2023 Pirnia, T., Pinet, S., Wehbe, L., & **Nozari, N.** (2023). Testing the domain-generality of conflict and control in language production by applying machine learning techniques to EEG data. Platform presentation at the 64th Annual Meeting of the Psychonomic Society. San Francisco, CA.

11/2023 Black, T., **Nozari, N.,** & Holt, L. (2023). Passive statistical learning of speech distributions is not constrained to specific phonemes. Poster presentation at the 64th Annual Meeting of the Psychonomic Society. San Francisco, CA.

11/2023 Murphy, T., Holt, L.L., & **Nozari, N.** (2023). Perceptual Statistical Learning Transfer to Speech Perception Even with Sparse Production Opportunities. Poster presentation at the 64th Annual Meeting of the Psychonomic Society. San Francisco, CA.

11/2023 Waller, M., Yurovsky, D. & **Nozari, N.** (2023). Effect of Production and Similarity on New Vocabulary Learning. Poster presentation at the 64th Annual Meeting of the Psychonomic Society. San Francisco, CA.

10/2023 Zhu, D., Wang, X., Zhao, E., **Nozari, N.,** Notebaert, W., & Braem, S. (2023) Cognitive control is task specific: Further evidence against the idea of domain-general conflict adaptation. Poster presentation at the 8th symposium on Motivational and Cognitive Control (MCC). Lyon, France.

5/2023 Murphy, T., **Nozari, N.,** & Holt, L. (2023). Statistical Regularities of Accented Speech Influence Listeners' Own Speech Productions. Poster presentation at the 184th Meeting of the Acoustical Society of America. Chicago, IL.

11/2022 Atilgan, N., Chu, L., & **Nozari, N.** (2022). Statistical Learning in Language Production: Studying Orthotactic Constraints Through Typing. Oral presentation at the 63rd Annual Meeting of the Psychonomic Society. Boston, MA.

11/2022 Black, J., **Nozari, N.,** Murphy, T., Holt, L. (2022). Distributional Speech Regularities Maintained Across Long Delays Influence Perceptual Weighting of Speech Input. Poster presentation at the 63rd Annual Meeting of the Psychonomic Society. Boston, MA.

7/2022 **N. Nozari,** & A. Omaki. (2022). Revisiting Agreement: Do Children and Adults Compute Subject-verb Agreement Differently? Oral presentation at the 44th Annual Conference of the Cognitive Science Society. Toronto, Canada.

7/2022 Atilgan, N., Chu, L., & **Nozari, N.** (2022). Statistical learning of orthotactic constraints: new insights from typing. Oral presentation at the 44th Annual Conference of the Cognitive Science Society. Toronto, Canada.

7/2022 Lakhani, N., & **Nozari, N.** (2022). Do speakers and listeners remember the speech errors or the repairs in communications? Poster presentation at the 44th Annual Conference of the Cognitive Science Society. Toronto, Canada.

7/2022 Waller, M., **Nozari, N.,** & Yurovsky, D. (2022). Of mouses and mans: the role of production and feedback in language learning. Oral presentation at the 44th Annual Conference of the Cognitive Science Society. Toronto, Canada.

7/2022 Burgess, J., & **Nozari, N.** (2022). A conflict-based model of speech error repairs in humans. Poster presentation at the 44th Annual Conference of the Cognitive Science Society. Toronto, Canada.

6/2022 Atilgan, N., Chu, L. & **Nozari, N**. (2022). Learning of simple and complex orthotactic constraints in typing. Poster presentation at the 12th International Workshop on Language Production. Pittsburgh, PA.

6/2022 Black, J., & **Nozari, N**. (2022). The role of sub-phonemic units in segmental speech errors. Poster presentation at the 12th International Workshop on Language Production. Pittsburgh, PA.

6/2022 Pinet, S. & **Nozari, N**. (2022). Not all language control is the same: insights from typing. Poster presentation at the 12th International Workshop on Language Production. Pittsburgh, PA.

6/2022 Lakhani, N., & **Nozari, N**. (2022). Do speakers and listeners remember the speech errors or the repairs in communication? Poster presentation at the 12th International Workshop on Language Production. Pittsburgh, PA.

6/2022 Oppenheim, G. M., & **Nozari, N.** (2022). Behavioral interference/facilitation does not equal competitive/noncompetitive lexical selection mechanisms. Poster presentation at the 12th International Workshop on Language Production. Pittsburgh, PA.

6/2022 Waller, M., **Nozari, N**., & Yurovsky, D. (2022). Of mouses & mans: the role of production and feedback on learning. Poster presentation at the 12th International Workshop on Language Production. Pittsburgh, PA.

6/2022 Murphy, T., **Nozari, N**., & Holt, L. (2022). Statistical Learning Transfers from Speech Perception to Production. Poster presentation at the 12th International Workshop on Language Production. Pittsburgh, PA.

6/2022 Ng, F., Arslan, B., Goksun, T., & **Nozari, N. (2022).** Trust my gesture or my word? How do listeners choose the information channel during communication? Poster presentation at the 12th International Workshop on Language Production. Pittsburgh, PA.

11/2021 Oppenheim, G., & **Nozari, N.** Representation, Not Selection, Drives Facilitation and Interference in Word Production. Oral presentation at the 62nd Annual Meeting of the Psychonomic Society. Virtual meeting.

11/2021 **Nozari, N.,** Pinet, S., Haney, M., Kanagala, A. Towards a new account of error repair in language production via typing. Oral presentation at the 62nd Annual Meeting of the Psychonomic Society. Virtual meeting.

11/2021 Waller, M., **Nozari, N.,** & Yurovsky, D. Do children learn from reformulations in non-pedagogical contexts? Oral presentation at the 46th Annual Boston University Conference on Language Development (BUCLD). Virtual meeting.

7/2021 Oppenheim, G., & **Nozari, N**. Behavioral interference or facilitation does not distinguish between competitive and noncompetitive accounts of lexical selection in word production. Oral presentation at the 43rd Annual Conference of the Cognitive Science Society. Virtual meeting.

10/2020 Hepner, C., & **Nozari, N.** A model of noun pluralization: Evidence from four types of pluralization deficit in aphasia. Oral presentation at the 58th Annual Meeting of the Academy of Aphasia. Virtual meeting.

10/2020 Pinet, S., & **Nozari, N.** Timeline of monitoring during semantic and phonological interference in word production. Poster presentation at the Twelfth Annual Meeting of the Society for the Neurobiology of Language. Virtual meeting.

6/2020 Harrison, W., Hepner, C., & **Nozari, N.** (2020). Is Segmental Interference Position-dependent? Oral presentation at the 42nd Annual Conference of the Cognitive Science Society. Virtual meeting.

6/2020 McDonagh, D., Fisher, A. & **Nozari, N.** (2020). Do Taxonomic and Associative Relations Affect Word Production in the Same Way? Oral presentation at the 42nd Annual Conference of the Cognitive Science Society. Virtual meeting.

6/2020 Pinet, S., & **Nozari, N.** (2020). Using Signal Detection Theory to Investigate the Role of Visual Information in Performance Monitoring in Typing. Oral presentation at the 42nd Annual Conference of the Cognitive Science Society. Virtual meeting.

9/2019 Pinet, S., & **Nozari, N.** Electrophysiological signatures of semantic and phonological interference in word production. Poster presentation at the European Society of Cognitive Psychology (ESCoP). Tenerife, Spain.

6/2019 Pinet, S. & **Nozari, N.** The role of visual feedback in detecting and correcting typing errors: a behavioral and electrophysiological investigation. Poster presentation at the Writing Word(s) Workshop. Marseille, France.

3/2019 Brown-Schmidt, S., Klooster, N., Cho, S., **Nozari, N**., & Duff, M. On the necessity of hippocampus in lexical-semantic mapping in language processing. Poster presentation at the 32nd CUNY Conference on Human Sentence Processing. Boulder, CO.

11/2018 **Nozari, N.,** & Omaki, A. Syntactic production is not independent of inhibitory control: evidence from agreement attraction errors in a referential communication task. Oral presentation at the 59th Psychonomic Society Annual Meeting. New Orleans, LA.

11/2018 Hepner, C. & **Nozari, N.** A resource model of phonological working memory. Poster presentation at the 59th Psychonomic Society Annual Meeting. New Orleans, LA.

11/2018 Pinet, S. & **Nozari, N.** Can you fix what you can't see? The role of visual feedback in detecting and correcting typing errors. Poster presentation at the 59th Psychonomic Society Annual Meeting. New Orleans, LA.

10/2018 Hepner, C. & **Nozari, N.** The dual origin of lexical perseverations in aphasia: Residual activation and incremental learning. Oral presentation at the 56th Annual Meeting of the Academy of Aphasia. Montreal, Canada.

10/2018 Pinet, S. & **Nozari, N.** The footprint of semantic and phonological interference in picture naming in aphasia: Preliminary evidence from ERP. Poster presentation at the 56th Annual Meeting of the Academy of Aphasia. Montreal, Canada.

8/2018 Pinet, S., **Nozari, N.,** Knight, R., & Ries, S. Overcoming the challenges of electrophysiology recordings during multi-word speech production. Poster presentation at the 10th Annual Meeting of the Society for the Neurobiology of Language. Québec city, Canada.

7/2018 **Nozari, N.** & Omaki, A. Syntactic production is not independent of inhibitory control: Evidence from agreement attraction errors. Oral presentation at the 40th Annual Meeting of the Cognitive Science Society, Madison, WI

7/2018 Hepner, C., Pinet, S., & **Nozari, N.** An enhanced model of gemination in spelling: Evidence from a large corpus of typing errors. Oral presentation at the 40th Annual Meeting of the Cognitive Science Society, Madison, WI

7/2018 Hepner, C. & **Nozari, N.** A resource model of phonological working memory. Oral presentation at the 40th Annual Meeting of the Cognitive Science Society, Madison, WI

11/2017 Freund, M., Rapp, B., & **Nozari, N.** Does semantic relatedness help or hurt re-learning of object names in aphasia? Poster presentation at the 55th Annual Meeting of the Academy of Aphasia. Baltimore, MD

11/2017 **Nozari, N.** The dual origin of semantic errors in access deficits: activation deficit vs. inhibition deficit. Oral presentation at the 55th Annual Meeting of the Academy of Aphasia. Baltimore, MD

11/2017 Hepner, C. & **Nozari, N.** A resource model of phonological working memory in language production and perception. Poster presentation at the 55th Annual Meeting of the Academy of Aphasia, Baltimore, MD

11/2017 Pinet, S. & **Nozari, N.** Electrophysiological correlates of internal performance monitoring in typed language production. Poster presentation at the 9th Annual Meeting of the Society for the Neurobiology of Language. Baltimore, MD

9/2017 Hepner, C. & **Nozari, N.** A resource model of phonological working memory. Poster presentation at the 20th Conference of the European Society for Cognitive Psychology (ESCoP), Potsdam, Germany

9/2017 Hanley, R. & **Nozari, N.** Is working memory involved in monitoring self and other people's speech? Oral presentation at the 20th Conference of the European Society for Cognitive Psychology (ESCoP), Potsdam, Germany

9/2017 **Nozari, N.** Production-based monitoring and control. Oral presentation at the Monitoring symposium in the 20th Conference of the European Society for Cognitive Psychology (ESCoP), Potsdam, Germany

7/2017 Trude, A. & **Nozari, N.** Inhibitory control supports referential context use in language production and comprehension. Oral presentation at the 39th Annual Meeting of the Cognitive Science Society, London, UK

3/2017 **Nozari, N,** Omaki, A., Sahl, J., & Ovans, Z. Attentional resource allocation in children's subject-verb agreement production. Poster presentation at the 30th Annual CUNY conference. Cambridge, MA

11/2016 Freund, M. & **Nozari, N.** Online regulation of language production. Oral presentation at the 57th Annual Meeting of the Psychonomic Society. Boston, MA

10/2016 **Nozari, N.** & Faroqi-Shah, Y. How should we approach the study of fluency? A corpus analysis. Oral presentation at the 54th Annual Meeting of the Academy of Aphasia, Llandudno, Wales

10/2016 Akhavan, N., Goksun, T. & **Nozari, N.** Integrity and function of gestures in aphasia. Poster presentation at the 54th Annual Meeting of the Academy of Aphasia, Llandudno, Wales

10/2016 Trude, A. & **Nozari, N.** Cognitive costs of perspective-taking in an individual with nonfluent aphasia. Poster presentation at the 54th Annual Meeting of the Academy of Aphasia, Llandudno, Wales

9/2016 **Nozari, N.,** Martin, C. & McCloskey, N. An adjustable-resource model of cognitive control in sentence production: insights from English and Spanish. Poster presentation at the 22nd Annual Meeting of the Architectures and Mechanisms for Language Processing (AMLaP), Bilbao, Spain

8/2016 Akhavan, N., Goksun, T. & **Nozari, N.** Disfluency production in speech and gesture. Poster presentation at the 39th Annual Meeting of the Cognitive Science Society, Philadelphia, PA

8/2016 Freund, M., Gordon, B. & **Nozari, N.** Conflict-based regulation of control in language production. Oral presentation at the 39th Annual Meeting of the Cognitive Science Society, Philadelphia, PA

7/2016 **Nozari, N,** Martin, C., McCloskey, N. & Gordon, B. An adjustable-resource model of cognitive control in sentence production. Poster presentation at the 9th International Workshop on Language Production (IWLP), La Jolla, CA

7/2016 Trude, A., Gordon, B. & **Nozari, N.** Recruitment of cognitive resources during perspective-taking varies with contextual demands. Poster presentation at the 9th International Workshop on Language Production (IWLP), La Jolla, CA

7/2016 Freund, M. & **Nozari, N.** Conflict-based regulation of control in language production. Poster presentation at the 9th International Workshop on Language Production (IWLP), La Jolla, CA

6/2016 Freund, M., Gordon, B., & **Nozari, N.** Regulation of language production by conflict-driven, domain-specific control. Poster presentation at the 28th Annual Meeting of the American Psychological Society (APS), Chicago, IL

11/2015 **Nozari, N.,** Freund, M., Breining, B., Rapp, B., & Gordon, B. Two types of cognitive control in word production. Poster presentation at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL

7/2015 Akhavan, N., **Nozari, N., &** Goksun, T. Motion event expressions in language and gesture: Evidence from Persian. Poster presentation at the 37th Annual Conference of the Cognitive Science Society, Pasadena, CA

7/2015 **Nozari, N.,** Dell, G.S., Schneck, K., & Gordon, B. Implementation of selective attention in sequential word production. (2015, July). Oral presentation at the 37th Annual Conference of the Cognitive Science Society, Pasadena, CA

11/2014 Arnold, J.E., **Nozari, N.,** & Thompson-Schill, S.L. Stimulation of the prefrontal cortex increases discourse connectedness and reduced references. Poster presentation at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA

11/2014 **Nozari, N.,** Trueswell, J.C., & Thompson-Schill, S.L. Local attraction in sentence comprehension is reined in by global constraints and executive abilities, Poster presentation at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA

10/2014 **Nozari, N.** Using Transcranial tDCS to test cognitive hypotheses. In **N. Nozari** (Chair), Using Transcranial Direct Current Stimulation (tDCS) to study and treat aphasia. Symposium presented at the 52nd Annual Meeting of the Academy of Aphasia, Miami, FL

10/2014 **Nozari, N.,** Mirman, D., & Thompson-Schill, S.L. The role of the left ventrolateral prefrontal cortex in online sentence processing. Oral presentation at the 52nd Annual Meeting of the Academy of Aphasia, Miami, FL

10/2014 Middleton, E.L., Schwartz, M.F., Graziano, K., Brown, D., & **Nozari, N.** Learning from your mistakes: The functional value of spontaneous error monitoring in aphasia. Poster presentation at the 52nd Annual Meeting of the Academy of Aphasia, Miami, FL

10/2014 Schwartz, M.F., Middleton, E.L., **Nozari, N.,** Brecher, A., Gagliardi, M., Garvey, K. A Paradigm for Investigating Executive Control Mechanisms in Word Retrieval in Language-Impaired and Neurotypical Speakers. Poster presentation at the 52nd Annual Meeting of the Academy of Aphasia, Miami, FL

8/2014 Arnold, J.E., **Nozari, N.,** & Thompson-Schill, S.L. Stimulation of Left Prefrontal Cortex Increases Discourse Connectedness and Reduced References. Oral presentation at RefNet workshop on psychological and computational models of reference comprehension and production, Edinburgh, UK

4/2013 **Nozari, N.** Woodard, K., Thompson-Schill, S.L. Cathodal tDCS: excitatory, inhibitory, or both? Poster presentation at the 20th Annual Meeting of the Cognitive Neuroscience Society (CNS), San Francisco, CA

11/2012 **Nozari, N.** & Thompson-Schill, S.L. What can you expect from boosting prefrontal cortex? Poster presentation at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN

10/2012 **Nozari, N.** & Dell, G.S. Who are the lexical-routers? An investigation into the nature of word repetition in aphasia. Poster presentation at the 50th Annual Meeting of the Academy of Aphasia, San Francisco, CA

10/2012 **Nozari, N.**, Schwartz, M.F. & Coslett, H.B. Fluency of speech depends on executive abilities: evidence for two levels of conflict in speech production. Poster presentation at the 50th Annual Meeting of the Academy of Aphasia, San Francisco, CA

7/2012 **Nozari, N.** & Schwartz, M.F. Does fluency of speech depend on executive abilities? Poster presentation at the 7th International Workshop on Language Production, New York, NY

3/2012 **Nozari, N.,** Arnold, J.E., & Thompson-Schill, S.L. What does the left prefrontal cortex do for sentence production? Evidence from tDCS. Poster presentation at the 26th Annual CUNY Conference, Columbia, SC

7/2011 **Nozari, N.** & Dell, G.S. Selective attention and speech errors: feature migration in time." Oral presentation at the 33rd Annual Meeting of the Cognitive Science Society, Boston, MA

12/2010 **Nozari, N.** A new model of monitoring in speech production. Oral presentation at the Outstanding Graduate Student Seminar, Beckman Institute of Sciences, Urbana, IL

10/2010 **Nozari, N.** & Dell, G.S. Does error detection require comprehension? Oral presentation at the Cognitive Brown Bag Series, University of Illinois, Urbana, IL

10/2009 **Nozari, N.,** Kittredge, A.K., & Dell, G.S. A computational case-series approach to frequency effect in aphasic word repetition. Oral presentation at 47th Annual Meeting of the Academy of Aphasia, Boston, MA

9/2009 **Nozari, N.,** Kittredge, A.K., & Dell, G.S. Parallel case-series analysis of aphasic word production. Poster presentation at the Beckman Institute Seminar. Beckman Institute of Sciences, Urbana, IL

3/2009 **Nozari, N.,** Kittredge, A.K., & Dell, G.S. A computational case-series approach to frequency effect in aphasic word repetition. Poster presentation at the 16th Annual Meeting of the Cognitive Neuroscience Society (CNS), San Francisco, CA

11/2008 **Nozari, N.** 30 years of lexical bias war: time to call a truce. Oral presentation at the Language Processing Brown Bag Series, Beckman Institute of Sciences, Urbana, IL

11/2007 **Nozari, N.,** & Dell, G.S. Lexical bias in speech production: how efficient can a lexical editor be? Poster presentation at the 48th Annual Meeting of the Psychonomic Society, Long Beach, CA

8/2007 **Nozari, N.** & Dell, G.S. Monitoring or feedback? Evidence from the lexical bias effect. Oral presentation at the Cognitive Brown Bag Series, University of Illinois, Urbana, IL

4/2005 **Nozari, N.** & Daryaee, P. Effects of a major social stressor (war) on the patterns of tumor extension in breast cancer patients. Poster presentation at the 29th Annual Symposium of the American Society of Breast Disease, Las Vegas, NV

FUNDING

6/13/2025-6/12/2026 Semantic interference in second language vocabulary acquisition: an online training study.
Indiana University, Research Micro Grant
Role: Co-PI
$2,712

9/1/2023 – 8/31/2026	An adaptive model of lexical repairs in language production Identification Number: BCS- 206378 National Science Foundation Role: PI $686,537
10/1/2022- 9/30/2025	Processes underlying mono- and bilingual written word production: A computational approach based on typewriting errors Ghent University - Special Research Fund: Junior Postdoctoral Fellowship PI: Robert Hartsuiker Role: Co-PI/Faculty mentor $12,000
09/22/2022- 09/21/2025	Transfer of statistical learning from perception to production Identification Number: BCS- 2217415 National Science Foundation Role: PI $553,739
09/15/2022- 08/31/2024	Women in Cognitive Science: Networking, Visibility, and Career Pathways Identification Number: BCS-2138047 National Science Foundation PI: Kate Arrington Role: Co-PI $49,937
06/01/2020-05/31/2023	The role of semantic similarity in vocabulary learning Identification number: 202000221 Spencer Foundation $50,000 Role: PI
01/01/2020-01/07/2021	Investigating the neural basis of monitoring and inhibitory control in language production Developmental Fund Seed Grant, BRIDGE center, University of Pittsburgh-Carnegie Mellon University $24,960 Role: PI
01/01/2019-01/01/2021	Cross-Linguistic Investigations of Syntactic Creativity Errors in Children's Wh-questions Identification number: BCS-1853297 National Science Foundation (NSF): Doctoral Dissertation Research Improvement Grant $14,452 PI: Geraldin Legendre Role: Co-PI/Faculty mentor
09/15/2016–09/14/2020	Executive control in sentence production Identification Number: 001910777 National Science Foundation (NSF) $577,408 Role: PI
07/01/2016–06/30/2018	Investigation of the effect of contextual semantic similarity on word learning The Science of Learning Initiative, Johns Hopkins University $146,793 Role: PI
03/01/2016–02/28/2019 (PI left on 06/30/2017 for A job)	Contributions of executive control abilities to perspective-taking in aphasia 1F32DC015390-01 NIH/NIDCD $174,090

PI: Alison Trude (postdoc)
Role: Co-PI/Faculty mentor

07/01/2014–06/30/2016 Deep Multi-view Learning for Acoustic-to-Articulatory-Inversion
The Science of Learning Initiative, Johns Hopkins University
$110,000
PI: Raman Arora
Role: Co-PI

09/01/2011–08/30/2013 Task Switching: a window to executive deficits in aphasia
State of PA Health Research Formula Grant
$52,000
PI: Myrna Schwartz
Role: Co-PI

EDUCATIONAL ACTIVITIES

Teaching

Spring 2026 Instructor, Cognitive Science Colloquium (Graduate level seminar, COGS-Q733, Cognitive Science Program, Indiana University.

Spring 2026 Instructor, Metacognition (upper-level undergraduate/graduate seminar, PSY-P 457-657), Department of Psychological and Brain Sciences/Cognitive Science Program, Indiana University

Spring 2026 Instructor, Neural basis of language (Graduate course, PSY-P 457-657; COGS-Q590; Department of Psychological and Brain Sciences and Cognitive Science Program, Indiana University).

Fall 2025 Instructor, Cognitive Science Colloquium (Graduate level seminar, COGS-Q733, Cognitive Science Program, Indiana University.

Spring 2025 Instructor, Metacognition (upper-level undergraduate/graduate seminar, PSY-P 457-657), Department of Psychological and Brain Sciences/Cognitive Science Program, Indiana University

Spring 2025 Instructor, Cognitive Psychology (large undergraduate survey course, PSY-P 335), Department of Psychological and Brain Sciences, Indiana University.

Fall 2024 Instructor, Cognitive Science Colloquium (Graduate level seminar, COGS-Q733, Cognitive Science Program, Indiana University.

Spring 2024 Guest lecture (March 26), Q400, Cognitive Science Program, Indiana University. Instructor: Fritz Breithaupt.

Spring 2024 Instructor, Supervised Research I (PSY-X 3097), Department of Psychological and Brain Sciences, Indiana University

Spring 2024 Instructor, Metacognition (upper-level undergraduate/graduate seminar, PSY-P 457-657), Department of Psychological and Brain Sciences/Cognitive Science Program, Indiana University

Fall 2023 Instructor (new course), Cognitive Science of Language Processing (Graduate-level seminar; PSY-P 657/COGS-Q 590), Department of Psychological and Brain Sciences/Cognitive Science Program, Indiana University

Spring 2023 Instructor, Cognitive Psychology, 85-211 (General Education course), Department of Psychology, Carnegie Mellon University

Spring 2023 Instructor (new course), Metacognition, 85-427/85-727 (upper-level seminar), Department of Psychology, Carnegie Mellon University

Spring 2022 Instructor, Cognitive Psychology, 85-211 (General Education course), Department of Psychology, Carnegie Mellon University

Spring 2022 Guest lecturer (April 7), PhD Seminar on computational models of speech and language production, University of Pittsburgh. Instructor: Jason Bohland.

Spring 2021 Instructor, Cognitive Psychology, 85-211 (General Education course), Department of Psychology, Carnegie Mellon University

Fall 2020 Instructor, Cognitive Psychology, 85-211 (General Education course), Department of Psychology, Carnegie Mellon University

Spring 2020 Instructor, Cognitive Psychology, 85-211 (General Education course), Department of Psychology, Carnegie Mellon University

Spring 2020 Guest lecturer (March 26), Neurobiology of Language, Department of Speech and Hearing Sciences, University of Pittsburgh.

Fall 2017 Instructor and supervisor of Co-Instructor Svetlana Pinet, An introduction to EEG recording and brain stimulation* (undergraduate level) Department of Cognitive Science, Krieger School of Arts & Sciences, Johns Hopkins University, Baltimore, MD
** New course developed specifically for the orientation of undergraduate students to methods of brain stimulation and recording. Course selected by the Dean's office in the competitive proposal review process for SOUL (Special Opportunities for Undergraduate Learning) courses at Johns Hopkins University.*

Spring 2016 Instructor, Cognitive and Neural Basis of Executive Control* (upper-level undergraduate/graduate), Department of Cognitive Science, Krieger School of Arts & Sciences, Johns Hopkins University, Baltimore, MD
** New course developed and taught for the first time at Johns Hopkins University*

Spring 2010 Instructor (lab section), Experimental Design in Cognitive Psychology (upper-level undergraduate), Department of *Psychology*, University of Illinois at Urbana-Champaign

Fall 2009 Invited guest lecturer, Psycholinguistics (mid-level undergraduate), Department of Psychology, University of Illinois at Urbana-Champaign

Workshops /seminars

11/2020 Organizer and speaker, "Verbal Working Memory: Domain General or Domain Specific?", 61st Annual Meeting of the Psychonomics Society.

11/2014 Organizer and speaker, "Using Transcranial Direct Current Stimulation (tDCS) to study and treat aphasia: Why's, How's, Do's and Don'ts", 52nd Annual Meeting of the Academy of Aphasia, Miami, FL.

Mentoring

Pre-doctoral Advisees /Mentees

**Note that the medical school at Johns Hopkins did not have a PhD program in cognitive psychology or cognitive neuroscience, hence the few graduate students compared to post-BA/BS/MA/MS research assistants.*

Full time trainees, interns, or students with independent research projects

2024- **Kyle Hufaker** (BS, University of Illinois at Urbana-Champaign), PhD student (Psychological and Brain Sciences)

2024- **Shanhua Hu** (MS, Columbia University), PhD student (Psychological and Brain Sciences and Cognitive Science).

2024-2024 **Congyi Peng**, Visiting scholar, MA candidate in European Master's in Clinical Linguistics (EMCL).

2023-2024 **Ao Sun,** M.A. (Linguistics and Applied Linguistics, Beijing Normal University). Visiting scholar, PhD Candidate in Chinese Linguistics at Peking University.

2022- 2024 **Timothy Murphy,** B.S. (Psychology, University of Pittsburgh). PhD. student (cognitive neuroscience track). Primary advisor: Lori Holt.

2022- 2024 **Tara Pirnia,** B.S. (Neuroscience, UCLA). PhD student (PNC & Machine Leaning). Joint advisor with Leila Wehbe.

2022- 2023 **Andrea Tovar,** B.A. (Psychology, University of Texas at El Paso). Ph.D. student (psychology at UPitt). Primary advisor: Natasha Tokowicz.

2021-2023 **Jenah Black,** B.A. (Psychology and Linguistics at the University of Iowa; M.S. in Psychology at Villanova University in 2021), Ph.D. student (cognitive neuroscience track).

2021-2022 **Jack Burgess,** B.A. (Computer Science and Neuroscience, Dartmouth College), Ph.D. student (program in neural computations).

2021- 2022 **Nikhil Lakhani,** B.A. in Cognitive Science and Linguistics (University of Pennsylvania). Lab manager and full-time RA.

2020- **Megan Waller,** B.A. (Psychology and French, Cornell University). Ph.D. student (co-advised. Primary advisor: Dan Yurovsky). Received the Paula Menyuk Award for the 46th Annual Boston University Conference on Language Development (BUCLD).

2020- 2021 **Tania Daliwal,** B.S. (Stanford University). Full-time RA, working on projects related to the development of semantic knowledge and language.

2019- 2020 **William Harrison,** B.A. (Cognitive Science, Johns Hopkins University), MS (Communicative Disorders and Sciences, SUNY-Buffalo). Full-time RA, working on projects investigating the cognitive and neural basis of language and executive control disorders in individuals with stroke and brain tumor.

2019- 2020 **Delaney McDonagh,** B.S. (Neuroscience, Rhodes College). Full-time RA, working on projects related to the development of semantic knowledge and language.

2018- 2018 **Juliana Hoover,** B.A. candidate (Linguistics and Neuroscience, Duke University). Juliana has completed a full-time summer internship in my lab. During this time, she has learned the basics of experimental design and neuropsychological testing in individuals with aphasia. With supervision from me and my RA Chris Hepner, she has designed a study to investigate the origin of multi-word production deficit in aphasia, has collected data from seven individuals with aphasia, transcribed and coded the data, and has learned how to graph and present her results. In addition, she has been familiarized with the basics of EEG testing, and has been helping my postdoc Svetlana in an EEG project investigating the origins of semantic and phonological interference in individuals with aphasia. Going forward, she will be included in the presentation and write-up of the data she has been directly involved in collecting and/or coding.

2018-2019 **Adna Jaganjac,** B.A. (Psychology and English, Emory University). Adna has joined the lab in August 2018 as the new lab manager, and is interested in studying the link between monitoring, metacognition and language learning.

2016-2018 **Jessa Sahl,** B.A. (Music and pre-med, University of Connecticut). Jessa was a full-time Research Assistant in my lab and has worked on several projects regarding language learning in children and individuals with post-stroke aphasia. She has a poster with me, and has also finished two projects on second language learning in children in Baltimore schools, and studying the role of inhibitory control in the production of agreement errors, the data for which are currently being analyzed. Jessa has been accepted into medical school at the University of Connecticut, and has started in August 2018.

2016-2020 **Christopher Hepner**, M.A. (Cognitive Science, Johns Hopkins University). Chris is a full-time Research Assistant in my lab, working on models of phonological working memory in speech perception and production. His second line of research focuses on exploring the cognitive architecture of spoken and written production. He is a co-author on a published paper, and two 6-page CogSci abstracts. He has had three oral presentations in major conferences based on his work with me, and is currently writing up two additional journal articles based on his work in the lab.

2015-17 **Nicholas McCloskey,** B.A. candidate (Psychology, Temple University). Nick was a full-time research intern and a part-time RA in my lab working on bilingualism. He is a co-author on two posters with me. He is currently a Research Assistant in the Linguistics programs at the University of South Carolina.

2015-16 **Kathleen Kelly,** B.A. (Psychology & Neuroscience, Rice University; post-BA pre-med student at Johns Hopkins University). Kathleen completed two semesters of Medical Tutorial credit in my lab, and learned collection of eye-tracking data. She was accepted to Georgetown Medical School in 2016.

2014-17 **Michael Freund,** B.A. (Psychology, University of Wisconsin). As my lab manager, Mike has been involved in several projects, and has co-authored Nozari, Freund, Breining, Rapp & Gordon (2016). He also has two first-author papers and three conference presentations with me. In fall 2017, he started his PhD training in cognitive neuroscience at Washington University in St. Louis in Todd Braver's lab.

2014-16 **Niloofar Akhavan,** M.A. (Psychology, Koc University, Istanbul, Turkey). I have co-mentored Niloofar on several projects, including collection of data from individuals with aphasia in Iran. I have been a co-author on four papers on which Niloofar has been the first author. Niloofar started

her training as a PhD student in Speech and Hearing Sciences at UCSD in Spring 2017. She was awarded the ASHA's Graduate Student Scholarship in Fall 2017.

2014-15 **Kyle Schneck,** M.A. (Linguistics and cognitive science; University of Delaware). Kyle worked with me part-time for a year. He learned speech error coding, and is a co-author in Nozari, Dell, Schenck, & Gordon (2015). In 2016, Kyle accepted a position as the science writer for NASA.

2014-15 **Bonnie Breining,** Ph.D. candidate (Cognitive Science, Johns Hopkins University). I co-mentored Bonnie Breining on three projects all three of which are published in high profile journals. I was also on her dissertation committee. After graduation in Fall 2016, Bonnie accepted a postdoctoral fellowship at Dr. Hillis's lab at the Neurology Department at Johns Hopkins.

2014 **Sweta Joshi,** B.A. candidate (Psychology, McGill University), summer 2014. Completed a summer internship with me and learned audio and video coding of speech and gestures. She helped with coding the data for Nozari, Goksun, Thompson-Schill & Chatterjee (2015), and appears in the acknowledgment section of that paper.

2012-13 **Kristina Woodard**, B.A. candidate (Psychology, University of Pennsylvania). Worked with me for a year when I was a mentor in the Penn Undergraduate Research Mentorship (PURM) program. Wrote her Honors thesis with me, presented a poster with me at the 20th Annual Meeting of the Cognitive Neuroscience Society (CNS) in 2013, co-authored the article Nozari, Woodard, & Thompson-Schill (2014), and received the Morris Viteles Award for Excellence in Undergraduate Research in Psychology for her work with me. She was later accepted in to the clinical psychology PhD program at the University of Wisconsin.

Part-time trainees (students working part-time in the lab for 1-3 semesters for research credit for Neuroscience,Cognitive Science programs or for Medical Tutorial):

2026 Grace Zhu (Junior, Human Biology BS and East Asian Language and Culture BA
Linnea Anderson (Junior, Neuroscience and Spanish, IU)
Nicholas Thornburg (Junior, Biochemistry and Spanish)
Lauren Choi (Junior, Psychology)
Sierra Leake (Senior, Clinical Psychological Science): Honors Thesis student
Anna Friedman (Senior, Psychology)
Delaney DuVal (Senior, Premed, Speech, Language, and Hearing Sciences)
Nassima Hamadou (Sophomore, Psychology and Neuroscience)
Isabella Nellis (Freshman, Spanish and Neuroscience)

2025 Hamdaan Bhat (Junior, Neuroscience)
Grace Zhu (Junior, Human Biology BS and East Asian Language and Culture BA
Linnea Anderson (Junior, Neuroscience and Spanish, IU)
Nicholas Thornburg (Junior, Biochemistry and Spanish)
Mayra Kotlik (Senior, Psychology, premed)
Lauren Choi (Junior, Psychology)
Sierra Leake (Senior, Clinical Psychological Science): Honors Thesis student
Anna Friedman (Senior, Psychology)
Delaney DuVal (Senior, Premed, Speech, Language, and Hearing Sciences)

2024 Jiang (Lily) He (sophomore, Psychology, Economics, and Mathematics, IU)
Delaney DuVal (Junior, Premed, Speech, Language, and Hearing Sciences)
Linnea Anderson (sophomore, Neuroscience and Spanish, IU)
Megan Snyder (junior, Psychology, IU)
Keira Davis (sophomore, Psychology, premed, IU)
Sydney Brievogel (senior, Speech and Hearing Sciences)
Hamdaan Bhat (Sophomore, Neuroscience)
Sisney Cheung (Sophomore, Neuroscience and Economics)
Joanne Hwang (senior, Neuroscience and psychology IU)

2023 Elizabeth Chu (sophomore, Statistics and Machine Learning, CMU)

	Eleanor Ickes (sophomore, Neuroscience, CMU)
2022	Harry Ren (sophomore, Statistics and Machine Learning, CMU)
	Lay Len Ching (freshman, major not yet declared, CMU)
	Liz Chu (freshman, Statistics and Machine Learning, CMU)
2021	Santiago Brusseau (junior, Statistics and Machine Learning, CMU)
	Lily Madojemu (Sophomore, Applied Multilingual Studies, CMU)
	Francis Ng (junior, Cognitive Science, Statistics and Machine Learning, CMU)
	Adhvik Kanagala (freshman, Neuroscience, CMU)
2020	Eri Phinesee (junior, Cognitive science, CMU) – SURA student
	Qianou Ma (junior, cognitive science and computer science, CMU)- SURF student
	Marion Haney (junior, Statistics and machine learning, CMU)
	Jessa Westmeier (senior, Neurobiology & Arts, CMU)
2018	Clair Narang (sophomore, Neuroscience, JHU)
2016-17	Karis D'Alessandro (sophomore/junior, Neuroscience, JHU)
	Hannah Miller (sophomore, Cognitive Science & Spanish, JHU)
	Linyuan Shi (sophomore, Neuroscience, JHU)
	Siri Tummala (freshman, Economics, JHU)
	Soohwan Jung (post-BA premed program, JHU)
2015-16	Biobele Braide (junior/senior, Neuroscience, JHU)
	Katie Link (sophomore/junior, Neuroscience, JHU)
2014	Alex Serafini (freshman, Biomolecular Engineering and Neuroscience, JHU)
	Raghav Matta (freshman, Neuroscience, JHU)
	Rebecca Zhang (freshman, Cellular Biology and Neuroscience, JHU)

Post-doctoral Advisees /Mentees

2026-	**Lalit Pandey,** Ph.D. (Computer Science, Indiana University).
2023-	**Merel Muylle,** Ph.D. (Cognitive Psychology, Ghent University). Co-advised with Robert Hartsuiker. Conducting research on orthography and typing.
2023-2024	**Arella Gussow,** Ph.D. (Cognitive Psychology and Cognitive Neuroscience, University of Wisconsin-Madison). Now visiting assistant professor at University of Richmond.
2021- 2022	**Nilsu Atilgan,** Ph.D. (Cognitive and Brain Sciences, University of Minnesota). Conducting research on the role of visual processes in typing. Now: assistant professor at Bilkent University.
2016-2019	**Svetlana Pinet,** Ph.D. (Psychology, Aix-Marseille University). Now assistant professor at University of Lille.
2015-16	**Alison Trude,** Ph.D. (Psychology, University of Illinois at Urbana-Champaign). Now a senior data science manager at Amazon.

Thesis/graduate committees

2024-	Phillip Hegeman, PhD candidate in Psychology and Cognitive Science, IU. Advisor: Jennifer Trueblood. Committee member.
2023-	James Adaryukov, PhD candidate in Psychology and Cognitive Science, IU. Advisor: Tim Pleskac. Committee member.
2022-	Tara Pirnia, PhD candidate in PNC and Machine Learning, CMU. Advisor and committee member.
2021- 2023	Kyriaki Neophytou, PhD candidate in Cognitive Neuroscience, Johns Hopkins University. Committee member.
2021- 2022	Ann Kochupurackal, Ms candidate in Psychology, Tufts University. Committee member.
2020-	Megan Waller, Ph.D. candidate in Psychology, Carnegie Mellon University. Committee member.
2019-	Timothy Murphy, Ph.D. candidate in Psychology, Carnegie Mellon University. Committee member.
2019-2020	Benjamin Chernoff, Ph.D. candidate in Psychology, Carnegie Mellon University. Committee member.
2019- 2022	Patience Stevens, Ph.D. candidate in Psychology, Carnegie Mellon University. Committee member.

2019- 2021 Gali Ellenblum, Ph.D. candidate in Cognitive Science, Johns Hopkins University. Dissertation committee member.
2018-2019 Robert Wiley, Ph.D. candidate in Cognitive Science, Johns Hopkins University. Dissertation committee member.
2017 Niloofar Akhavan, M.A. candidate in Psychology, Koç University, Istanbul, Turkey. Dissertation committee member.
2017 Behnoush Tahanzadeh, Ph.D. candidate in Speech and Hearing Sciences, Tehran University of Medical Sciences, Tehran, Iran. Dissertation committee member.
2016 Bonnie Breining, Ph.D. candidate in Cognitive Science, Johns Hopkins University. Dissertation committee member.

PROGRAM BUILDING SERVICE

2025- Steering committee of the Cognitive Science Program, Indiana University
2024- Coordinator of the Cognitive Science Colloquium, Indiana University
2024- Chair of Space committee, Department of Psychological and Brain Sciences, Indiana University
2024- College instructional faculty promotion subcommittee, Indiana University
2024- Research Data Storage Advisory Council, Indiana University
2021- 2022 BRIDGE steering committee Chair, CMU and University of Pittsburgh
2020- 2021 Neuroscience committee, Program for Computational Neuroscience, CMU and University of Pittsburgh
2019- 2021 BRIDGE steering committee member, CMU and University of Pittsburgh
2019-2021 Graduate student committee, Department of Psychology at CMU
2017 Mentor in the Academy of Aphasia's Mentorship Program.
2017 New undergraduate course proposal: Proposed a new course (together with mentee Dr. Svetlana Pinet) to teach undergraduate students the basics of brain recording and stimulation. This proposal was in answer to a call for the competitive SOUL (Special Opportunities for Undergraduate Learning) program, and was approved for teaching in Fall 2017.
2016 New upper-level undergraduate/graduate course proposal: Proposed a new course, Cognitive and Neural Basis of Executive Control, for teaching in the department of Cognitive Science.
2016 Mentor in the Women's Mentorship Network sponsored by The American Women's Medical Association.
2014-present Mentor in the neuroscience program at Johns Hopkins University. Supervising undergraduate students in the neuroscience program who seek research experience in cognitive psychology or cognitive neuroscience. Offering research credit (1-4).
2014-present Mentor in the Medical Tutorial program at Johns Hopkins University. Providing a unique experience for pre-med students who want to learn the basics of translational research, as well as modern techniques in cognitive research such as eye-tracking. Offering research credit (1-2).
2011-2013 Mentor in the PURM (Penn Undergraduate Research Mentorship) program to promote excellence in undergraduate research. Research mentorship and supervision of Honors theses. Trainee was awarded the Morris Viteles Award for Excellence in Undergraduate Research in Psychology.

Leadership roles

2022 Organizer and chair of the 12th International Workshop on Language Production in Pittsburgh in June 2022.
2021 Co-organizer of the Women in Cognitive Science (WiCS) event in CogSci2021: Navigating the maze: Developing your career in animal cognition.
2020- Appointed to the leadership team of Women in Cognitive Science (WiCS)
2016 Selected for the Emerging Women Leadership Program, sponsored by the Office of Women in Science and Medicine, Johns Hopkins University.

EDITORIAL AND REVIEW ACTIVITIES

Editorial and administrative appointments

[2024 Invited to be the associate editor of Cognition; turned down to focus on other service]
2023-2024 Associate editor, Journal of Memory and Language
2020-2024 Associate editor, Psychonomic Bulletin & Review
2019-2021 Member, Academy of Aphasia Program committee
2018-2020 Editor, PLOS ONE journal
2018- Editorial board member, Cognitive Neuropsychology journal
2017-2019 Chair, Academy of Aphasia membership board
2016 Search committee member, search for the new faculty hire in the Cognitive Neurology division.
2016-2017 Board member, Academy of Aphasia Membership Board
2016- Editorial board member, Frontiers in Psychology journal (Cognition section)

Journal/conference peer review activities
Reviewer, Journal of Memory and Language
Reviewer, Cognition
Reviewer, Psychological Science
Reviewer, Psychonomic Bulletin & Review
Reviewer, Cognitive Neuropsychology
Reviewer, Memory and Cognition
Reviewer, Journal of Experimental Psychology: Learning, Memory and Cognition
Reviewer, Journal of Experimental Psychology: Human Perception and Performance
Reviewer, Journal of Experimental Psychology: General
Reviewer: Psychological Review
Reviewer, Journal of Cognitive Neuroscience
Reviewer, Trends in Cognitive Sciences (TICS)
Reviewer, International Journal of Speech-Language Pathology
Reviewer, Frontiers in Psychology
Reviewer, Brain & Language
Reviewer, Neuropsychologia
Reviewer, Acta Psychologica
Reviewer, Cognitive, Affective, & Behavioral Neuroscience
Reviewer, Journal of Neurolinguistics
Reviewer, Quarterly Journal of Experimental Psychology
Reviewer, Brain Stimulation
Reviewer, Language and Cognitive Processes (now Language, Cognition, and Neuroscience)
Reviewer, PLoS One
Reviewer, Cortex
Reviewer, Cognitive and Behavioral Neurology
Reviewer, eLife
Reviewer, Experimental Brain Research
Reviewer, Bilingualism: Language and Cognition
Reviewer, Scientific Reports - Nature Research
Reviewer, Language Learning and Development
Reviewer, Journal of Cognition
Reviewer, Journal of Cultural Cognitive Science
Reviewer: Psychophysiology
Reviewer, 37th Annual Meeting of the Cognitive Science Society
Reviewer, 38th Annual Meeting of the Cognitive Science Society
Reviewer, 40th Annual Meeting of the Cognitive Science Society
Reviewer, 41st Annual Meeting of the Cognitive Science Society
Reviewer, 29th Annual CUNY Conference on Human Sentence Processing
Reviewer, 30th Annual CUNY Conference on Human Sentence Processing
Reviewer, 31st Annual CUNY Conference on Human Sentence Processing
Reviewer, 32nd Annual CUNY Conference on Human Sentence Processing
Reviewer, 33rd Annual CUNY Conference on Human Sentence Processing

Advisory Committees, Review Groups/Study Sections

Reviewer for career development awards (CDA) for trainees and community collaboration awards (CCA) for the Center for the Neural Basis of Cognition (CNBC), Pittsburgh
Panelist for NIH study section, LCOM
Reviewer for the Carnegie Fellowship, Carnegie Mellon University
Reviewer for the NSF trans-Atlantic Platform Recovery, Renewal and Resilience (TAP RRR)
Reviewer for the Pew Biomedical Scholars Program, Carnegie Mellon University
Program Committee, CogSci 2020
Program Committee – Academy of Aphasia
Reviewer for the National Science Foundation (NSF) (Panel member)
Reviewer for the Swiss National Science Foundation (SNF)
Reviewer for the Graduate Travel Awards for the Psychonomic Society's 60th Annual Meeting
Program committee member, Academy of Aphasia
Search committee member in the search for the editor-in-chief of Memory & Cognition journal
Reviewer for the Provost's Undergraduate Research Award (PURA) at Johns Hopkins University
Reviewer for l'Agence Nationale de la Recherche (ANR; the French National Research Agency)
Reviewer for the Summer Training and Research (STAR) undergraduate award at Johns Hopkins
Reviewer for the UK Stroke Association
Reviewer for the National Science Foundation (NSF) (Panel member)
Reviewer for the William Orr Dingwall Foundation
Reviewer for the National Science Foundation (NSF) (Ad hoc reviewer)
Reviewer for the National Science Foundation (NSF) – Dissertation proposals
Reviewer for the Netherlands Organization for Scientific Research (NWO)

Professional Societies

2020-present Fellow – Academy of Aphasia
2017-present Member – The Society for the Neurobiology of Language
2016-present Fellow – The Psychonomic Society
2013-2015 Member – The Psychonomic Society
2011-2013 Associate Member – The Psychonomic Society
2010-present Member – The Cognitive Science Society
2009-2020 Member – Academy of Aphasia