

NAZBANOU (BONNIE) NOZARI

CURRICULUM VITAE

DEMOGRAPHIC AND PERSONAL INFORMATION

7/10/2022

Personal Data

U.S. Citizen

Business Address: Department of Psychology, 335-H Baker Hall

Carnegie Mellon University

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Current Appointments

2022- Associate Professor with tenure, Department of Psychology, Carnegie Mellon University

2019- Associate Professor, Department of Psychology, Carnegie Mellon University

2019- 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 the 10/66 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. 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.
2. **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.
3. 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.
4. 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.
5. 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*. Cognitive Science Society.
6. 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>
7. 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.
8. 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>
9. Riès, S., Pinet, S., **Nozari, N.**, & Knight, R. T. (2021). Characterizing multi-word speech production using event-related potentials. *Psychophysiology*. <https://doi.org/10.1111/psyp.13788>
10. 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>
11. 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>
12. Hepner, C. R., & **Nozari, N.** (2020). The dual origin of lexical perseverations in aphasia: Residual activation and incremental learning. *Neuropsychologia*, 147. <https://www.sciencedirect.com/science/article/pii/S002839322030275X?via%3Dihub>
13. **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>
14. 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.

15. **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.
16. **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.
17. **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
18. **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 (special issue on "The Cognitive Neuroscience of Speech Production: Computational principles for linking words and brains", in memory of Albert Costa)*, 53. <https://doi.org/10.1016/j.jneuroling.2019.100875>
19. **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>
20. **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>
21. **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>
22. **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>
23. **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>
24. **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>
25. **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>
26. **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>
27. **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>.
28. **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.
29. **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.
30. **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.
31. **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>
32. **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>
33. **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>

34. **Nozari, N.** & Novick, J. (2017). Monitoring and control in language production. *Current Directions in Psychological Science*, 26(5), 403–410. <https://doi.org/10.1177/09637214177024>
35. **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* (pp. 1218-1223). Austin, TX: Cognitive Science Society.
36. **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>
37. **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>
38. **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>
39. **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>
40. 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>
41. **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.
42. **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.
43. **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.
44. **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>
45. **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.
46. **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.
47. **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
48. **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>
49. **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
50. **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>

51. Dell, G. S., Schwartz, M. F., **Nozari, N.**, Faseyitan, O., & Branch Coslett, 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>
52. **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>
53. 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>
54. **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>
55. **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.
56. **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>
57. **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>
58. **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>
59. 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.** (2021). 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. **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>
2. 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
3. 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
4. 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
5. **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
 6. **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
 7. **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
 8. **Akhavan, N., Goksun, T., Kazemi, R. & Nozari, N.** (2016). Integrity and function of gestures in aphasia. *Frontiers in Psychology*. Conference Abstract: 54th Annual Academy of Aphasia Meeting. doi: 10.3389/conf.fpsyg.2016.68.00039
 9. **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
 10. **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.
 11. **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
 12. **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
 13. **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
 14. **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
 15. **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.
 16. **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.
 17. **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

National

- 4/5/2022 Career development for students in Cognitive Science, lecture series organized by the CMU CogSci Student Advisory Board.
- 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, Bielefeld, 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 aphasia”, Satellite lecture for the Center for the Study of Aphasia Recovery (C-STAR), main center located at the University of South Carolina.
- 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
- 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

International

- 2/18/2021 Invited speaker, “Where does interference in language production come from?”, Workshop on Creativity in Language and Communication. Bielefeld, Germany.
- 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).
- 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.

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

- 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.
- 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.
- 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.
- 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.

- 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.
- 6/2022 Atilgan, N., Chu, L., & Nozari, N. (2022). Learning of simple and complex orthotactic constraints in typing. 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. 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. 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? 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. 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. 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. 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? 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. & Daryaei, 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

- 09/22/2022- 09/21/2025 Transfer of statistical learning from perception to production
Identification Number: 2217415
National Science Foundation
Role: PI
\$553,739
- 09/15/2021- 08/31/2023 Women in Cognitive Science: Networking, Visibility, and Career Pathways
Identification Number: 2138047
National Science Foundation
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: 14-551
 National Science Foundation (NSF): Doctoral Dissertation Research
 \$14,452
 PI: Carolyn J Lutken
 Role: Co-PI/Faculty mentor
 09/15/2016–09/15/2020 Executive control in sentence production
 Identification Number: 001910777
 National Science Foundation (NSF)
 \$577,408
 Role: PI
 07/01/2016–07/01/2018 Investigation of the effect of contextual semantic similarity on word learning
 The Science of Learning Initiative, Johns Hopkins University
 \$146,793
 Role: PI
 03/01/2016–03/01/2019 Contributions of executive control abilities to perspective-taking in aphasia
 (PI left on 06/30/2017 for A job) 1F32DC015390-01
 NIH/NIDCD
 \$174,090
 PI: Alison Trude (postdoc)
 Role: Co-PI/Faculty mentor
 07/01/2014–07/01/2016 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
 09/01/2011–09/01/2013 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 2022 Instructor, Cognitive Psychology (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
 Spring 2021 Instructor, Cognitive Psychology (General Education course), Department of Psychology, Carnegie Mellon University
 Fall 2020 Instructor, Cognitive Psychology (General Education course), Department of Psychology, Carnegie Mellon University

- Spring 2020 Instructor, Cognitive Psychology (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

- 2022- **Tara Pirnia**, B.S. (Neuroscience, UCLA). PhD. student (PNC & Machine Learning). Joint advisor with Leila Wehbe.
- 2022- **Andrea Tovar**, B.A. (Psychology, University of Texas at El Paso). Ph.D. student (psychology at UPitt). Primary advisor: Natasha Tokowicz.
- 2021- **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- **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- **Tania Daliwal**, B.S. (Stanford University). Full-time RA, working on projects related to the development of semantic knowledge and language.
- 2019- **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 **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 **Niloofer Akhavan**, M.A. (Psychology, Koc University, Istanbul, Turkey). I have co-mentored Niloofer on several projects, including collection of data from individuals with aphasia in Iran. I have been a co-author on four papers on which Niloofer has been the first author. Niloofer 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):

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

Post-doctoral Advisees /Mentees

- 2021- **Nilsu Atilgan**, Ph.D. (Cognitive and Brain Sciences, University of Minnesota). Conducting research on the role of visual processes in typing.
- 2016-2019 **Svetlana Pinet**, Ph.D. (Psychology, Aix-Marseille University). Conducted research on cognitive and neural basis of typing. Based on her work in my lab, she has published a paper with me in *Psychonomic Bulletin & Review*, has another paper under review, and one that is being prepared for write-up. In addition, she has had multiple presentations based on her work in the lab in major conferences such as the SNL, Psychonomics, Academy of Aphasia, and CogSci.
- 2015-16 **Alison Trude**, Ph.D. (Psychology, University of Illinois at Urbana-Champaign) currently a language scientist in the Alexa team at Amazon. Alison received her NRSA (F32 grant) from NIH: NIDCD under my mentorship. She has three conference abstracts with me, as well as a 6-page paper in the proceedings of the Annual Meeting of the Cognitive Science Society, 2017. The data she collected during her time in my lab are ready to be written up as two papers.

Thesis/graduate committees

- 2022- Tara Pirnia, PhD candidate in PNC and Machine Learning, CMU. Advisor and committee member.
- 2021- Kyriaki Neophytou, PhD candidate in Cognitive Neuroscience, Johns Hopkins University. Committee member.
- 2021- 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- Patience Stevens, Ph.D. candidate in Psychology, Carnegie Mellon University. Committee member.
- 2019 Gali Ellenblum, Ph.D. candidate in Cognitive Science, Johns Hopkins University. Dissertation committee member.
- 2018 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.

Educational Program Building

- 2021- BRIDGE steering committee Chair, CMU and University of Pittsburgh
- 2020- Neuroscience committee, Program for Computational Neuroscience, CMU and University of Pittsburgh
- 2019- BRIDGE steering committee member, CMU and University of Pittsburgh
- 2019- 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.

ORGANIZATIONAL ACTIVITIES AND LEADERSHIP

Editorial and administrative appointments

- 2020- 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)

Leadership roles

2022 (Upcoming) Organizing and chairing the 12th International Workshop on Language Production in Pittsburgh in June 2022.
2021 Co-organizing 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.

Journal/conference peer review activities

Reviewer, Journal of Memory and Language
Reviewer, Cognition
Reviewer, Psychological Science
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 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, 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, 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

2022 Panelist for NIH study section, LCOM
2022 Reviewer for the Carnegie Fellowship, Carnegie Mellon University
2021 Reviewer for the NSF trans-Atlantic Platform Recovery, Renewal and Resilience (TAP RRR)
2021 Reviewer for the Pew Biomedical Scholars Program, Carnegie Mellon University
2020 Program Committee, CogSci 2020
2019 Program Committee – Academy of Aphasia
2019 Reviewer for the National Science Foundation (NSF) (Panel member)
2019 Reviewer for the Swiss National Science Foundation (SNF)
2019 Reviewer for the Graduate Travel Awards for the Psychonomic Society’s 60th Annual Meeting
2019 Program committee member, Academy of Aphasia
2019 Search committee member in the search for the editor-in-chief of Memory & Cognition journal
2018 Reviewer for the Provost's Undergraduate Research Award (PURA) at Johns Hopkins University
2018 Reviewer for l’Agence Nationale de la Recherche (ANR; the French National Research Agency)
2018 Reviewer for the Summer Training and Research (STAR) undergraduate award at Johns Hopkins
2018 Reviewer for the UK Stroke Association
2018 Reviewer for the National Science Foundation (NSF) (Panel member)
2017 Reviewer for the William Orr Dingwall Foundation
2016 Reviewer for the National Science Foundation (NSF) (Ad hoc reviewer)
2016 Reviewer for the National Science Foundation (NSF) – Dissertation proposals
2014 Reviewer for the Netherlands Organization for Scientific Research (NWO)

Professional Societies

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-present Member - Academy of Aphasia