

JARED M. NOVICK

CURRICULUM VITAE

Department of Hearing and Speech Sciences
Program in Neuroscience and Cognitive Science
University of Maryland
7251 Preinkert Drive
College Park, MD 20742
Email: jnovick1@umd.edu
Phone: 301.405.1288

EDUCATION

B.A., Brain and Cognitive Sciences, University of Rochester (1998)

A.M., Cognitive Psychology, University of Pennsylvania (2001)

Ph.D., Cognitive Psychology, University of Pennsylvania (2005)

CURRENT APPOINTMENTS

Associate Professor, Department of Hearing and Speech Sciences, Program in Neuroscience and Cognitive Science, University of Maryland

Associate Research Professor, Maryland Language Science Center

Director of Undergraduate Studies, Hearing and Speech Sciences

Co-Director, Undergraduate Honors Program in Hearing and Speech Sciences

Lead Faculty Fellow, University Honors

Admissions Director, Ph.D. Program in Neuroscience and Cognitive Science

Associate Director, Ph.D. Program in Neuroscience and Cognitive Science

PROFESSIONAL EXPERIENCE

Post-doctoral Associate, Department of Brain and Cognitive Sciences, Massachusetts Institute of Technology (2005 - 2007)

Assistant Research Scientist, Center for Advanced Study of Language, University of Maryland (2007 - 2011)

Associate Research Scientist, Center for Advanced Study of Language, University of Maryland (2011 - 2018)

Assistant Professor, Department of Hearing and Speech Sciences, Program in Neuroscience and Cognitive Science, University of Maryland (2014 - 2019)

Co-Director, Ph.D. Program in Hearing and Speech Sciences, University of Maryland (2014 - 2020)

HONORS AND AWARDS

Graduate, Phi Beta Kappa, Magna Cum Laude with Research Honors in Brain and Cognitive Sciences (1998)

National Science Foundation Graduate Research Fellowship, Honorable Mention (2000)

Voted one of 10 best talks, CUNY Human Sentence Processing Conference (2002)

Top Reviewer, *Brain and Language*, for exceptional contribution to journal quality (2009)

Nominee, Women in Cognitive Science Mentorship Award, “for scientists who have demonstrated sustained, effective mentorship of female students.” (2014)

Excellence in Teaching Award, College of Behavioral and Social Sciences, University of Maryland, “for faculty members who have made distinctive contributions to classroom instruction within the College. These individuals represent the finest examples of scholar-teachers.” (2018)

Nominee, Donna B. Hamilton Award for Excellence in Undergraduate Teaching in a General Education Course (2023)

Outstanding Contributions to the University Honors Program, Lead Faculty Fellow (2023)

PROFESSIONAL MEMBERSHIPS

Fellow of the Psychonomic Society
Association for Psychological Science
Society for the Neurobiology of Language
Cognitive Science Society

FUNDING

Current External Grants

National Science Foundation (LING & COG NEURO-2020932), 9/1/20-8/31/23

Title: Direct impacts of executive functions on language comprehension: Evidence from eye movements and electrophysiology

Total Direct Costs: \$775,204

PI: Novick

National Science Foundation (LING, DDRI), 7/15/22-8/1/23

Title: Knowledge and processing of morphosyntactic variation

Total Costs: \$6,999

PI: Novick (Co-PIs: Jan Edwards and Zachary Maher (PhD Student))

Completed External Grants

Office of Naval Research-N000141010605, 4/2010-4/2013

Title: Robust cognition through brain plasticity training

Direct Costs: \$749,233

Time Period: 04/2010 – 04/2013

PI: Dougherty; Co-PI: Novick

NIH / NICHD (F32 National Research Service Award), 10/1/14-9/30/17

Title: Dynamic behavioral and neural effects of cognitive control on language processing

Direct Costs: \$178,534

Role: Sponsoring Scientist and Co-PI (for Nina Hsu, Postdoc)

Completed Internal Grants

University of Maryland Dean’s Research Initiative, 6/4/13-6/30/14

Title: Recovering from the kindergarten path: Effects of cognitive training on children’s real-time language processing

Total Amount Awarded: \$20,000

PIs: Novick and Huang

The Graduate School, Univ. of MD., Research & Scholarship Award, 6/2017-8/2017

Title: Effects of cognitive control on children's language comprehension: Separating correlation from causation

Total Amount Awarded: \$9,000

PI: Novick

Completed Federal Contracts

U.S. Department of Defense, 9/1/07-2/19/10

Title: Effects of brain training on cognitive and language skills

Total Amount Awarded: \$882,110

PI: Bunting; Co-PI: Novick

U.S. Department of Defense, 2/19/10-1/10/14

Title: Cognitive and Working Memory Training

Total Amount Awarded: \$2,967,297

PI: Novick; Co-PI: Bunting

U.S. Department of Defense, 11/1/13-10/31/15

Title: Cognitive Readiness for Language Analysis

Total Amount Awarded: \$2,000,000

PI: Novick; Co-PIs: Haarmann and Kuchinsky

PUBLICATIONS

Edited Volume

Novick, J. M., Bunting, M. F., Dougherty, M. R., & Engle, R. (Eds.). (2019). *Cognitive and Working Memory Training: Perspectives from Psychology, Neuroscience, and Human Development*. Oxford University Press.

Peer-Reviewed Journals Articles (*graduate student/post-doc; ** undergraduate/post-bac)

1. Tagamets, M-A., **Novick, J. M.**, Chalmers, M. L., & Friedman, R. B. (2000). A parametric approach to orthographic processing in the brain: An fMRI study. *Journal of Cognitive Neuroscience*, 12(2), 1-17. DOI: 10.1162/089892900562101
2. **Novick, J. M.**, Kim, A. E., & Trueswell, J. C. (2003). Studying the grammatical aspects of word recognition: Lexical priming, parsing, and syntactic ambiguity resolution. *Journal of Psycholinguistic Research*, 32(1), 57-75. DOI: 10.1023/A:1021985032200
3. **Novick, J. M.**, Trueswell, J. C., & Thompson-Schill, S. L. (2005). Cognitive control and parsing: Re-examining the role of Broca's area in sentence comprehension. *Cognitive, Affective, and Behavioral Neuroscience*, 5(3), 263-281. DOI: 10.3758/CABN.5.3.263
4. **Novick, J. M.**, Thompson-Schill, S. L., & Trueswell, J. C. (2008). Putting lexical constraints in context into the visual-world paradigm. *Cognition*, 107(3), 850-903. DOI: 10.1016/j.cognition.2007.12.011
5. **Novick, J. M.**, Kan, I. P., Trueswell, J. C., & Thompson-Schill, S. L. (2009). A case for conflict across multiple domains: Memory and language impairments following damage to ventrolateral prefrontal cortex. *Cognitive Neuropsychology*, 26(6), 527-567. DOI: 10.1080/02643290903519367
6. **Novick, J. M.**, Trueswell, J. C., & Thompson-Schill, S. L. (2010). Broca's area and language processing: Evidence for the cognitive control connection. *Language and Linguistics Compass*, 4(10), 906-924. DOI: 10.1111/j.1749-818X.2010.00244.x

7. Chrysikou, E. G., **Novick, J. M.**, Trueswell, J. C., & Thompson-Schill, S. L. (2011). The other side of cognitive control: Can a lack of cognitive control benefit language and cognition? *Topics in Cognitive Science*, 3, 253-256. DOI: 10.1111/j.1756-8765.2011.01137.x
8. Hussey, E. K.* & **Novick, J. M.** (2012). The benefits of executive control training and the implications for language processing. *Frontiers in Psychology*, 3:158. DOI: 10.3389/fpsyg.2012.00158
9. Slevc, L. R., & **Novick, J. M.** (2013). Memory and cognitive control in an integrated theory of language processing. (Commentary on Pickering & Garrod, An integrated theory of language production and comprehension.) *Behavioral and Brain Sciences*, 36, 373-374. DOI: 10.1017/S0140525X12001495
10. Sprenger, A.*, Atkins, S. M.*, Bolger, D. J., Harbison, J. I., **Novick, J. M.**, Chrabaszcz, J.*, Weems, S. A., Smith, V.**, Bobb, S**, Bunting, M. F., & Dougherty, M. R. (2013). Training working memory: Limits of transfer. *Intelligence*, 41, 638-663. DOI: 10.1016/j.intell.2013.07.013
11. Kan, I. P., Teubner-Rhodes, S.*, Nutile, L.*, Drummey, A. B.*, Krupa, L.**, & **Novick, J. M.** (2013). To adapt or not to adapt: The question of domain-general cognitive control. *Cognition*, 129(3), 637-651. DOI: 10.1016/j.cognition.2013.09.001
12. **Novick, J. M.**, Hussey, E.*, Teubner-Rhodes, S.*, Harbison, J. I., & Bunting, M. F. (2014). Clearing the garden-path: Improving sentence processing through cognitive control training. *Language, Cognition, and Neuroscience*, 29(2), 186-217. DOI: 10.1080/01690965.2012.758297
13. Hsu, N. S.*, **Novick, J. M.**, & Jaeggi, S. M. (2014). The development and malleability of executive control abilities. *Frontiers in Behavioral Neuroscience*. 8:221. DOI: 10.3389/fnbeh.2014.00221
14. Hsu, N. S.* & **Novick, J. M.** (2016). Dynamic engagement of cognitive control modulates recovery from misinterpretation during language processing. *Psychological Science*, 27(4), 572-582. DOI: 10.1177/0956797615625223
15. Teubner-Rhodes, S. E.*, Mishler, A.**, Corbett, R.**, Barrachina, L. A., Sanz-Torrent, M., Trueswell, J. C., & **Novick, J. M.** (2016). The effects of bilingualism on conflict monitoring, cognitive control, and garden-path recovery. *Cognition*, 150, 213-231. DOI: 10.1016/j.cognition.2016.02.011
16. Hussey, E.*, Harbison, J. I., Teubner-Rhodes, S. E.*, Mishler, A.**, Veloskey, K.**, & **Novick, J. M.** (2017). Memory and language improvements following cognitive control training. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 43(1), 23-58. DOI: 10.1037/xlm0000283
17. Mallikarjun, A.*, Newman, R. S., & **Novick, J. M.** (2017). Exploiting the interconnected lexicon: Bootstrapping English language learning in young Spanish speakers. *Translational Issues in Psychological Science*, 3(1), 34-47. DOI: 10.1037/tps0000105
18. Hsu, N. S.*, Jaeggi, S. M., & **Novick, J. M.** (2017). A common neural hub resolves syntactic and non-syntactic conflict through cooperation with task-specific networks. *Brain and Language*, 166, 63-77. DOI: 10.1016/j.bandl.2016.12.006
19. Nozari, N., & **Novick, J. M.** (2017). Conflict monitoring and control in language production. *Current Directions in Psychological Science*, 26(5), 403-410. DOI: 10.1177/0963721417702419
20. Thothathiri, M., Hsu, N.*, Asaro, C.*, & **Novick, J. M.** (2018). *Who did what?* A causal role for cognitive control in thematic role assignment. *Cognition*, 178, 162-177. DOI: 10.1016/j.cognition.2018.05.014

21. Teubner-Rhodes, S. E.*, Bolger, D. J., & **Novick, J. M.** (2019). Conflict monitoring and detection in the bilingual brain. *Bilingualism: Language and Cognition*, 22(2), 228-252. DOI: 10.1017/S1366728917000670
22. Ogg, M.*, Okada, B.*, **Novick, J. M.**, & Slevc, L. R. (2019). Updating musical tonal structure in working memory engages cognitive control. *Auditory Perception & Cognition*, 2(1), 21-46.
23. Adler, R. M.*, Valdés Kroff, J. R., & **Novick, J. M.** (2020). Does integrating a code-switch during comprehension engage cognitive control? *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 46(4), 741–759.
24. Hsu, N. S.*, Kuchinsky, S. E., & **Novick, J. M.** (2021). Direct impact of cognitive control on sentence processing and comprehension. *Language, Cognition, and Neuroscience*, 36(2), 211-239. <https://doi.org/10.1080/23273798.2020.1836379>
25. Salig, L.*, Valdés Kroff, J. R., Slevc, L. R., & **Novick, J. M.** (2021). Moving from bilingual traits to states: Understanding cognition and language processing through moment-to-moment variation. *Neurobiology of Language*. https://doi.org/10.1162/nol_a_00046
26. Ovans, Z.*, Hsu, N. S.*, Bell-Souder, D.*, Gilley, P., **Novick, J. M.**, & Kim, A. E. (2022). Cognitive control states influence real-time sentence processing as reflected in the P600 ERP. *Language, Cognition, and Neuroscience*, 37(8), 939-947. DOI: 10.1080/23273798.2022.2026422
27. Salig, L.*, Valdés Kroff, J. R., Slevc, L. R., & **Novick, J. M.** (in press). Linking frequency to bilingual switch costs during real-time sentence comprehension. *Bilingualism: Language and Cognition*.

Manuscripts Currently Under Review

1. Ness, T.*, Langlois, V.*, Kim, A. E., & **Novick, J. M.** (submitted). The state of cognitive control in language processing. *Perspectives on Psychological Science*.
2. Ness, T.*, Langlois, V.*, **Novick, J. M.**, & Kim, A. E. (submitted). Theta-band neural oscillations reflect cognitive control during language processing. *Journal of Experimental Psychology: General*.
3. Salig, L.*, Valdés Kroff, J. R., Slevc, L. R., & **Novick, J. M.** (submitted). Hearing a code-switch increases bilinguals' attention to and memory for information. *Cognition*.

Manuscripts in Preparation

1. Adler, R.*, Salig, L.*, **Novick, J. M.**, & Huang, Y. (in preparation). Context integration during real-time comprehension of verbal irony.
2. Ovans, Z.*, Hsu, N.*, Leonard, E.***, Kowalski, A.*, & **Novick, J.M.**, & Huang, Y. T. (in preparation). Language comprehension under states of increased control: Separating correlation from causation on the kindergarten path.
3. Ovans, Z.*, **Novick, J. M.**, & Huang, Y. (in preparation). Virtual-World eye-tracking: The efficacy of replicating word and sentence processing effects remotely.
4. Ovans, Z.*, **Novick, J. M.**, & Huang, Y. (in preparation). Rely on what's reliable: Effects of cognitive-control engagement on children's sentence comprehension.

Published Refereed Conference Proceedings

1. Hanna, J. E., Trueswell, J. C., Tanenhaus, M. K., & **Novick, J. M.** (1997). Consulting common ground during referential interpretation. In M.G. Shafto & P. Langley (Eds.), Palo Alto, CA. Hillsdale, NJ: Erlbaum.
2. Arnold, J. E., **Novick, J. M.**, Brown-Schmidt, S., Eisenband, J. G., & Trueswell, J. C. (2001). Knowing the difference between girls and boys: The use of gender during on-line pronoun comprehension in young children. In Do, A.H., Dominguez, L., & Johansen, A. (Eds.). Proceedings of the 25th Boston University Conference on Language Development, Vols 1 & 2. Somerville, MA: Cascadilla Press, 59-69.
3. Adler, R. M.*, **Novick, J. M.**, and Huang, Y. (2016). The time course of verbal irony comprehension and context integration. In: Fabienne Salfner and Uli Sauerland (Eds.), Proceedings of Trends in Experimental Pragmatics, XPRAG.de, Berlin, Germany, pp. 1–9.

Published Articles in Non-Refereed Trade Journals

1. Haarmann, H. J. & Novick, J. M. (2009). Thinking out of the box through cognitive neuroscience. *The Next Wave: Review of Emerging Technologies*, 18(1), 14-19.
2. Novick, J. M., Bunting, M. F., Dougherty, M. R., Harbison, J. I., & Weems, S. A. (2009). A working memory workout for language practitioners. *The Next Wave: Review of Emerging Technologies*, 18(1), 6-13.

INVITED TALKS

Colloquia

1. The role of the LIFG and cognitive control in sentence comprehension. Psychology Department, Rice University, May 2005.
2. Taking a glance at sentence processing: Comparing eye-movements in healthy adults and patients with damage to Broca's area. Psychology Department, Swarthmore College, December 2006.
3. Cognitive control and parsing: A new view of Broca's area? Psychology Department, Skidmore College, February 2007.
4. A peek at parsing in patients: Eye-movements in healthy adults, patients with brain lesions, and frogs. University of Maryland, Center for Advanced Study of Language, April 2007.
5. Taking a glance at sentence processing: Eye-movement evidence from healthy adults, patients with brain lesions, and frogs. Department of Neuroscience & Center for Aphasia Research, Georgetown University, October 2008.
6. A peek at parsing in patients: Broca's area, language processing, and the cognitive-control connection. Language Science IGERT Winter Storm Colloquium, University of Maryland, College Park, January 2010.
7. Broca's area, language processing, and working-memory training: Evidence for the cognitive-control connection. Department of Basic Psychology, University of Barcelona, Spain, May 2011.
8. Broca's area and language processing: Evidence for the cognitive-control connection. Department of Hearing and Speech Sciences, University of Maryland, College Park, April 2012.
9. Cognitive-control and language processing: Causal evidence from monolinguals and bilinguals. Language Science IGERT Winter Storm Colloquium, University of Maryland, College Park, January 2014.

10. Broca's area, language processing, and the benefits of cognitive control training. Psychology Department, Villanova University, March 2014.
11. Cognitive control and language processing: Evidence for a causal connection. Department of Human Development and Quantitative Methodology, University of Maryland, College Park, May 2016.
12. Tending the garden-path: How cognitive-control engagement facilitates real-time sentence revision. Departments of Linguistics and Psychology, University of Pennsylvania, Philadelphia, PA, October 2017.
13. Direct impact of cognitive control on sentence processing and comprehension: The importance of cognitive states vs. traits. Language and Brain Interest Group, University of Florida, Gainesville, FL, October 2020 (via Zoom).
14. Direct impact of cognitive control on sentence processing and comprehension: The importance of cognitive states vs. traits. Linguistics Colloquium, University College London, University of Cambridge, and University of Edinburgh, May 2021 (via Zoom).
15. Moving from bilingual traits to states: Comparing two approaches to bilingualism and cognition. Psycholinguistics Group, UiT the Arctic University of Norway, October 2021 (with Lauren Salig and Jorge Valdés Kroff, via Zoom).
16. Cognitive control as a biasing mechanism and its influence on sentence processing. Modal & Amodal Cognition Research Unit, University of Tübingen, December 2021 (via Zoom).

Symposia

1. **Novick, J. M.**, Trueswell, J. C., & Thompson-Schill, S. L. (November, 2004). Using Eye-Tracking to Study Spoken Language Processing: Theoretical and Clinical Implications. Symposium at the Convention for the American Speech-Language Hearing Association, Philadelphia, PA.
2. Trueswell, J. C., **Novick, J. M.**, & Choi, Y. (October, 2009). The role of cognitive control in the development of children's sentence parsing abilities. Special symposium on the interplay between language development and cognitive control processes, Cognitive Developmental Society, VI Biennial Meeting, San Antonio, TX.
3. **Novick, J. M.**, Teubner-Rhodes, S.*, Hussey, E.*, Thompson-Schill, S. L., & Trueswell, J. C. (November, 2013). The bilingual advantage in cognitive control and parsing: Can we train monolinguals to achieve similar benefits? Symposium on Experience-Induced Plasticity: Evidence from Bilingualism, 54th Annual Meeting of the Psychonomic Society, Toronto, Canada.
4. Kan, I. P., Teubner-Rhodes, S. *, Drummey, A. B. *, & **Novick, J. M.** (May, 2014). To adapt or not to adapt: The question of domain-general cognitive control. Symposium on Bounded Generality of Cognitive Control: Congruence-Sequence Effects across Stimulus, Response, and Task Dimensions, Association for Psychological Science, San Francisco, CA.
5. **Novick, J. M.**, Hsu, N.*, Hussey, E.*, Teubner-Rhodes, S.*, & Kan, I. P. (May, 2016). Cognitive control and language processing: Evidence for a causal connection. Symposium on Cognitive control and language processing in bilinguals and monolinguals, International Meeting of the Psychonomic Society, Grenada, Spain.
6. **Novick, J.M.** (May, 2018). Effects of cognitive control on real-time sentence comprehension. Symposium on Mechanisms and Boundaries of Cognitive Control, Association for Psychological Science, San Francisco, CA.

Other Invited Talks and Seminars

1. What do eye movements tell us about spoken language comprehension? Institute for Research in Cognitive Science Undergraduate Summer Workshop, University of Pennsylvania, August 2003.
2. Broca's area and the role of selectional processes in language comprehension. National Science Foundation Review Committee for Science of Learning, Piscataway, NJ, February 2004.
3. Eye-tracking as a window to understanding language understanding. Institute for Research in Cognitive Science, University of Pennsylvania, Philadelphia, PA, June 2004.
4. Cognitive control and the role of Broca's area in sentence processing: Patient studies and individual differences among healthy adults. Cognitive and Affective Neuroscience Group, Department of Brain & Cognitive Sciences, Massachusetts Institute of Technology, August 2005.
5. Conflict resolution and adaptation in language comprehension: Reaching out to the psychometric sciences. Division of Research & Development, Educational Testing Service, June 2006.
6. A peek at parsing in patients: Broca's area, language processing, and the cognitive-control connection. Department of Psychology, Cognitive Neuroscience Group, Villanova University, February 2010.
7. Broca's area, language processing, and the benefits of cognitive-control training. Annual Learning & the Brain Conference on Executive Skills for School Success: Enhancing Self-Regulation, Reasoning, and Working Memory, Arlington, VA, May 2013.
8. The state of cognitive control in language processing. Bilingualism, Mind, & Brain Group, University of California, Irvine, February 2022.
9. Effects of cognitive control on real-time language comprehension. PULSAR Undergraduate Program, Language Science Center, University of Maryland, May 2023.

PRESENTATIONS

Refereed Talks at Conferences

1. Hanna, J. E., Trueswell, J. C., Tanenhaus, M. K., & **Novick, J. M.** (March, 1998). Consulting common ground during referential interpretation. Paper presented at the Eleventh Annual CUNY Conference on Human Sentence Processing, Rutgers University, New Brunswick, NJ.
2. Arnold, J., **Novick, J. M.**, Brown-Schmidt, S., Eisenband, J., & Trueswell, J. C. (November, 2000). Knowing the difference between girls and boys: The use of gender during on-line pronoun comprehension in young children. Paper presented at the Boston University Conference on Language Development, Boston, MA.
3. Kim, A. E., Trueswell, J. C., & **Novick, J. M.** (March, 2000). Fast priming of lexical argument structure in nouns and verbs. Paper presented at the Thirteenth Annual CUNY Conference on Human Sentence Processing, La Jolla, CA.
4. **Novick, J. M.** & Trueswell, J. C. (September, 2001). Nipping spoken garden-paths in the bud: Lexical priming of argument structure during auditory language comprehension. Due to the events of 9/11 the prior week, I declined to present a paper at the Seventh Annual Conference on Architectures and Mechanisms for Language Processing, Saarbrücken, Germany. (Abstract appears in conference proceedings.)

5. **Novick, J. M.** & Trueswell, J. C. (November, 2001). Nipping spoken garden-paths in the bud: Lexical priming of argument structure during auditory language comprehension. Paper presented at the 42nd Annual Meeting of the Psychonomic Society, Orlando, FL.
6. **Novick, J. M.** & Trueswell, J. C. (March, 2002). Nipping spoken garden-paths in the bud: Lexical priming of argument structure during auditory language comprehension. Paper presented at the Fifteenth Annual CUNY Conference on Human Sentence Processing, New York, NY.
7. **Novick, J. M.**, Trueswell, J. C., January, D., & Thompson-Schill, S. L. (September, 2004). The role of conflict resolution in parsing: Individual differences in syntactic ambiguity resolution and executive control. Paper presented at the Tenth Annual Conference on Architectures and Mechanisms for Language Processing, Aix-en Provence, France.
8. Trueswell, J. C., Gleitman, L. R., **Novick, J. M.**, Choi, Y., & January, D. (November, 2004). Referential scene contributions to structure, revisited. Paper presented at the Boston University Conference on Language Development, Boston, MA.
9. Hussey, E. K.*, Teubner-Rhodes, S.*, Dougherty, M. R., Bunting, M. F., & **Novick, J. M.** (September, 2010). Improving garden-path recovery through cognitive control training. Paper presented at the Sixteenth Annual Conference on Architectures and Mechanisms for Language Processing, York, England.
10. Haarmann, H. J., Grunewald, K.** & **Novick, J. M.** (November, 2010). Activation dynamics of creative intuition. Paper presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.
11. Hussey, E. K.*, Teubner-Rhodes, S.*, Dougherty, M. R., Bunting, M. F., & **Novick, J. M.** (November, 2010). Training executive control functions improves garden-path recovery. Paper presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.
12. Hussey, E. K.*, Teubner-Rhodes, S.*, Dougherty, M. R., Bunting, M. F., & **Novick, J. M.** (August, 2011). Clearing the garden-path: Improving sentence processing through executive control training. Paper presented at the International Workshop of Cognitive and Working Memory Training, College Park, MD.
13. Teubner-Rhodes, S. E.*, Mishler, A.** & **Novick, J. M.** (September, 2011). The bilingual advantage: Conflict monitoring, cognitive control, and garden-path recovery. Paper presented at the Seventeenth Annual Conference on Architectures and Mechanisms for Language Processing, Paris, France.
14. Nutile, L.*, Teubner-Rhodes, S.*, Drummey, A. B.*, Krupa, L.** & **Novick, J. M.**, & Kan, I. P. (November, 2011). Conflict adaptation across tasks: Evidence for domain-general cognitive control. Paper presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA.
15. Hussey, E.*, Harbison, J. I., Mishler, A.** & **Novick, J. M.** (March, 2013). Trainability and transferability of interference resolution skills to parsing and non-parsing domains. Paper presented at the 26th Annual CUNY Conference on Human Sentence Processing, Columbia, SC.
16. Hsu, N.* & **Novick, J. M.** (March, 2015). Dynamic engagement of cognitive control facilitates recovery from misinterpretation. Paper presented at the 28th Annual CUNY Conference on Human Sentence Processing, Los Angeles, CA.
17. Hsu, N.* & **Novick, J. M.** (November, 2015). Real-time engagement of cognitive control modulates recovery from misinterpretation during spoken language comprehension. Paper presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL. **Winner of Select Speaker Award.**

18. Adler, R.*, **Novick, J. M.**, & Huang, Y. (January, 2016). The time course of verbal irony comprehension and context integration. Talk presented at Trends in Experimental Pragmatics, Berlin, Germany.
19. Huang, Y., Hsu, N.*, Gerard, J.*, Kowalski, A.*, & **Novick, J. M.** (November, 2016). Cognitive-control effects on the kindergarten path: Separating correlation from causation. Paper presented at the 41st Boston University Conference on Language Development, Boston, MA.
20. Adler, R.*, Valdes-Kroff, J., & **Novick, J. M.** (June, 2017). Does code switching engage cognitive control? Talk presented at the 11th Annual International Symposium of Bilingualism, Limerick, Ireland.
21. Adler, R.*, **Novick, J. M.**, & Huang, Y. (March, 2018). Context, conflict, and the time course of interpreting irony. Paper presented at 31st Annual CUNY Conference on Human Sentence Processing, Davis, CA.
22. Ovans, Z.*, **Novick, J.M.**, & Huang, Y. (November, 2020). Engaging cognitive control helps children ignore unreliable sentence processing cues. Paper presented at the 45th Boston University Conference on Language Development, Boston, MA (virtual).
23. Ovans, Z.*, **Novick, J.M.**, & Huang, Y. (March, 2021). Virtual-World eye-tracking: The efficacy of replicating word processing effects remotely. Short talk presented at the 34th Annual CUNY Conference on Human Sentence Processing, Philadelphia, PA (virtual).
24. Salig, L.*, Valdés Kroff, J.R., Slevc, L.R., & **Novick, J.M.** (May, 2021). Investigating the role of cognitive control during code-switched language comprehension. Paper presented at the 7th Annual Symposium on Language Research, UC Davis (virtual).
25. Maher, Z.*, Edwards, J.R., & **Novick, J.M.** (September, 2021). Dialect differences in the comprehension of agreement in U.S. varieties of English. Short talk presented at the Annual Architectures and Mechanisms for Language Processing Conference, Paris, France (virtual).
26. Ovans, Z.*, Huang, Y., **Novick, J. M.** (November, 2022). Cognitive-control engagement increases children's reliance on reliable cues during sentence processing. Talk presented at the 63rd Annual Meeting of the Psychonomic Society, Boston, MA.
27. Ness, T.*, Langlois, V.*, Chow, W., Phillips, C., **Novick, J. M.**, & Kim, A. E. (November, 2022). Cognitive control in thematic role assignment: Evidence from neural oscillations. Talk presented at the 63rd Annual Meeting of the Psychonomic Society, Boston, MA.
28. Maher, Z.*, Edwards, J.R., & **Novick, J.M.** (January, 2023). Knowledge of variation in subject-verb agreement in speakers of Mainstream American English. Talk presented at the Annual Meeting of the American Dialect Society, Denver, CO.
29. Ness, T.*, Langlois, V.*, **Novick, J. M.**, & Kim, A. E. (February, 2023). Cognitive control in language processing: Evidence from neural oscillations. Talk presented at the 10th Israeli Conference on Cognition Research, Akko, Israel.
30. Maher, Z.*, Edwards, J., **Novick, J.M.** (March, 2023). They know who speak this way: Knowledge of variation in listeners with different experiences of African American Language. Plenary presentation (talk) presented at the 36th Annual Conference on Human Sentence Processing, Pittsburgh, PA. (*Honorable Mention, Gibson-Fedorenko Prize for best paper*)

Refereed Posters at Conferences

1. Hanna, J. E., Trueswell, J. C., Tanenhaus, M. K., & **Novick, J. M.** (August, 1997). Consulting Common Ground During Referential Interpretation. Poster presented at the 19th Annual Conference of the Cognitive Science Society, Palo Alto, CA.
2. Palumbo, D., **Novick, J. M.**, Schifitto, G., & McDermott, M. (March, 1998). Neuropsychological screening in an HIV+ patient population: correlations to neurologic measures and CD4 count. Poster presented at the American Neuropsychiatric Association, Honolulu, HI.
3. Arnold, J., Brown-Schmidt, S., **Novick, J. M.**, & Trueswell, J. C. (March, 2001). Rely on What's Reliable: Children's Use of Gender and Order-of-Mention in Pronoun Comprehension. Poster presented at the Fourteenth Annual CUNY Conference on Human Sentence Processing, Philadelphia, PA.
4. **Novick, J. M.**, January, D., Trueswell, J. C., & Thompson-Schill, S. L. (March, 2004). Prefrontal cortex and the role of selectional processes in language comprehension: Frogs, napkins, and Broca's area. Poster presented at the Seventeenth Annual CUNY Conference on Human Sentence Processing, College Park, MD.
5. **Novick, J. M.**, Trueswell, J. C., January, D., & Thompson-Schill, S. L. (November, 2004). Garden-path recovery and cognitive control: the role of conflict resolution in parsing. Poster presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN.
6. Haarmann, H. J., George, T. G., Smaliy, A., Grunewald, K., & **Novick, J. M.** (March, 2009). Alpha neurofeedback training and its implications for studies of cognitive creativity. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.
7. Thothathiri, M., **Novick, J. M.**, Thompson, T., Gibson, E., & Gabrieli, J. D. E. (June, 2009). Selective fMRI activation in Broca's area for syntactic conflict during sentence processing. Poster presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
8. **Novick, J. M.**, Thothathiri, M., Thompson, T., Gibson, E., & Gabrieli, J. D. E. (September, 2009). Selective fMRI activation in Broca's area for syntactic conflict (but not ambiguity) during sentence processing. Poster presented at the annual conference on Architectures and Mechanisms for Language Processing, Barcelona, Spain.
9. Hussey, E. K.*, Teubner-Rhodes, S.*, Dougherty, M. R., & **Novick, J. M.** (November, 2009). The effect of affect on cognitive control and sentence processing. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.
10. Harbison, J. I., Atkins, S. M.*, Dougherty, M. R., Bunting, M. F., **Novick, J. M.**, Weems, S. A., Hussey, E. K., & Teubner-Rhodes, S. (November, 2009). Performance gains in an adaptive n-back working memory training task. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA, 2009.
11. **Novick, J. M.**, Smaliy, A.***, Clausner, T., & Haarmann, H. J. (November, 2009). Sensitivity of lexical-semantic competition to accumulation of shared meaning. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA, 2009.
12. Hussey, E.*, Teubner-Rhodes, S.*, Dougherty, M., & **Novick, J. M.** (March, 2010). Parsing under pressure: The effects of performance pressure on cognitive control and syntactic ambiguity resolution. Poster presented at the 23rd Annual CUNY Conference on Human Sentence Processing, New York.
13. Haarmann, H. J., George, T.***, Dien, J., Chrabaszcz, J.*, Smaliy, A., Freynik, S. *, & **Novick, J. M.** (April, 2010). Creative cognition benefits from incubation with neurofeedback. Poster presented at the Cognitive Neuroscience Society Annual Meeting, Montreal, Canada.

14. Atkins, S. M.*, Dougherty, M. R., Harbison, J. I., **Novick, J. M.**, & Bunting, M. F. (November, 2010). Persistence and transferability of working memory training over time. Poster presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.
15. Hussey, E. K.*, Teubner-Rhodes, S.*, Dougherty, M. R., Bunting, M. F., & **Novick, J. M.** (February, 2011). Improving sentence comprehension through cognitive training. Poster presented at the Annual Meeting of the American Association for the Advancement of Science, Washington, DC.
16. Hussey, E. K.*, Teubner-Rhodes, S.*, Dougherty, M. R., Bunting, M. F., & **Novick, J. M.** (March, 2011). Improving garden-path recovery through cognitive control training. Poster presented at the 24th Annual CUNY Conference on Human Sentence Processing, Palo Alto, CA.
17. Nutile, L.*, Teubner-Rhodes, S.*, Drummey, A. B.*, Krupa, L.***, **Novick, J. M.**, & Kan, I. P. (June, 2011). Conflict adaptation across tasks: Evidence for domain-general cognitive control. Poster presented at the annual meeting of the Association for Psychological Science, Washington, DC.
18. Teubner-Rhodes, S. E.*, Mishler, A.***, Corbett, R.***, Barrachina, L. A., Sanz-Torrent, M., Trueswell, J. C., & **Novick, JM** (March, 2012). The bilingual advantage: Conflict monitoring, cognitive control, and garden-path recovery. Poster presented at the 25th Annual CUNY Conference on Human Sentence Processing, New York, NY.
19. Teubner-Rhodes, S. E.*, Kan, I. P., Drummey, A.*, & **Novick, J. M.** (September, 2012). Sentence processing engages domain-general cognitive control: Evidence from cross-task conflict adaptation. Poster presented at the Eighteenth Annual Conference on Architectures and Mechanisms for Language Processing, Riva del Garda, Italy.
20. Blok, S., Grunewald, K.***, Freynik, S.*, **Novick, J. M.**, & Haarmann, H. J. (November, 2012). Creative ideation under pressure. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.
21. Hussey, E.*, Harbison, J. I., Mishler, A.***, Teubner-Rhodes, S. E.*, & **Novick, J. M.** (November, 2012). Trainability and (selective) transferability of interference resolution skills. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.
22. Teubner-Rhodes, S. E.*, Bolger, D. J., & **Novick, J. M.** (November, 2012). Conflict resolution processes are mediated by stimulus presentation rate and language experience. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.
23. Teubner-Rhodes, S. E.*, Bolger, D. J., & **Novick, J. M.** (November, 2013). The bilingual advantage and conflict adaptation: An fMRI investigation. Poster presented at the Annual Meeting of the Society for the Neurobiology of Language, San Diego, CA.
24. Hsu, N.*, Jaeggi, S., & **Novick, J. M.** (November, 2013). A common neural basis for syntactic and non-syntactic conflict-control. Poster presented at the Annual Meeting of the Society for the Neurobiology of Language, San Diego, CA.
25. Hussey, E.*, Velnoskey, K.***, Harbison, J. I., Mishler, A.***, Teubner-Rhodes, S. E.*, & **Novick, J. M.** (November, 2013). Memory and language improvements following cognitive control training. Poster presented at the 54th Annual Meeting of the Psychonomic Society, Toronto, ON.
26. Hsu, N.*, Jaeggi, S., & **Novick, J. M.** (March, 2014). A common neural basis for syntactic and non-syntactic conflict-control. Poster presented at the 27th Annual CUNY Conference on Human Sentence Processing, Columbus, OH.

27. Hsu, N.*, Jaeggi, S., & **Novick, J. M.** (November, 2014). A common neural basis for syntactic and non-syntactic conflict-control. Poster presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.
28. Teubner-Rhodes, S. E.*, Bolger, D. J., & **Novick, J. M.** (November, 2014). The bilingual advantage and conflict adaptation: An fMRI investigation. Poster presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.
29. Mallikarjun, A. *, **Novick, J. M.**, & Newman, R. (November, 2015). Online processing of lexical tone by second language learners of Mandarin. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL.
30. Hsu, N.*, Thomas, A.** , & **Novick, J. M.** (March, 2016). Does visual cognitive control engagement help listeners tidy up the garden-path? Poster presented at the 29th Annual CUNY Conference on Human Sentence Processing, Gainesville, FL.
31. Adler, R. *, **Novick, J. M.**, & Huang, Y. (March, 2016). Understanding contextual effects during the real-time comprehension of verbal irony. Poster presented at the 29th Annual CUNY Conference on Human Sentence Processing, Gainesville, FL.
32. Huang, Y., Gerard, J.* , Hsu, N.* , Kowalski, A.* , & **Novick, J. M.** (March, 2016). Cognitive-control effects on the kindergarten-path: Separating correlation from causation. Poster presented at the 29th Annual CUNY Conference on Human Sentence Processing, Gainesville, FL.
33. Hsu N. S.* , Jaeggi S. M., **Novick J. M.** (August, 2016). A common neural hub resolves syntactic and non-syntactic conflict through cooperation with task-specific networks. Poster presented at the Annual Meeting of the Society for the Neurobiology of Language, London, England.
34. Adler, R.* , Valdes-Kroff, J., & **Novick, J. M.** (November, 2016). The adjustment of bilinguals' cognitive control in code-switching environments. Poster presented at the Annual Meeting of the Psychonomic Society, Boston, MA.
35. Hsu, N. S.* , Kuchinsky, S. E., Thomas A., **Novick, J. M.** (November, 2016). Cognitive control engagement from a nonlinguistic source can ease processing along the garden path. Poster presented at the Annual Meeting of the Psychonomic Society, Boston, Massachusetts.
36. Adler, R.* , **Novick, J. M.**, & Huang, Y. (February, 2017). Understanding the time course of context integration in verbal irony. Poster presented at the CSLI Meeting on "Bridging computational and psycholinguistic approaches to the study of meaning", Stanford, CA.
37. Huang, Y., Hsu, N.* , Gerard, J.* , Leonard, E.** , Kowalski, A.* , & **Novick, J.M.** (March, 2017). Syntactic parsing with limited control: Effects on the kindergarten path. Poster presented at the 30th Annual CUNY Conference on Human Sentence Processing, Boston, MA.
38. Ogg, M.* , Okada, B.* , **Novick, J.M.**, & Slevc, L. (July, 2017). Musical processing relies on cognitive control. Poster presented at Society for Music Perception and Cognition Meeting, San Diego, CA.
39. **Novick, J.M.**, Hsu, N.* , & Kim, A.E. (November, 2017). Dynamic cognitive control engagement modulates conflict resolution during real-time language processing: An ERP study. Poster presented at the 58th Annual Meeting of the Psychonomic Society, Vancouver, BC.
40. **Novick, J.M.**, Hsu, N.* , & Kim, A.E. (March, 2018). P600 vs. N400 indicators of comprehension: Dynamic effects of cognitive-control engagement on real-time parsing. Poster presented at 31st Annual CUNY Conference on Human Sentence Processing, Davis, CA.

41. Ovans, Z.*, **Novick, J.M.**, & Huang, Y. (March, 2018). Better to be reliable than early: Cognitive-control effects on developmental parsing. Poster presented at 31st Annual CUNY Conference on Human Sentence Processing, Davis, CA.
42. Ovans, Z.*, **Novick, J.M.**, & Huang, Y. (November, 2018). Rely on what's reliable: Effects of cognitive-control engagement on children's sentence comprehension. Poster presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA.
43. Ovans, Z.*, **Novick, J.M.**, & Huang, Y. (November, 2018). Better to be reliable than early: Cognitive-control effects on developmental parsing. Poster presented at 43rd Boston University Conference on Language Development, Boston, MA.
44. Hsu, N.S.*, Kuchinsky, S., & **Novick, J. M.** (March, 2019). A causal influence of domain-general cognitive control on sentence comprehension. Poster presented at the 32nd Annual CUNY Conference on Human Sentence Processing, Boulder, CO.
45. Ovans, Z.*, **Novick, J.M.**, & Kim, A.E. (November, 2019). The P600 reflects cognitive control's influence on real-time sentence processing. Poster presented at the 60th Annual Meeting of the Psychonomic Society, Montréal, Quebec.
46. Ovans, Z.*, **Novick, J.M.**, & Huang, Y. (March, 2020). Engaging cognitive control helps children ignore unreliable sentence processing cues. Poster presented at the 33rd Annual CUNY Conference on Human Sentence Processing, Amherst, MA (virtual).
47. Ovans, Z.*, Huang, Y., & **Novick, J.M.** (November, 2020). Cognitive-control engagement helps listeners use reliable cues to sentence interpretation. Poster presented at the 61st Annual Meeting of the Psychonomic Society, Austin, Texas (virtual).
48. Salig, L.*, Valdés Kroff, J., Slevc, L.R., & **Novick, J.M.** (July, 2021). Investigating the role of cognitive control in code-switch comprehension. Poster presented at the 13th International Symposium on Bilingualism, Warsaw, Poland (virtual).
49. Salig, L.*, Valdés Kroff, J., Slevc, L.R., & **Novick, J.M.** (November, 2021). Linking processing costs to distributional patterns of bilingual code-switching. Poster presented at the 62nd Annual Meeting of the Psychonomic Society, New Orleans, LA (virtual).
50. Maher, Z.*, Edwards, J., & **Novick, J.M.** (November, 2021). Comprehenders reduce their reliance on subject-verb agreement when interpreting a less-familiar dialect. Poster presented at the 62nd Annual Meeting of the Psychonomic Society, New Orleans, LA (virtual).
51. Ovans, Z.*, Huang, Y., & **Novick, J.M.** (March, 2022). Virtual-World eye-tracking: Replicating sentence processing effects remotely. Poster presented at the 34th Annual Human Sentence Processing Conference, Santa Cruz, CA (virtual).
52. Ness, T.*, Langlois, V.*, Chow, W., Phillips, C., **Novick, J.M.**, & Kim, A.E. (October, 2022). Cognitive control in thematic role assignment: Evidence from neural oscillations. Poster presented at the Society for the Neurobiology of Language Annual Meeting, Philadelphia, PA.
53. Salig, L.*, Valdés Kroff, J., **Novick, J.M.**, & Slevc, L.R., (November, 2022). Linking processing costs to distributional patterns of bilingual code-switching. Poster presented at the 63rd Annual Meeting of the Psychonomic Society, Boston, MA.
54. Maher, Z.*, Edwards, J., & **Novick, J.M.** (November, 2022). They was Giving Accurate Judgments: Speakers of Mainstream American English Show Partial Knowledge of Non-Mainstream Grammar. Poster presented at the 63rd Annual Meeting of the Psychonomic Society, Boston, MA.

55. Ness, T.*, Langlois, V.*, **Novick, J.M.**, & Kim, A.E. (March, 2023). Sustained cognitive control affects sentence processing: Evidence from neural oscillations. Poster presented at the 35th Annual Human Sentence Processing Conference, Pittsburgh, PA.
56. Langlois, V.*, Ness, T.*, **Novick, J.M.**, & Kim, A.E. (March, 2023). Theta-band oscillatory activity as a marker of cognitive control in language processing. Poster presented at the 35th Annual Human Sentence Processing Conference, Pittsburgh, PA.
57. Langlois, V.*, Ness, T.*, Kim, A.E., & **Novick, J.M.** (March, 2023). Using webcam eye-tracking to replicate subtle sentence processing effects. Poster presented at the 35th Annual Human Sentence Processing Conference, Pittsburgh, PA.
58. Ness, T.*, Langlois, V.*, Kim, A.E., & **Novick, J.M.** (March, 2023). Cognitive control in language processing: the influence of cue reliability. Poster presented at the 35th Annual Human Sentence Processing Conference, Pittsburgh, PA.
59. Salig, L.*, Valdés Kroff, J. R., Slevc, L. R., & **Novick, J. M.** (June, 2023). Code-switches modulate bilingual listeners' attention and memory. Poster to be presented

Spoken Presentations for U.S. Government Agencies

1. **Novick, J. M.**, & Weems, S. A. (May, 2008). Training working memory to improve language processing and comprehension. Department of Defense, Associate Directorate for Education and Training, College Park, MD.
2. Haarmann, H. J., & **Novick, J. M.** (June, 2008). Proposed workshop on divergent thinking. Department of Defense, Associate Directorate for Education and Training, College Park, MD.
3. **Novick, J. M.**, & Weems, S. A. (June, 2008). Brain fitness training. Government Communications Headquarters (United Kingdom Intelligence and Security Agency), College Park, MD.
4. **Novick, J. M.** (July, 2008). The effects of brain training on cognitive and language skills. Office of the Director of National Intelligence (head of U.S. Intelligence Community).
5. **Novick, J. M.**, Bunting, M. F., Weems, S. A., Forsyth, B., & Dougherty, M. (September, 2008). Demonstration of a working-memory training program. Research & Engineering Expo, Department of Defense, Ft. Meade, MD.
6. **Novick, J. M.**, Harbison, J. I., & Weems, S. A. (March, 2009). Working memory training and its potential impact on language analysis. Research & Engineering Expo, Department of Defense, Ft. Meade, MD.
7. **Novick, J. M.**, & Bunting, M. F. (March, 2009). Training working memory to improve language processing and comprehension. Foreign Service Institute, Language Roundtable, Arlington, VA.
8. **Novick, J. M.** (March, 2009). The effects of brain training on cognitive and language skills. University Affiliated Research Center Oversight Board, College Park, MD.
9. Bunting, M. F., & **Novick, J. M.** (May, 2009). The effects of brain training on cognitive and language skills. Government Technical Director, Center for Advanced Study of Language, College Park, MD.

10. Haarmann, H. J., & **Novick, J. M.** (October, 2009). Cognitive neuroscience: Overview and Divergent Thinking. "Language Day", Department of Defense, Ft. Meade, MD.
11. **Novick, J. M.**, & Weems, S. A. (December, 2009). Working memory training. Research & Engineering, Department of Defense, Ft. Meade, MD.
12. Haarmann, H. J., **Novick, J. M.**, Danks, J., & Brecht, R. (February, 2010). Transforming Analysis through Cognitive Neuroscience. Presentation to Foreign Language Program Office, Department of Defense, College Park, MD.
13. Bunting, M. F., & **Novick, J. M.** (March, 2010). The effects of brain training on cognitive and language skills. National Counter-proliferation Center, McLean, VA.
14. **Novick, J. M.**, Harbison, J. I., & Bunting, M. F. (March, 2010). Training working memory improves language processing and comprehension: Preliminary results. Foreign Service Institute, Language Roundtable, Arlington, VA.
15. **Novick, J. M.** (July, 2010). Working memory training clears the garden-path. U.S. Army, College Park, MD.
16. **Novick, J. M.** (October, 2011). Cognitive training for language learning and performance. Language Research Summit, College Park, MD.
17. **Novick, J. M.** (May, 2012). The bilingual advantage in cognitive control. Enlighten, Language Science for National Security, College Park, MD.
18. **Novick, J. M.**, & O'Rourke, P. (August, 2013). Accelerating Second Language Acquisition through Cognitive Control. Department of Defense, Language Research Series, Ft. Meade, MD.

Non-Refereed Panels

1. How to Get into Graduate School (April, 2004). Institute for Research in Cognitive Science, University of Pennsylvania.
2. Data Stewardship (January, 2015). Language Science NRT Winter Storm Panel, University of Maryland, College Park.

Workshops

1. Sloggett, S.**, Teubner-Rhodes, S.*, & **Novick, J. M.** (September, 2010). Eye-tracking workshop. Second Language Research Forum, College Park, MD.
2. Hsu, N.*, Jaeggi, S., & **Novick, J. M.** (February, 2013). Machine learning of brain activity: predicting cognitive plasticity across memory and language domains. Workshop on Working-Memory Training, College Park, MD.
3. Hussey, E.*, Teubner-Rhodes, S.*, Mishler, A.***, Harbison, J. I., & **Novick, J. M.** (February, 2013). Malleability of cognitive control and its effects on language processing. Workshop on Working-Memory Training, College Park, MD.

TEACHING

Undergraduate Courses Taught

- HESP 300: Introduction to Psycholinguistics (Spring 2014, Fall 2014, Fall 2015, Fall 2016, Spring 2017, Fall 2017, Fall 2018, Fall 2019, Fall 2020)

- HESP 214: Should I Buy into That? Comparing Media Claims with Scientific Evidence from Brain and Behavior Research (Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021, Spring 2022)
- HONR 279Y: Honors Seminar in Language and Thought (Spring 2015, Spring 2018, Spring 2020)
- HESP 468H: Professional Development in Research and Academia (Fall 2020, Spring 2021, Spring 2022)
- HNUH 278A: The Research Behind Headlines on Words, Thought, and Behavior (core University Honors “big question”; Spring 2022; Fall 2022)
- HESP 499 or 469 (Honors): Independent Study Topics in Psycholinguistics (Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2020, Spring 2021, Fall 2021, Spring 2022)

Graduate Courses Taught

- HESP 818C: Seminar in Language Processing. Contributions of Extralinguistic Cognition to Language Processing and Development (Fall 2012 with Bob Slevc, Spring 2016, Spring 2019, Spring 2021 with Jeff Lidz)

Invited Guest Lectures

- Psycholinguistics Graduate Seminar, Brain and Cognitive Sciences, MIT (2006)
- Cognitive Psychology Graduate Seminar, Psychology, UMD (2008 - 2010)
- Second Language Acquisition Graduate Seminar, SLA, UMD (2011)
- Research Methods Graduate Seminar, Second Language Acquisition, Georgetown U. (2011)
- Brain and Language Graduate Seminar, Neuroscience, Georgetown U. (2012 - 2018)
- Johns Hopkins University Osher Neuroscience Program (2019)

Teaching Innovations: Instructional Workshops and Seminars Established

- Ph.D. Professional Development Series (2014 - 2018; with Yi Ting Huang): Conducted monthly seminar for doctoral students in HESP.
- Proseminar in Clinical Issues (2014 - 2018; with Yi Ting Huang): Developed and conducted monthly seminar for Ph.D. students that provided information about translational and applied issues within hearing, speech, and language sciences.

Teaching Innovations: Course or Curriculum Development

- HESP 214. Should I Buy into That?: Comparing Media and Commercial Headlines with Scientific Evidence from Brain & Behavior Research (conceptualized and designed new General Education course for I-Series and Freshman Connection; approved by UMD Fall 2017)
- HONR 279Y. Language and Thought: Insights from Brain Damage, Neuroimaging, & Bilingualism (new course developed for and adopted by UMD Honors College, 2015; meets General Education Natural Science requirement)
- HESP 818C. Seminar in Language Processing: The interplay between general-purpose cognitive systems and language processing (new course 2012 and 2016)
- HESP 468H. Professional Development in Research and Academia. Co-created (with Matt Goupell) a 1-cr seminar for undergraduate honors students in the hearing and speech sciences department to discuss topics such as general research practices, including writing and oral presentations, and also professional issues--information that would be helpful for these students in their future careers, such as applying to graduate school. This is a 3-semester sequence.

- “In a Word” Cluster for University Honors (UH) at Maryland. Invited by UH to be a Lead Faculty Fellow (2020 - 2024). Developed a [multidisciplinary curriculum](#) comprised of clusters of thematically related courses taught by “Faculty Fellows” from departments across campus and Assistant Clinical Professors based in UH. Each cluster of courses consists of a group of several thematically related, non-sequential, 3-credit courses. At the heart of each cluster is an I-Series course taught by the cluster’s Lead Faculty Fellow (the one I teach is HUNH 278A: The Research Behind Headlines on Words, Thought, and Behavior). Each I-Series course explores a “big” question of contemporary and enduring significance and accommodates 60 UH students. Set by its Lead Faculty Fellow, the theme of each cluster can be engaged from multiple disciplinary perspectives, and the other seminars in the cluster do precisely that ([media coverage in *The Diamondback*](#)).

MENTORING AND ADVISING

Undergraduate Research Honors Theses – Directed

Elinora Leonard (2015 - 2017); Julie Knorr (2016 - 2018); Madison Lenhart (2022 -); Avery Vess (2022 -)

Undergraduate Research Honors Theses – Committee Member

Kristen Grunewald (2009 - 2010); Kayla Velnoskey (2011 - 2013); Ashley Thomas (2015 - 2016); Brooke Rothman (2016 - 2017); Tiara Booth (2016 - 2017); Hannah Sichel (2016 - 2017); Rebecca Goodridge (2017 - 2018); Jenna Nelson (2018 - 2019); Rebecca Higgins (2019); Alissa Cole (2019); Marina Cox (2021); Allison Godsey (2022); Sierra Hall (2023)

Undergraduate Research Assistants Mentored

Connor MacLaren (2013); Ashley Thomas (2015); Rebecca Newkirk (2015 - 2016); Emory D’Andrea (2015 - 2016); Nicole Grap (2015 - 2016); Brooke Rothman (2015 - 2016); Margaret Kelley (2015 - 2017); Hannah Sichel (2015 - 2017); Elinora Leonard (2015 - 2017); Lauren Eisner (2016 - 2017); Julie Knorr (2016 - 2018); Sarah Weinstein (2017); Kara Schmidt (2019 - 2021); Madison Lenhart (2021 -); Avery Vess (2022 -); Jenna Ringold (2022 -)

Master’s Research Theses – Committee Member

Erin Hollister (2016); Ran Li (2016 - 2017); Isabel Martin (2016 - 2017); Kerianna Frederick (2017 - 2018); Nisha Sharma (2017 - 2018); Megan Gehman (2018 - 2019); Madeline Pifer (2018 - 2019); Claire Crossman (2019 - 2020); Sandra Guevara (2019 - 2020); Svetha Mohan (2020 - 2021); Chidinma Ogbonna (2022 - 2023)

Doctoral Dissertation Primary Advisor or Co-Advisor

1. Erika Hussey (2008 - 2013)
 “The Malleability of Cognitive Control and its Effects on Language Processing”
Awards: Ann G. Wylie Dissertation Award; Graduate School Interdisciplinary Dissertation Award; NSF IGERT Trainee Poster Competition Award; Graduate School Distinguished Service Award; NSF Graduate Research Fellowship – Honorable Mention
Placement: Post-doc, University of Illinois at Urbana-Champaign, Beckman Institute
Currently: Cognitive Scientist and Program Manager, Defense Innovation Unit; Visiting Scientist, Center for Applied Brain and Cognition, Tufts University
2. Susan Teubner-Rhodes (2009 – 2014)
 “The neural bases of the bilingual advantage in cognitive control: An investigation of conflict adaptation phenomena”
Awards: William Hodos Dissertation Award; Highlighted Research, NSF IGERT Annual Report
Placement: Post-doc, Medical University of South Carolina

Current: Assistant Professor of Psychology, Auburn University

3. Rachel Adler (2013 - 2018)
“Toward a psycholinguistic model of irony comprehension”
Placement: Data Scientist, Financial Industry Regulatory Authority
Current: Data Scientist, Bloomberg
4. Zoe Ovans (2016 - 2022)
“The influence of cognitive-control engagement on parsing development in young children”
Awards: National Science Foundation Graduate Research Fellowship
Placement: Post-doc, University of Pennsylvania (w/ J. Trueswell & Barbara Landau, Johns Hopkins)
5. Lauren Salig (2019 -)
Projects: Linking processing costs to distributional patterns of bilingual code-switching; how integrating a code-switch during comprehension modulates attention
Awards: University of Maryland Flagship Fellowship (a multi-year enhancement award to recruit outstanding doctoral students to the University of Maryland); Ann G. Wylie Dissertation Award; NSF Graduate Research Fellowship (Honorable Mention); Fulbright Scholar; Psychonomic Society/Women in Cognitive Science Networking Award for Junior Scientists; Professor Nancy S. Anderson Graduate Scholarship in Cognitive Psychology; Winner, [P.E.O Scholar Award](#) (a competitive merit-based award recognizing excellence and achievement by women in doctoral-level programs); Ann G. Wylie Dissertation Award
6. Zachary Maher (2020 - 2023)
“Knowledge and processing of morphosyntactic variation in African American Language and Mainstream American English”
Awards: Ann G. Wylie Dissertation Award; Fulbright Scholar; NSF Doctoral Dissertation Research Improvement Grant; Gibson-Fedorenko Prize for Best Plenary Talk at the Human Sentence Processing Conference (Honorable Mention, 2023)
Placement: Post-doc, Pennsylvania State University (with Janet Van Hell), NSF SBE Postdoc grant
7. Kelly Marshall (2021 -)
Projects: Models of how comprehenders update probabilistic constraints on parsing to accommodate differences in speakers’ usage
Awards: University of Maryland Flagship Fellowship; ORISE Summer Research Internship, Scientific and Clinical Studies Section in the Audiology and Speech Language Pathology Center of the Walter Reed National Military Medical Center

Doctoral Dissertation and/or Qualifying Exam Committee Membership

Giovanna Morini (HESP, 2014); Alison Shell (PSYC, 2014 - present); Amritha Mallikarjun (NACS, 2014 - 2020); Alix Kowalski (HESP, 2014 - 2018); Brooke Okada (PSYC, 2016 - 2017); Buthainah M. Al Thowaini (SLA, 2016 - 2018); Benjamin Rickles (NACS, 2019 - 2023); Rebecca Bieber (HESP, 2018 - 2021); Julianne Garbarino (HESP, 2018 - 2021); Michelle Erskine (HESP, 2020 - 2022); Nick B. Pandža (SLAA, 2020 - 2021); Erika Exton (HESP, 2021 - present); Jason Dunlap (NACS, 2021 - 2022); Madison Buntrock (HESP, 2021 - 2022); Beth Mackey (SLA, 2023, Dean’s Representative); Seongsil Lee (2020 - 2023)

Post-doctoral Research Advising and Mentorship

1. Nina Hsu (2012 - 2017)

Projects: The effects of cognitive-control engagement on moment-to-moment sentence processing and the neurobiological systems that support this interplay

Awards: NIH National Research Service Award; NSF SBE Post-doctoral Award (declined); Select Speaker Award, Psychonomic Society

Placement: NIH/NINDS Fellow, American Association for the Advancement of Science (AAAS)

Current: Health Science Policy Analyst, National Institute of Neurological Disorders and Stroke, in the office that administers President Obama's BRAIN Initiative

2. Tal Ness (2021 -); funded through NSF grant

Projects: Cognitive control as a biasing mechanism that increases commitments to the most plausible interpretation when linguistic input is corrupted over a noisy channel during transmission

3. Valerie Langlois (2021 -)

Role: Co-Mentor (funded through collaborative NSF BCS grant; works at Colorado site in Al Kim's lab)

Projects: Combines EEG and eye-tracking methods to provide a multi-modal characterization of the neurocognitive processes that serve language comprehension, focusing on how attention and cognitive control contribute to adult sentence processing

Advising: Other than Directed Research

Mentoring of Undergraduate Teaching Assistants

Jennifer Chisholm (Spring 2014); Courtney Wallace (Spring 2014); Tamar Schulman (Fall 2014); Brooke Rothman (Fall 2015); Ashley Thomas (Fall 2015); Lauren Wilson (Fall 2016); Megan Fox (Fall 2016); Nicole Grap (Spring 2017); Amanda Eikenes (Fall 2017); Alyssa Apsley (Fall 2017); Audrey Donovan (Fall 2018); Michaela Ehm (Fall 2019); Sarah Elazar (Fall 2019); Sarah Cusick (Fall 2019); Chidinma Ogbonna (Spring 2020); Yomna Nassar (Fall 2020); Cameron Barnes (Fall 2020); Mia Randall (Fall 2020); Elisa Posner (Fall 2020); Robyn Toler (Spring 2021); Alessandra Molina (Spring 2021); Alexa Moh (Spring 2022); Sophie Bricker (Spring 2022)

Master's Academic Advising

Lyana Kardanova Frantz (2014 - 2016); Mariah Pranger (2014 - 2016); Sarah Aylor (2015 - 2017); Christine del Toro (2015 - 2017); Kim Jordan (2015 - 2017); Caroline Kettl (2015 - 2017); Emily McCullough (2015 - 2017); Catherine Penny (2015 - 2017); Nicole Vaquerano (2015 - 2017); Catherine Zaczek (2016 - 2018); Lauren Steedman (2016 - 2018); Joseph Nicol (2018 - 2020); Kayla Dunn (2018 - 2020); Tracy Wong (2018 - 2020); Rebecca Willman (2019 - 2021); Clare Corbett (2018 - 2020); Rachel Niemann (2018 - 2020); Ashley Zamicielli (2019 - 2021)

Master's Candidacy Capstone Papers – Directed

Mariah Pranger (2016); Christine del Toro (2017); Karly Schwarz (2018); Tracy Wong (2020); Emily Sotzing (2020); Lauren Eisner (2020); Catherine Siebert (2020); Joseph Nicol (2020); Allison Granados, 2nd Reader (2020); Rebecca Willman (2021); Rachel Niemann (2021); Emily Zeller (2021); Clare Corbett (2021); Kayla Horning (2021); Elisa Rademacher (2021); Jennifer Zuhl (2023); Samantha Quiros (2023); Michael Mentzel (2023); Hannah Talbot (2023); Sarah Comer (2023); Maddie Trageser (2023)

Master's Graduate Assistants – Supervised (Lab Manager: Research and Administrative)

Karly Schwarz (2016 - 2018); Claire Crossman (2018 - 2020)

Doctoral – Member, Program Planning Committee

Melissa Stockbridge (2014); Julianne Garbarino (2017 - 2021); Rebecca Bieber (2018 - 2021); Aryn Byrd (2019 - present); Kathleen Oppenheimer (2019 - present); Maddy Buntrock (2019 - 2021); Erika

Exton (2019 - present); Jason Dunlap (2019 - 2021); Rachel Thompson (2019 - present); Seongsil Lee (2020-2024)

Other Advising and Mentoring Activities

1. David del Rio (Summer, 2014). Visiting Scientist from Complutense University of Madrid, Spain.
Role: Hosted summer visit to my lab, advised him on theoretical and methodological approaches to cognitive control and language processing.
2. Maryland Summer Scholars Program (2016) – Mentor/Advisor to Ashley Thomas
3. Anne Beatty-Martinez (February, 2017). Ph.D. student visiting my lab from Penn State.
Role: Hosted two-week stay, advised her on theoretical and methodological approaches to bilingual language control.
4. Alison Robey, Ph.D., Research Assistant Professor in PSYC (Summer 2018 - present). Teaching mentor through several semesters to develop HESP 214 for Freshman Connection, including its online delivery during the COVID-19 pandemic.
5. American Speech-Language-Hearing Association MARC Mentoring Program (2019 - 2021). Mentored junior faculty in the field about writing and publishing.
6. BSOS “Buddies” Mentoring Program, initiated by the Dean's Graduate Student Advisory Council Mental Health Committee (2020 - 2021). Mentor PhD students in BSOS outside HESP/NACS (e.g., ECON) on navigating graduate school, work-life balance, and anxiety and stress particularly during the COVID-19 pandemic.
7. SROP Summer Research Initiative (2023), Mentor/Advisor to Avery Vess

SERVICE

Ad-hoc Reviewing Activities for Journals

Acta Psychologica; American Journal of Speech-Language Pathology; Bilingualism: Language and Cognition; Brain and Language; Cognition; Cognitive Neuropsychology; Cortex; Developmental Psychology; Developmental Science; Human Brain Mapping; Journal of Cognitive Neuroscience; Journal of Experimental Child Psychology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Memory and Language; Journal of Neuroscience; Language, Cognition and Neuroscience; Language Learning; Language, Learning and Development; Language and Linguistics Compass; Memory and Cognition; NeuroImage; Neuropsychologia; NeuroReport; Proceedings of the Cognitive Science Society; Proceedings of the National Academy of Sciences of the United States of America (ad hoc action editor, invited by Michael Gazzaniga); Psychological Science; Royal Society Open Science; Thinking & Reasoning

Reviewing Activities for Agencies and Foundations

NSF, CAREER Award (2012 - 2013); Israel Science Foundation (2014); NSF, Doctoral Dissertation Research Improvement - Linguistics Program (2018); NSF, Division of Behavioral and Cognitive Sciences, Perception, Action, & Cognition Program (2020)

Reviewing Activities for Conferences

Cognitive Science Society; CUNY Conference on Human Sentence Processing (annually since 2006); Cognitive Neuroscience Society Annual Meeting; Architectures and Mechanisms for Language Processing; Society for Neurobiology of Language Conference

Reviewing Activities for Publishers

Sinauer Associates, chapter reviewer for 2nd Edition of Julie Sedivy's textbook *Language in Mind: An Introduction to Psycholinguistics*. (2017)

Oxford University Press, Test Bank reviewer and contributor for 2nd Edition of *Language in Mind*. (2018)

University of Maryland Campus Service – Department, Programs, and Centers

Department of Hearing and Speech Sciences (HESP)

HESP Ph.D. Admissions Committee (2014 - present)

Executive/Faculty Affairs Committee, as Co-Director of HESP Ph.D. Program (2014 - 2020)

Faculty Search Committee for Professor in HESP and Associate Director of Maryland Language Science Center; hired Jan Edwards (2015)

Co-Coordinator, HESP Ph.D. Student Orientation (2014 - 2020)

Co-Developer & -Organizer of HESP-Fest, Ph.D. Recruitment Event (2015 - 2020)

Comprehensive Exam Re-Evaluation Committee for HESP Ph.D. Program (2018)

Committee for HESP Chair Evaluation and Term Renewal (2018)

Committee on Programs, Curricula and Courses (2018 -)

Teaching Subcommittee on Increasing Diversity in Courses (2019 -)

Diversity Subcommittee on Reporting oppressive language, behavior, or other forms of expression (2020 -)

Speech-Language Assistant Professor Search Committee (2022 - 2023)

HESP Graduate Admissions Committee (AuD/MA SLP Programs; 2023 -)

Program in Neuroscience and Cognitive Science (NACS)

NACS Colloquium Series Committee (2014 - 2021)

Director of Admissions and Associate Director of NACS Program (2021 - present)

NACS Graduate Committee (2021 - present)

Program Self-Study Committee (2021)

Executive Committee, ex-officio member (2021 - present)

Maryland Language Science Center (LSC)

Language Science Outreach, Northwood High School, Silver Spring, MD (2016)

Faculty Advisor, Graduate Student Winter Storm Planning Committee (2017)

Expert Consultant and Mentor for AP Psychology Research, Eleanor Roosevelt High School, Greenbelt, MD (2018)

Elected Member, Language Science Center Executive Steering Committee, which develops the LSC's mission and goals (2023 - present)

Center for Advanced Study of Language (CASL)

Merit Review Committee (2008 - 2009)

Faculty Search Committee, Cognitive Neuroscience (2007 - 2008)

Faculty Search Committee, Second Language Acquisition (2008 - 2009)

Chair, Faculty Search Committee, Cognitive Neuroscience (2008 - 2009)

Lab Technician Search Committee, Cognitive Neuroscience (2010)

Assistant Director of Information Technology Search Committee (2010)

Shared Laboratory Development Committee with Psychology Department (2012)

Faculty Search Committee, fMRI Scientist (2012 - 2013)

Director, CASL Undergraduate Summer Scholars Program in Language Science (2015 - 2016)

Campus Service – University

Reviewer, Maryland ADVANCE Seed Grant Program (2012)

University of Maryland Senate (2014 - 2019)

Reader for the Undergraduate Researchers of the Year selection review (2021, 2022)

BSOS College Awards Review Committee (2022, 2023)

Representative for BSOS College on the campus-wide [Banneker/Key Scholarship](#) Interview Committee (2023). This is the most prestigious merit scholarship offered to academic undergraduate recruits at the University of Maryland.

Reviewer for Maryland Summer Scholars Program (2023)

Leadership Roles in Meetings and Conferences (Service to the Field and Discipline)

Symposium organized: International Workshop on Cognitive and Working Memory Training, College Park, MD (2011)

Symposium organized: "Languages for All" Symposium, Department of Defense and Center for Advanced Study of Language, College Park, MD (2013)

Action Editor & Co-Chair, Program Committee for Cog Sci Society (2016, 2017)

Program Committee, CUNY Conference on Human Sentence Processing (2017, 2018)

Session Chair, CUNY Conference on Human Sentence Processing (2019, 2021)

National Science Foundation Grant Panelist for the Social, Behavioral and Economic (SBE) Sciences Directorate (2020, 2021)

Special Session Co-Organized, Cognitive Control and Language, Psychonomic Society (2022)

Executive Committee, Society for Human Sentence Processing (2023 - 2026)

Host, 38th Annual Conference on Human Sentence Processing (2025)

