

CURRICULUM VITAE
The Johns Hopkins University School of Medicine



NAZBANOU NOZARI

7/29/2016

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

- 2014-present Assistant Professor of Neurology, The Johns Hopkins University School of Medicine
- 2014-present Secondary appointment, Department of Cognitive Science, Krieger School of Arts and Sciences, Johns Hopkins University

Personal Data

Business Address: 1629 Thames Street, Suite 350
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Education and Training

Graduate/doctoral

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

Post-doctoral

- 2011-12 Post-doctoral Fellow, Cognitive Neuropsychology, Moss Rehabilitation Research Institute, Elkins Park, PA, Advisor: Myrna Schwartz
- 2011-13 Postdoctoral Fellow, Cognitive Neuroscience, University of Pennsylvania, Philadelphia, PA
Advisor: Sharon Thompson-Schill

Professional Experience

- 2005-06 Research Assistant, Roozbeh Psychiatric Hospital, Tehran University of Medical Sciences
- 2005-06 Collaborative Research Assistant, Kings College London, executing the 10/66 international dementia screening project in Iran
- 2006-10 Research Assistant, University of Illinois at Urbana-Champaign, IL
- 2010-11 Teaching Assistant, University of Illinois at Urbana-Champaign, IL
- 2011-13 Postdoctoral Researcher and undergraduate mentor at the University of Pennsylvania, Philadelphia, PA
- 2014- Assistant Professor of Neurology, The Johns Hopkins University School of Medicine, Baltimore, MD
- 2014- Secondary appointment at the Department of Cognitive Science, Krieger School of Arts and Sciences, The Johns Hopkins University, Baltimore, MD

PUBLICATIONS:

Peer-reviewed Original Research [OR]

1. **Nozari N**, Ferri CP, 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.
2. **Nozari N**, Dell GS, (2009). More on lexical bias: how efficient can a "lexical editor" be? *Journal of Memory and Language*, 60, 291-307.
3. **Nozari N**, Kittredge AK, Dell GS, Schwartz MF. (2010). Naming and repetition in aphasia: Steps, routes, and frequency effects. *Journal of memory and Language*, 63, 541-559.

4. **Nozari N**, Dell GS, Schwartz MF. (2011). Is comprehension the basis for error detection? A conflict-based theory of error detection in speech production. *Cognitive Psychology*, 63(1), 1-33.
5. **Nozari N**, Dell GS. (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.
6. **Nozari N**, Dell GS. (2012). Feature migration in time: Reflection of selective attention on speech errors. *Journal of Experimental Psychology-Learning Memory and Cognition*, 38(4), 1084-1090.
7. Budd MJ, Hanley JR, **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.
8. **Nozari N**, Thompson-Schill SL. (2013). More attention when speaking: does it help or does it hurt? Evidence from tDCS. *Neuropsychologia*, 51(13), 2770-2780.
9. **Nozari N**, Dell GS. (2013). How damaged brains repeat words: A computational approach. *Brain & Language*. 126(3), 327-337.
10. Dell GS, Schwartz MF, **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.
* Analysis of the behavioral data, involved in the conceptualization of the experiment, analysis of the lesion data, and write up of the study.
11. **Nozari N**, Arnold JE, Thompson-Schill SL. (2014). The Effects of Anodal Stimulation of the Left Prefrontal Cortex on Sentence Production. *Brain stimulation*, 7(6), 784-792.
12. **Nozari N**, Woodard K, Thompson-Schill SL. (2014). Consequences of cathodal stimulation for behavior: when does it help and when does it hurt performance? *PloS one*, 9(1), 1-15.
13. Breining B, **Nozari N***, Rapp B. (2015). Does segmental overlap help or hurt? Evidence from blocked cyclic naming in spoken and written production. *Psychonomic Bulletin & Review*, 23, 500-506.
*Joint co-mentor with B. Rapp.
14. **Nozari N**, Dell GS, 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.
15. 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.
*Joint co-mentor with T. Goksun.
16. **Nozari N**, Goksun T, Thompson-Schill SL, Chatterjee A. (2015). Phonological similarity affects production of gestures, even in the absence of speech. *Frontiers in Psychology*, 6 (1347). doi: 10.3389/fpsyg.2015.01347
17. **Nozari N**, Mirman D, Thompson-Schill SL. (2016). The role of the left inferior prefrontal gyrus in blocking distraction in sentence comprehension. *Brain & Language*, 157, 1-13. doi: 10.1016/j.bandl.2016.04.006
18. Hanley RJ, Cortis C, Budd MJ, **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.
19. **Nozari N**, Freund M, Breining B, Rapp B, Gordon B. (2016). Two types of cognitive control in language production. *Language Cognition & Neuroscience*. doi: 10.1080/23273798.2016.1157194
20. **Nozari N**, Mirman D. (in press). Using determiners as contextual cues in sentence comprehension: A comparison between younger and older adults. *Proceedings of the 38th Annual Conference of the Cognitive Science Society*.
21. Akhavan N, Goksun T, **Nozari N**. (in press). Disfluency production in speech and gesture. *Proceedings of the 38th Annual Conference of the Cognitive Science Society*.
22. Freund M, Gordon B, **Nozari N**. (in press). Conflict-based regulation of control in language production. *Proceedings of the 38th Annual Conference of the Cognitive Science Society*.
23. **Nozari N**, Trueswell J, Thompson-Schill SL. (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*. doi: 10.3758/s13423-016-1068-8

Review Articles [RA]

1. 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, Monographs

1. Dell GS, **Nozari N**, Oppenheim GM. (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 University Press.
2. **Nozari, N**, Thompson-Schill SL. (2015). Left Ventrolateral Prefrontal Cortex in Processing of Words and Sentences. In G. Hickok & S.L. Small (Eds.), *The Neurobiology of Language* (pp. 569-588). Waltham, MA: Academic Press.

Short Conference proceedings

1. **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.
2. **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.
3. **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.
4. **Nozari N**. (2014). Using Transcranial Direct Current Stimulation (tDCS) to study and treat aphasia. *Frontiers in Psychology*. doi:10.3389/conf.fpsyg.2014.64.00008.
5. **Nozari N**. (2014). Using Transcranial tDCS to test cognitive hypotheses. *Frontiers in Psychology*. doi:10.3389/conf.fpsyg.2014.64.00009
6. **Nozari N**, Mirman D, Thompson-Schill SL. (2014). The role of the left ventrolateral prefrontal cortex in online sentence processing. *Frontiers in Psychology*. doi:10.3389/conf.fpsyg.2014.64.00012
7. Middleton E, Schwartz MF, 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*. doi:10.3389/conf.fpsyg.2014.64.00066
8. Schwartz MF, 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*. doi:10.3389/conf.fpsyg.2014.64.00070
9. **Nozari N**, Faroqi-Shah Y. (to appear). How should we approach the study of fluency? A corpus analysis. *Frontiers in Psychology*.
10. Akhavan N, Goksun T, **Nozari N**. (to appear). Integrity and function of gestures in aphasia" was accepted for the Conference. *Frontiers in Psychology*.
11. Trude A, **Nozari N**. (to appear). Cognitive costs of perspective-taking in an individual with nonfluent aphasia. *Frontiers in Psychology*.

Media Releases or Interviews

1. "How does the brain process speech errors? Biological alarms when speaking" (2012, June, 16). Published interview in Mehr News Agency, 12:44, 1627651. Article in Persian.

FUNDING

EXTRAMURAL Funding

Current

03/01/2016 – 03/01/2019 Contributions of executive control abilities to perspective-taking in aphasia.
 1F32DC015390-01
 NIH/NIDCD
 \$174,090
 PI: Alison Trude, PhD
 Role: Faculty mentor

09/15/2016 – 09/15/2019 Executive control in sentence production.
001910777
National Science Foundation (NSF)
\$357,600.
PI: Nozari N

INTRAMURAL Funding

Current

07/01/2016 – 07/01/2018
Title: Investigation of the effect of contextual semantic similarity on word learning.
Identification Number: N/A.
Sponsor: Science of Learning Initiative, Johns Hopkins University.
Total Direct Cost: \$146,793.
Role: PI

Completed

09/01/2013 – 09/01/2019.
Title: Task Switching: a window to executive deficits in aphasia.
Identification Number: N/A.
Sponsor: State of PA Health Research Formula Grant.
Total Direct Cost: \$52,000.
Principal Investigator: Myrna Schwartz, PhD.
Role: Co-PI

07/01/2014 – 07/01/2016.
Title: Deep Multi-view Learning for Acoustic-to-Articulatory-Inversion
Identification Number: N/A.
Sponsor: Science of Learning Initiative, Johns Hopkins University.
Total Direct Cost: \$110,000. Principal Investigator: Raman Arora, PhD.
Role: Co-PI

EDUCATIONAL ACTIVITIES

Educational Focus

I am passionate about teaching best practices in cognitive and cognitive neuroscience research to undergraduate, graduate and post-graduate young scholars. My special emphasis is on interdisciplinary research, bridging together my two fields of expertise (language processing and executive control), as well as translational research (applying cognitive principles to educational, as well as, treatment settings). The new course I built from the ground up and taught at Johns Hopkins is a good representative of this initiative.

Teaching

Classroom instruction

Fall 2009	Psycholinguistics (mid-level undergraduate) Department of Psychology, University of Illinois at Urbana-Champaign Invited guest lecturer
Spring 2010	Experimental Design in Cognitive Psychology (upper-level undergraduate) Department of Psychology, University of Illinois at Urbana-Champaign Graduate instructor (lab section)
Spring 2016	Cognitive and Neural Basis of Executive control* (upper-level undergraduate/graduate)

Department of Cognitive Science, Krieger School of Arts & Sciences, Johns Hopkins University

Assistant professor

* New course developed and thought for the first time at Johns Hopkins. New in both materials, and style: professional development for upper-level undergraduate students.

Workshops /seminars

November 2014 International workshop organizer and speaker (along with three other speakers). Title: Using Transcranial Direct Current Stimulation (tDCS) to study and treat aphasia: Why's, How's, Do's and Don'ts. Venue: 52th Annual Meeting of the Academy of Aphasia, Miami, FL.

April 2016 Keynote speaker in the first undergraduate conference in cognitive science "From monkeys to infants to humans", organized by Johns Hopkins, Yale, and Duke undergraduates.

Mentoring

Pre-doctoral Advisees /Mentees

Kristina Woodard, BA (Psychology, University of Pennsylvania), 2012-2013. Worked with me for a year when I was a mentor at the University of Pennsylvania. Wrote her Honors thesis with me, presented a poster with me in the Annual Meeting for the Cognitive Neuroscience (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. Current position: Graduate student in the Psychology department at the university of Wisconsin-Madison.

Alex Serafini, BA candidate (Biomolecular Engineering and Neuroscience, Johns Hopkins University), 2014. Alex worked in my lab for two semesters as a Freshman, and was accepted into the Stanford Summer Research Program in 2015. Current position: BA candidate at Johns Hopkins.

Sweta Joshi, BA candidate (Psychology, McGill University), summer 2014. Worked with me over the summer and learned audio and video coding, and helped with coding the data for Nozari, Goksun, Thompson-Schill & Chatterjee (2015), and appears in the acknowledgment of that paper. Current position: senior student at McGill.

Kyle Schneck, MA (University of Delaware), 2014-2015. Kyle worked with me part-time for a year. Learned speech error coding, and is a co-author in Nozari, Dell, Schenck, & Gordon (2015). Current position: Kyle left academia after graduation from the University of Delaware.

Michael Freund, BA (Psychology, University of Wisconsin-Madison), March 2014-present. As my lab manager, Mike has been involved in several projects, and has co-authored Nozari, Freund, Breining, Rapp & Gordon (2016) with me. I have also mentored him on his recently published paper, Freund, Gordon, & Nozari (in press). In addition, he has 3 conference presentations with me. He is applying to graduate schools this year.

Katie Link, BA candidate (Neuroscience, pre-med, Johns Hopkins), 2015-2016. Katie completed two semesters of Neuroscience credit with me, and is currently involved in an on-going research project. She has applied for early admission to Medical School. She is a rising junior.

Kathleen Kelly, post-BA pre-med student, Johns Hopkins, 2015-2016. Kathleen completed two semesters of Medical Tutorial credit in my lab, and learned collection of eye-tracking data. Current position: accepted to Georgetown Medical School pending MCAT scores.

Biobele Braide, BA candidate (Neuroscience, Johns Hopkins University), 2015-2016. Biobele worked as a volunteer for one semester, and for research credit in Neuroscience for another semester with me, and learned error coding for aphasic data. Current position: rising senior at Johns Hopkins.

Nicholas McCloskey, BA candidate (Psychology, Temple University), 2015-present. 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. Current position: Junior at Temple University.

Bonnie Breining, PhD candidate (Cognitive Science, Johns Hopkins University), 2014-2015. I co-mentored Bonnie Breining on two projects, both of which are published now: Breining, Nozari, & Rapp (2015), and Nozari, Freund, Breining, Rapp, & Gordon (2016). She was also a co-author on a poster with me. Bonnie will graduate this summer.

Niloofar Akhavan, MA (Psychology, Koc University, Istanbul, Turkey), 2014-present. I have co-mentored Niloofar on several projects, including collection of aphasic data from patients in Iran. I have been a co-author on two of her papers, Akhavan, Nozari, & Goksun (2015), and Akhavan, Goksun, & Nozari (2016), and we currently have another paper under review, for which we recently submitted a revision. Current position: Niloofar was accepted into the PhD program in Speech and Hearing Sciences at UCSD and will start in Fall 2016.

Post-doctoral Advisees /Mentees

Alison Trude, PhD (Psychology, University of Illinois at Urbana-Champaign), 2015-present. Alison received her NRSA (F32 grant) from NIH: NIDCD under my mentorship, and has submitted three conference abstracts with me in 2016, based on the work we proposed in the grant.

Thesis committees

Bonnie Breining, PhD candidate in Cognitive Science, Johns Hopkins University. Dissertation committee, prospective defense date: July 2016.

Niloofar Akhavan, MA candidate in Psychology, Koc University, Istanbul, Turkey. Dissertation committee, prospective defense date: July 2016.

Behnoush Tahanzadeh, PhD candidate in Speech and Hearing Sciences, Tehran University of Medical Sciences, Tehran, Iran. Dissertation committee, prospective defense date: 2017.

Educational Program Building / Leadership

2011-2013. Mentor in the PURM (Penn Undergraduate Research Mentorship) program to promote excellence in undergraduate research. Trainee was awarded the Morris Viteles Award for Excellence in Undergraduate Research in Psychology.

2014-present. Mentor in Neuroscience research program. Providing cognitive training on an individual basis for undergraduates in the Neuroscience program.

2014-present. Mentor in the Medical Tutorial program. Providing a unique experience for pre-med students to learn the basics of translational research, as well as modern techniques in cognitive research such as eye-tracking.

2016. Proposed a new course for teaching (Cognitive and Neural Basis of Executive Control) in the department of Cognitive Science.

2016-present. Mentor in the Women's Mentorship Network sponsored by The American Women's Medical Association.

Educational Demonstration Activities to external audiences, on or off campus

2015-present. Supervising HASA (Hopkins Association for Stroke Awareness) volunteer students in an educational community outreach program which engages individuals with post-stroke aphasia in long-distance communication via video or phone. Part of this program's goal is to familiarize students with the communication disorders after stroke, and to help them learn how to communicate with individuals with brain damage.

RESEARCH ACTIVITIES

Research Focus

My research focuses on understanding the cognitive and neural architecture of the language production system and how it interacts with other cognitive systems, especially the executive control system. Together with my students and my collaborators, we have several lines of research, studying the role of executive control in lexical retrieval and grammatical encoding in children, younger and older adults, bilinguals, and individuals with aphasia, with the overarching goal of understanding how the language production system is monitored and regulated. My recent work has expanded this focus to language learning, as well as re-learning of the lost language after brain damage.

Research Program Building / Leadership

Promoting interdisciplinary research at Johns Hopkins

2014-present. I have supported the mission of the Science of Learning Initiative (SLI), which is to promote inter-departmental collaboration within JHU, by submitting two proposals to the SLI, one in 2014 in collaboration with the Computer Science department, and one in 2016 in collaboration with the School of Education. The first proposal was funded, and the second proposal is under consideration at the moment.

2016-present. In collaboration with Akira Omaki from the department of Cognitive Science, we have submitted a proposal to the National Science Foundation to merge research on adult and child speakers with the goal of understanding the role of executive control in grammatical encoding. This proposal was accepted for funding.

Promoting interdisciplinary research internationally

2005-2006. I acted as a liaison between Kings College London and Tehran University of Medical Sciences, and launched the first phase of the 10/66 international dementia project in Iran. This project entailed translating and standardizing the dementia screening materials in Iran, and conducting the first pilot phase of the study. The results were published in Nozari et al. (2009) in the *International Psychogeriatrics*.

2014-present. In collaboration with Tilbe Goksun in Koc University in Istanbul, Turkey, I launched a program of cross-cultural students involving Persian student in Turkey, to recruit and test Iranian patients with post-stroke aphasia. This effort, which allows us to study a typologically distinct language, Farsi, along Turkish and English, provided us with a unique opportunity for cross-cultural studies. The first student in this program, Niloofar Akhavan, is defending her MA thesis in July and will start her PhD in UCSD in Fall 2016. Based on this work, she has published two 6-page papers in the proceedings of the Cognitive Science Annual Meeting in 2015 and 2016, with another article under review, and one in preparation.

2015-present. Together with the Basque Center on Brain, Language, and Cognition (BCBL) in Spain, I have launched a series of collaborative projects to investigate how language production is regulated and monitored in bilingual English-Spanish speakers. The unique aspect of this collaboration is to allow comparisons between bilinguals whose dominant language is English (the US center) vs. those whose first language is Spanish (the Spain center), and to recruit a wide range of bilingual participants with different degrees of proficiency in either language. The preliminary results of this collaboration are submitted to two conferences this year, the IWLP in San Diego, and the AMLaP conference in Spain.

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

2016. Elected to the Academy of Aphasia Membership Board.

2016. Elected to the editorial board of *Frontiers in Psychology* journal (Cognition section)

Journal peer review activities

2009-present. Reviewer for Journal of Memory and Language
 2010-present. Reviewer for Journal of Cognitive Neuropsychology
 2011-present. Reviewer for Memory and Cognition
 2012-present. Reviewer for Journal of Experimental Psychology: Learning, Memory and Cognition
 2013-present. Reviewer for International Journal of Speech-Language Pathology
 2013-present. Reviewer for Frontiers in Psychology
 2013-present. Reviewer for PLoS One
 2013-present. Reviewer for Neuropsychologia
 2014-present. Reviewer Acta Psychologica
 2014-present. Reviewer for Experimental Brain Research
 2014-present. Reviewer for Language and Cognitive Processes (now Language, Cognition, and Neuroscience)
 2015-present. Reviewer for Journal of Cognitive Neuroscience
 2015-present. Reviewer for Psychological Science
 2015. Reviewer for the 37th Annual Meeting of the Cognitive Science Society
 2015. Reviewer for the 29th Annual CUNY Conference on Human Sentence Processing
 2016-present. Reviewer for the 38th Annual Meeting of the Cognitive Science Society
 2016-present. Reviewer for the Journal of Experimental Psychology: Human Perception and Performance
 2016-present. Reviewer for the Journal of Neurolinguistics

Advisory Committees, Review Groups/Study Sections

2014. Grant proposal reviewer for the Netherlands Organization for Scientific Research.

Professional Societies

2016-present. Academy of Aphasia (Membership Board committee member)
 2009-present. Academy of Aphasia (Member)
 2016-present. Psychonomic Society (Fellow)
 2013-2015. Psychonomic Society (Member)
 2011-2013. Psychonomic Society (Associate Member)
 2010-present. Cognitive Science Society (Member)

Session Chair

2010. Chair of the language production session at the 33rd Annual Conference of the Cognitive Science Society.

RECOGNITION

Awards, Honors

2004 Outstanding Chief Intern Award, Children Medical Center, Tehran, Iran
 2005 Travel grant for participation in the 2nd Congress on Brain and Behavior, Thessaloniki, Greece. \$500
 2009 Academy of Aphasia's best student presentation award, Boston, MA
 2010 Outstanding teacher, as ranked by the undergraduate students at University of Illinois at Urbana-Champaign, Lab in Cognitive Psychology
 2010 Robert J. Glushko Award for best dissertation in Cognitive Science. \$10,000
 2013 American Psychological Association's New Investigator Award
 2016 Selected for the Emerging Women Leadership Program, sponsored by the Office of Women in Science and Medicine, Johns Hopkins University

Invited Talks

JHMI/Regional

1/2013 Invited speaker, "Monitoring conflict: A domain-general principle of implicit metacognition", Department of Cognitive Science, The Johns Hopkins University, Baltimore, MD
 1/2013 Invited speaker, "On selective attention and taming in", School of Education, The Johns Hopkins University, Baltimore, MD

- 5/2013 Invited speaker, “Prefrontal cortex and language: tDCS as a teacher and a helper”, Department of Neurology, The Johns Hopkins University, Baltimore, MD
- 4/2014 Invited speaker, “Pathways for Auditory Word Repetition: Convergence of Computational Models and Lesion Findings”, Clinical Neuroscience Conference Series, Johns Hopkins Hospital, Baltimore, MD.
- 10/2015 Invited speaker, “Cognitive control in word production”, University of Maryland at College Park, College Park, MD
- 4/2016 Keynote speaker, “How do we talk? Understanding a system by looking at its errors”, Monkeys to Infants to Humans. The first Omega Psi Conference for Undergraduates in Cognitive Science, The Johns Hopkins University, Baltimore, MD
- 4/2016 Invited speaker, “Throwing out the baby and keeping the bathwater: Freud’s major contribution to cognitive science of language”, HEAD Talk series, The Johns Hopkins University, Baltimore, MD

National

- 3/2009 Speaker, “A computational case-series approach to investigating the architecture of the lexical access system”, Moss Rehabilitation Institute, Philadelphia, PA
- 12/2012 Invited speaker, “Producing, monitoring and correcting speech: A collaborative effort between two systems”, Temple University, Philadelphia, PA
- 12/2012 Invited speaker, “What can domain-general buy us? At least a better theory of speech monitoring”, Department of Brain and Cognitive Sciences, University of Rochester, Rochester, NY
- 12/2012 Invited speaker, “Are speech fluency and executive abilities linked?”, Albert Einstein Hospital, Elkins Park, PA
- 2/2013 Invited speaker, “A new theory of error detection in adults, children and aphasic patients”, Department of Communication Sciences and Disorders, New York University, New York, NY
- 2/2013 Invited speaker, “Producing, monitoring and correcting speech: A collaborative effort between two systems”, Department of Psychology, University of Connecticut, Storrs, CT
- 3/2013 Invited speaker, “Language production and executive control: revising the old theories”, Department of Psychology, Lehigh University, Bethlehem, PA
- 1/2013 Invited speaker, “On selective attention and taming in”, School of Education, The Johns Hopkins University, Baltimore, MD
- 9/2013 Invited speaker, “A new theory of monitoring in language production”, Department of Psychology, University of Delaware, Newark, DE
- 10/2013 Invited speaker, “Speaking with attention: Does it help or does it hurt?”, Beckman Institute of Sciences, University of Illinois at Urbana-Champaign, Champaign, IL

International

- 9/2016 Keynote speaker, “Regulation and control of the language production system”, 22nd annual meeting of Architectures and Mechanisms for Language Processing Psychology (AMLaP), Basque Center on Cognition, Brain and Language (BCBL), Basque Country, Spain

OTHER PROFESSIONAL ACCOMPLISHMENTS

Posters and Oral/Podium Presentations

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

Nozari, N., & Dell, G.S. (2007, August). *Monitoring or feedback? Evidence from the lexical bias effect*. Paper presented at the University of Illinois’s Psychology Department’s Cognitive Brown Bag Series, Urbana, IL.

Nozari, N. & Dell, G.S. (2007, November). *Lexical bias in speech production: how efficient can a lexical editor be?* Poster presented at the Psychonomic Society’s 48th annual meeting, Long Beach, CA.

Nozari, N. (2008, November). *30 years of lexical bias war: time to call a truce*. Paper presented at the Beckman Institute’s Language Processing Brown Bag Series, Urbana, IL.

- Nozari, N.,** Kittredge, A.K., & Dell, G.S. (2009, March). A computational case-series approach to frequency effect in aphasic word repetition. Poster presented at the CNS annual meeting, San Francisco, CA.
- Nozari, N.,** Kittredge, A.K., & Dell, G.S. (2009, September). *Parallel case-series analysis of aphasic word production*. Poster presented at the Beckman Institute Seminar. Urbana, IL.
- Nozari, N.,** Kittredge, A.K., & Dell, G.S. (2009, October). *A computational case-series approach to frequency effect in aphasic word repetition*. Paper presented at 47th annual meeting of the Academy of Aphasia, Boston, MA.
- Nozari, N.** & Dell., G.S. (2010, October). *Does error detection require comprehension?* Paper presented at the University of Illinois's Psychology Department's Cognitive Brown Bag Series, Urbana, IL.
- Nozari, N.** (2010, December). *A new model of monitoring in speech production*. Paper presented at the Outstanding Graduate Student Seminar, Beckman Institute of Sciences, Urbana, IL.
- Nozari, N.** & Dell., G.S. (2011, July). *Selective attention and speech errors: feature migration in time.* Paper presented at the 33rd Annual Meeting of the Cognitive Science Society, Boston, MA.
- Nozari, N.** & Schwartz, M.F. (2012, July). *Does fluency of speech depend on executive abilities?* Poster presented at the 7th International Workshop on Language Production, New York, NY.
- Nozari, N.** & Dell, G.S., (2012, October). *Who are the lexical-routers? An investigation into the nature of word repetition in aphasia*. Poster presentation, 50th Annual Meeting of the Academy of Aphasia, San Francisco, CA.
- Nozari, N.,** Schwartz, M.F., & Coslett, H.B. (2012, October). *Fluency of speech depends on executive abilities: evidence for two levels of conflict in speech production*. Poster presented at the 50th Annual Meeting of the Academy of Aphasia, San Francisco, CA.
- Nozari, N.** & Thompson-Schill, S.L. (2012, November). *What can you expect from boosting prefrontal cortex?*. Poster presented at the Psychonomic Society's 53rd Annual Meeting, Minneapolis, MN.
- Nozari, N.,** Arnold, J.E., & Thompson-Schill, S.L. (2013, March). *What does the left prefrontal cortex do for sentence production? Evidence from tDCS*. Poster presented at the 26th Annual CUNY Conference, Columbia, SC.
- Nozari, N.,** Woodard, K., & Thompson-Schill, S.L. (2013, April). *Cathodal tDCS: excitatory, inhibitory, or both?*. Poster presented at the CNS annual meeting, San Francisco, CA.
- Arnold, J.E., **Nozari, N.,** & Thompson-Schill, S.L. (2014, August). *Stimulation of Left Prefrontal Cortex Increases Discourse Connectedness and Reduced References*. Paper presented at RefNet workshop on psychological and computational models of reference comprehension and production, Edinburgh, UK.
- Nozari, N.** (2014, October). *Using Transcranial tDCS to test cognitive hypotheses*. In **N. Nozari** (Chair), Using Transcranial Direct Current Stimulation (tDCS) to study and treat aphasia. Symposium conducted at the 52nd Annual Meeting of the Academy of Aphasia. Miami, FL.
- Nozari, N.,** Mirman, D., & Thompson-Schill, S. L. (2014, October). *The role of the left ventrolateral prefrontal cortex in online sentence processing*. Paper presented in the 52nd Annual Meeting of the Academy of Aphasia.
- Middleton, E. L., Schwartz, M. F., Graziano, K., Brown, D, & **Nozari, N.** (2014, October). *Learning from your mistakes: The functional value of spontaneous error monitoring in aphasia*. Poster presented in the 52nd Annual Meeting of the Academy of Aphasia.
- Schwartz, M.F., Middleton, E.L., **Nozari, N.,** Brecher, A., Gagliardi, M., & Garvey, K. (2014, October). *A Paradigm for Investigating Executive Control Mechanisms in Word Retrieval in Language-Impaired and*

Neurotypical Speakers. Poster presented in the 52nd Annual Meeting of the Academy of Aphasia.

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

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

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

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

Nozari, N., Freund, M., Breining, B., Rapp, B., & Gordon, B. (2015, November). *Two types of cognitive control in word production*. Poster presented at the Psychonomic Society's 56th Annual Meeting, Chicago, IL.

Freund, M., Gordon, B., & **Nozari, N.** (2016, May). Regulation of language production by conflict-driven, domain-specific control. Poster presented at the 28th APS Annual Convention, Chicago, IL.

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

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

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

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

Nozari, N. & Faroqi-Shah, Y. (scheduled for 2016, October). How should we approach the study of fluency? A corpus analysis. Platform presentation at the 54th Annual Academy of Aphasia Meeting, Llundudno, Wales.

Akhavan, N., Goksun, T., & **Nozari, N.** (scheduled for 2016, October). Integrity and function of gestures in aphasia" was accepted for the Conference. Poster presentation at the 54th Annual Academy of Aphasia Meeting, Llundudno, Wales.

Trude, A., & **Nozari, N.** (scheduled for 2016, October). Cognitive costs of perspective-taking in an individual with nonfluent aphasia. Poster presentation at the 54th Annual Academy of Aphasia Meeting, Llundudno, Wales.

Freund, M., & **Nozari, N.** (scheduled for 2016, November). Online regulation of language production. Platform presentation at the Psychonomic Society's 57th Annual Meeting. Boston, MA.

2015-present. Supervising HASA (Hopkins Association for Stroke Awareness) volunteer students in an educational community outreach program which engages individuals with post-stroke aphasia in long-distance communication via video or phone. In addition to raising awareness on communication problems after stroke among university students, this programs aims to provide a free service to the individuals in the community who suffer from such communication difficulties to practice their communication skills without leaving their home.