

Curriculum Vitae

Notarization. I have read the following and certify that this *curriculum vitae* is a current and accurate statement of my professional record.

Signature

Date: April 25, 2025

I. Personal Information

I.A. UID, Last Name, First Name, Middle Name, Contact Information

UID: 109842853
Novick, Jared Matthew

Lefrak Hall 0125
(301) 405-1288
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I.B. Academic Appointments at UMD

Center for Advanced Study of Language
Assistant Research Scientist (2007 - 2011)
Associate Research Scientist (2011 - 2018)

Program in Neuroscience and Cognitive Science
Core Faculty Member (2008 - present)

Department of Hearing and Speech Sciences
Assistant Professor (2014 - 2019)
Associate Professor (2019 - 2025)
Professor (2025 - present)

Maryland Language Science Center
Assistant Research Professor (2014 - 2019)
Associate Research Professor (2019 - present)
Research Professor (2019 - present)

University Honors
Lead Faculty Fellow (2020 - 2023)

I.C. Administrative Appointments at UMD

Department of Hearing and Speech Sciences
Co-Director, Ph.D. Program (2014 - 2020)
Co-Director, Undergraduate Honors Program (2018 - present)
Director of Undergraduate Studies (2022 - present)

Program in Neuroscience and Cognitive Science
Associate Director (2021 - present)
Director of Ph.D. Admissions (2021 - present)

I.D. Educational Background and Previous Academic Employment

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)
Postdoctoral Associate, Brain and Cognitive Sciences, MIT (2005 - 2007)

I.E. Professional Certifications, Licenses, and Memberships

Fellow of the Psychonomic Society
Member, Cognitive Science Society
Member, Society for the Neurobiology of Language
Member, Society for Human Sentence Processing

II. Research, Scholarly, Creative and/or Professional Activities

* denotes graduate student/post-doc co-author

** denotes undergraduate/post-bac co-author

II.A. Books

II.A.1. Edited Book (Volume)

1. **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. ISBN 978-0199974467.

II.B. Refereed Journals

II.B.1. Articles in Refereed Journal

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.**, Velnoskey, 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*, 2(4), 487-512. 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.** (2024). Linking frequency to bilingual switch costs during real-time sentence comprehension. *Bilingualism: Language and Cognition*, 27(1), 25-40. DOI:10.1017/S1366728923000366
28. Langlois, V.*, Ness, T.*, Kim, A. E., & **Novick, J. M.**, (2024). Does cognitive control modulate referential ambiguity resolution? A remote visual-world study. *Language, Cognition, and Neuroscience*, 39(7), 924-938.
29. Ness, T.*, Langlois, V.*, **Novick, J. M.**, & Kim, A. E. (2024). Theta-band neural oscillations reflect cognitive control during language processing. *Journal of Experimental Psychology: General*, 153(9), 2279–2298.
30. Ness, T.*, Langlois, V.*, Kim, A. E., & **Novick, J. M.** (2025). The state of cognitive control in language processing. *Perspectives on Psychological Science*, 20(2), 219-240.
31. **Novick, J.M.**, Teubner-Rhodes, S., & Kim, A.E. (2025). Clarifying the role of cognitive control in language comprehension: A Response to Kuz et al. (2024). *Languages*.
32. Salig, L.*, Valdés Kroff, J. R., Slevc, L. R., & **Novick, J. M.** (2025). Hearing a code-switch increases bilinguals' attention to and memory for information. *Journal of Memory and Language*, 143, 104647.
33. Kim, A.E., Langlois, V.*, Ness, T.*, Wade, M.*, & **Novick, J.M.** (in press). Resolving conflicting interpretations: The role of theta-band oscillations and cognitive control. *Neuropsychologia*.

II.B.2. Manuscripts Submitted at Refereed Journals

1. Adler, R. M.*, Salig, L.*, **Novick, J. M.**, & Huang, Y.T. (under review). Context, conflict, and the time-course of interpreting irony. *Journal of Experimental Psychology: General*.
2. Maher, Z.*, Edwards, J., Novick, J.M. (under review). Maher, Z.*, Edwards, J., Novick, J.M. (under review). Listeners expect grammatical variation across dialects.
3. Salig, L.*, Valdés Kroff, J., **Novick, J.M.**, & Slevc, L.R. (under review). Bilinguals have better recall of code-switched information. *Psychonomic Bulletin & Review*.

II.C. Published Conference Proceedings

II.C.1. 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.

II.D. Conferences, Workshops, and Talks

II.D.1. Invited Talks (see II.D.7. for Invited Symposia; see II.D.9. for Invited Colloquia)

1. **Novick, J. M.** 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. **Novick, J. M.** 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. **Novick, J. M.** Eye-tracking as a window to understanding language understanding. Institute for Research in Cognitive Science, University of Pennsylvania, Philadelphia, PA, June 2004.
4. **Novick, J. M.** 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. **Novick, J. M.** Conflict resolution and adaptation in language comprehension: Reaching out to the psychometric sciences. Division of Research & Development, Educational Testing Service, June 2006.
6. **Novick, J. M.** 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. **Novick, J. M.** 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. **Novick, J. M.** Effects of cognitive control on real-time language comprehension. PULSAR Undergraduate Program, Language Science Center, University of Maryland, May 2023.

II.D.2. Refereed Spoken Presentations (Plenary/Podium Presentations)

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.** , Corbett, R.** , Barrachina, L. A., Sanz-Torrent, M., Trueswell, J. C., & **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.** , Teubner-Rhodes, S. E.* , & **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. Paper 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? Paper 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. Ovens, 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. Ovens, 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. Ovens, Z.* , Huang, Y., **Novick, J. M.** (November, 2022). Cognitive-control engagement increases children's reliance on reliable cues during sentence processing. Paper 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. Paper 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. Paper 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. Paper 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. Paper presented at the 36th Annual Conference on Human Sentence Processing, Pittsburgh, PA. (*Honorable Mention, Gibson-Fedorenko Prize for best paper*)
31. Maher, Z.* , Edwards, J., **Novick, J.M.** (October, 2023). Real-time interpretation of morphosyntactic variation across varieties and listeners. Paper presented at the 51st Annual Conference on *New Ways of Analyzing Variation Conference*, New York, NY.
32. Ness, T.* , Langlois, V.* , Wade, M.* , Kim, A.E., & **Novick, J.M.** (November, 2023). Cognitive control in language processing: The influence of cue reliability. Paper presented at the 64th Annual Meeting of the Psychonomic Society, San Francisco, CA.
33. Maher, Z.* , Edwards, J., **Novick, J.M.** (May, 2024). Morphosyntax plays a unique role in listeners' expectations about minoritized language. Paper presented at the 37th Annual Conference on Human Sentence Processing, Ann Arbor, MI.
34. Langlois, V.* , Ness, T.* , Wade, M.* , **Novick, J.M.**, & Kim, A.E. (May, 2024). Cognitive control supports recovery from misanalysis: Evidence from neural oscillations. Paper presented at the 37th Annual Conference on Human Sentence Processing, Ann Arbor, MI.
35. Salig, L.* , Valdés Kroff, J., **Novick, J.M.**, & Slevc, L.R. (June, 2025). Bilinguals recall code-switched information better than single-language information. Paper presented at the 15th International Symposium on Bilingualism, Donostia-San Sebastián, Spain.

II.D.3. Refereed Posters

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.
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.
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. Ovens, 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 presented at the 14th Biennial International Symposium on Bilingualism, Sydney, Australia.
60. Maher, Z.* , Edwards, J., & **Novick, J.M.** (November, 2023). Real-time grammatical interpretation across dialects and listeners. Poster presented at the 64th Annual Meeting of the Psychonomic Society, San Francisco, CA.
61. Marshall, K.* , **Novick, J.M.**, & Slevc, L.R. (November, 2023). Do syntactic adaptation effects reflect updating of linguistic knowledge or changes in processing strategies? Insights from Drift Diffusion Modeling. Poster presented at the 64th Annual Meeting of the Psychonomic Society, San Francisco, CA.
62. Ness, T.* , Langlois, V.* , Kim, A.E., & **Novick, J.M.** (November, 2023). Domain-general cognitive control in the processing of lexical ambiguity. Poster presented at the 64th Annual Meeting of the Psychonomic Society, San Francisco, CA.
63. Marshall, K.* , Vess, A.** , Slevc, L.R., & **Novick, J.M.** (May, 2024). Following the conversation: Topic shifts elicit switch costs in naturalistic discourse. Poster presented at the 37th Annual Conference on Human Sentence Processing, Ann Arbor, MI.
64. Marshall, K.* , Vess, A.** , Slevc, L.R., & **Novick, J.M.** (June, 2024). Following the conversation: Impacts of shifting topics on language production in healthy adults and individuals with traumatic brain injury. Poster presented at the 53rd Annual Clinical Aphasiology Conference, Waikoloa Beach, HI.
65. Marshall, K.* , Vess, A.** , Slevc, L.R., & **Novick, J.M.** (November, 2024). Impacts of topic shifts on language production in healthy adults and adults with Traumatic Brain Injury. Poster presented at the 65th Annual Meeting of the Psychonomic Society, New York, NY.

66. Wade, M. *, Langlois, V.*, Montiel, A.*, Ness, T.*, **Novick, J.M.**, & Kim, A.E., & (November, 2024). Cognitive control supports recovery from misanalysis: Evidence from neural oscillations. Poster presented at the 65th Annual Meeting of the Psychonomic Society, New York, NY.
67. Salig, L. *, Valdés Kroff, J., **Novick, J.M.**, & Slevc, L.R. (March, 2025). Intrasentential Code-switches Enhance Recall in Bilingual Listeners. Poster presented at the 38th Annual Conference on Human Sentence Processing, College Park, MD.
68. Wade, M. *, **Novick, J.M.**, & Kim, A.E. (March, 2025). Conflict Resolution during Sentence Processing Elevates Proactive Cognitive Control. Poster presented at the 38th Annual Conference on Human Sentence Processing, College Park, MD.

II.D.4. Non-Refereed 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.

II.D.5. Non-Refereed Workshop Papers (Podium Presentations)

1. 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.

II.D.6. 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.

II.D.7. Invited 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.

II.D.8. 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.

II.D.9. Invited Colloquia

1. **Novick, J. M.** The role of the LIFG and cognitive control in sentence comprehension. (May, 2005) Psychology Department, Rice University.
2. **Novick, J. M.** Taking a glance at sentence processing: Comparing eye-movements in healthy adults and patients with damage to Broca's area. (December, 2006) Psychology Department, Swarthmore College.
3. **Novick, J. M.** Cognitive control and parsing: A new view of Broca's area? (February, 2007) Psychology Department, Skidmore College.
4. **Novick, J. M.** A peek at parsing in patients: Eye-movements in healthy adults, patients with brain lesions, and frogs. (April, 2007) University of Maryland, Center for Advanced Study of Language.
5. **Novick, J. M.** Taking a glance at sentence processing: Eye-movement evidence from healthy adults, patients with brain lesions, and frogs. (October, 2008) Department of Neuroscience & Center for Aphasia Research, Georgetown University.
6. **Novick, J. M.** A peek at parsing in patients: Broca's area, language processing, and the cognitive-control connection. (January, 2010) Language Science IGERT Winter Storm Colloquium, University of Maryland, College Park.
7. **Novick, J. M.** Broca's area, language processing, and working-memory training: Evidence for the cognitive-control connection. (May, 2011) Department of Basic Psychology, University of Barcelona, Spain.
8. **Novick, J. M.** Broca's area and language processing: Evidence for the cognitive-control connection. (April, 2012) Department of Hearing and Speech Sciences, University of Maryland, College Park.
9. **Novick, J. M.** Cognitive-control and language processing: Causal evidence from monolinguals and bilinguals. (January, 2014) Language Science IGERT Winter Storm Colloquium, University of Maryland, College Park.
10. **Novick, J. M.** Broca's area, language processing, and the benefits of cognitive control training. (March, 2014) Psychology Department, Villanova University.
11. **Novick, J. M.** Cognitive control and language processing: Evidence for a causal connection. (May, 2016) Department of Human Development and Quantitative Methodology, University of Maryland, College Park.
12. **Novick, J. M.** Tending the garden-path: How cognitive-control engagement facilitates real-time sentence revision. (October, 2017) Departments of Linguistics and Psychology, University of Pennsylvania, Philadelphia, PA.
13. **Novick, J. M.** Direct impact of cognitive control on sentence processing and comprehension: The importance of cognitive states vs. traits. (October, 2020) Language and Brain Interest Group, University of Florida, Gainesville, FL.
14. **Novick, J. M.** Direct impact of cognitive control on sentence processing and comprehension: The importance of cognitive states vs. traits. (May, 2021) Linguistics Colloquium, University College London, University of Cambridge, and University of Edinburgh.
15. **Novick, J. M.** Moving from bilingual traits to states: Comparing two approaches to bilingualism and cognition. (October, 2021) Psycholinguistics Group, UiT the Arctic University of Norway (with Lauren Salig and Jorge Valdés Kroff).
16. **Novick, J. M.** Cognitive control as a biasing mechanism and its influence on sentence processing. (December, 2021) Modal & Amodal Cognition Research Unit, University of Tübingen (via Zoom).
17. **Novick, J. M.** The state of cognitive control in language processing (February, 2022). Bilingualism, Mind, & Brain Group, University of California, Irvine.

18. **Novick, J. M.** Attention and memory benefits of bilingual code-switching. (November, 2024). Department of Communication Sciences and Disorders, University of Delaware.

II.E. Professional and Extension Publications

II.E.1. Reports and Non-Refereed Monographs

1. Bunting, M. F., Dougherty, M. R., **Novick, J. M.**, Weems, S. A. & Forsyth, B. H. (2008). Technical Report. Research Design and Execution of Working Memory Training. Department of Defense.
2. **Novick, J. M.**, Bunting, M. F., & Weems, S. A. (2008). Technical Report: Presentation materials for Independent Review. Department of Defense.
3. Haarmann, H. J., George, T. G.*, Smaliy, A., Grunewald, K.**, & **Novick, J. M.** (2008). Technical Report. A method for quickly increasing alpha brain waves through neurofeedback: Implications for divergent thinking and creative problem solving. Department of Defense.
4. **Novick, J. M.**, Clarady, C. K., Harbison, J. I., Reggia, J. A., Sylvester, J., Weems, S., Dougherty, M. R., & Bunting, M. F. (2009). Interim Technical Report. The effects of working memory training on cognitive and language skills. Department of Defense.
5. Clarady, C. K., Bunting, M. F., **Novick, J. M.**, Atkins, S.*, Dougherty, M. R., & Forsyth, B. H. (2009). Technical Report. Working memory training for foreign language practitioners. Department of Defense.
6. Harbison, J. I., Bunting, M. F., **Novick, J. M.**, Weems, S. A., Dougherty, M. R., Atkins, S.*, Hussey, E. K.*, Teubner-Rhodes, S.*, Chrabaszcz, J.*, Smaliy, A., Clarady, C. K., & Corbett, R. P.** (2009). Technical Report. Assessing the effects of working memory training on cognitive functioning: A preliminary analysis of training-related gains in performance. Department of Defense.
7. Haarmann, H. J., George, T. G.*, Dien, J., Chrabaszcz, J.*, Smaliy, A., Freynik, S.*, & **Novick, J. M.** (2009). Technical Report. Right-brain alpha neurofeedback improves verbal creative problem solving. Department of Defense.
8. **Novick, J. M.**, George, T. G.*, Chrabaszcz, J.*, Smaliy, A., Clausner, T., & Haarmann, H. J. (2009). Technical Report. Evaluating brief cognitive intervention techniques for improving divergent thinking: Considerations on how to solve problems in creative ways. Department of Defense.
9. Smaliy, A., George, T. G.*, Chrabaszcz, J.*, Freynik, S.*, Dien, J., Haarmann, H. J., & **Novick, J. M.** (2010). Technical Report. Effects of word association and gender on divergent thinking. Department of Defense.
10. Atkins, S. M.*, Dougherty, M. R., Harbison, J. I., **Novick, J. M.**, Weems, S. A., & Bunting, M. F. (2010). Technical Report. Persistence and transferability of working memory training over time. Department of Defense.
11. **Novick, J. M.**, Hussey, E. *, Teubner-Rhodes, S. *, Harbison, J. I., Bunting, M. F., Weems, S. A., Dougherty, M. R., Atkins, S. *, Chrabaszcz, J. *, Smaliy, A., Clarady, C. K., & Corbett, R. P. * (2010). Technical Report. Executive function training improves readers' ability to resolve ambiguity. Department of Defense.
12. Bunting, M. F., **Novick, J. M.**, Dougherty, M. R., Harbison, J. I., Weems, S. A., Atkins, S. *, Hussey, E. K. *, Teubner-Rhodes, S. *, Chrabaszcz, J. *, Smaliy, A., Clarady, C. K., Corbett, R. *, & Forsyth, B (2010). Technical Report. Assessing the effects of cognitive training: Improving individuals' ability to reason, remember, and resolve sentence ambiguity. Department of Defense.
13. **Novick, J. M.**, Blok, S., Berens, M., Cook, J., & Haarmann, H. J. (2011). Technical report: An evidence-based course for improving divergent thinking. Training cognitive strategies. Department of Defense.
14. Mishler, A. **, Teubner-Rhodes, S. *, Corbett, R. **, & **Novick, J. M.** (2011). Interim Technical Report: The bilingual advantage. Does learning a second language improve working memory? Department of Defense.

15. Dougherty M. R., Bolger, D. J., Slevc, L. R., Atkins, S.*, Shell, A.*, Harbison, J. I., Bunting, M. F., & **Novick, J. M.** (2011). Technical Report. Contributions from implicit and explicit processes to second-language learning. Department of Defense.
16. Chrabaszc, J.*, Weems, S., Matzen, L., Harbison, J. I., **Novick, J. M.**, & Bunting, M. F. (2012). Interim Technical Report. The effects of working memory training on long-term memory performance: Assessing changes to brain and behavior. Department of Defense.
17. Hussey, E. K.* & **Novick, J. M.** (2012). Technical Report. The benefits of executive control training: A perspective on the implications for language processing. Department of Defense.
18. Teubner-Rhodes, S.*, Mishler, A.***, Corbett, R.***, Andreu, L., Sanz-Torrent, M., Trueswell, J. C., & **Novick, J. M.** (2012). Technical Report. Does learning a second language improve cognitive control and language processing? Department of Defense.
19. **Novick, J. M.**, Hussey, E.*, Teubner-Rhodes, S.*, Harbison, J. I., & Mishler, A.** (2013). Technical Report. Memory and language improvements following cognitive control training. Department of Defense.
20. **Novick, J. M.**, Huang, Y., Kowalski, A.*, Gerard, J.*, Hsu, N.*, Bushkuehl, M., & Jaeggi, S. M. (2013). Interim Technical Report. Cognitive development and language understanding in young children: Goals for education and intervention. Department of Defense.
21. Hsu, N.*, Jaeggi, S. M., & **Novick, J. M.** (2013). Technical Report. Neural markers of cognitive control: Is there a common neurobiological profile for information-conflict in memory and language? Department of Defense.
22. Teubner-Rhodes, S.*, Bolger, D. J., & **Novick, J. M.** (2013). Technical Report. The “bilingual advantage”: How does speaking two languages affect cognitive control and the brain systems that support it? Department of Defense.
23. Saner, L., O’Rourke, P., **Novick, J. M.**, Jackson, S., Clark, M., Burns, W., Doughty, C. J., & Haarmann, H. J. (2014). Technical Report. Cognitive Readiness Recommendations for Training to Improve Cyber Course Outcomes. Department of Defense.
24. Adler, R. A.*, Shell, A. R.*, Valdes Kroff, J., Slevc, L. R., & **Novick, J. M.** (2015). Technical Report. Cognitive control in second-language learning: Insights from language switching and vocabulary learning studies. Department of Defense.
25. Kuchinsky, S. E., Hsu, N. S.*, Pandza, N. B.*, Brown, N. T.***, Romberg, A. R., Karuzis, V. P., Haarmann, H. J., & **Novick, J. M.** (2015). Technical Report. Neuroimaging approaches to cognitive readiness. Department of Defense.

II.E.2. Non-Refereed Journal Articles

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.

II.F. Works in Progress

II.F.1. Manuscripts in Preparation

1. Ovans, Z.*, Hsu, N.*, Leonard, E.***, Kowalski, A.*, & **Novick, J.M.**, & Huang, Y. T. (in preparation). Language comprehension under increased control: Separating correlation from causation on the kindergarten path.
2. Ovans, Z.*, & Huang, Y., **Novick, J. M.**, (in preparation). Rely on what’s reliable: Effects of cognitive-control engagement on children’s sentence comprehension.

3. Ness, T.*, Langlois, V.*, & **Novick, J. M.**, & Kim, A. E. (in preparation). Cognitive control in language processing: The influence of cue reliability marked by ERP signatures.
4. Maher, Z.*, Edwards, J., & **Novick, J.M.** (in preparation). Real-time grammatical interpretation across dialects and listeners.

II.G. Sponsored Research and Programs – Administered by the Office of Research Administration (ORA)

II.G.1. Current External Grants

National Science Foundation (LING-2416930), 9/1/24-8/31/25

Title: Connecting Minds, Building Bridges: Community Outreach in Language Processing Research

Total Award: \$74,999

PI: Novick

II.G.2. Pending External Grants

National Science Foundation (LING), 8/1/25-7/31/28

Title: Shifting Attention: The role of code-switching in bilinguals' learning and memory

Role: Co-PI

II.G.3. Completed External Grants

National Science Foundation (LING & COG NEURO-2020932), 9/1/20-8/31/24

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

Total Award: \$775,204

PI: Novick

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

Title: Knowledge and processing of morphosyntactic variation (Doctoral Dissertation Research Improvement)

Total Award: \$6,999

PI: Novick

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

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

Title: Robust cognition through brain plasticity training

Total Award: \$749,233

PI: Dougherty; Co-PI: Novick

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

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

Total Award: \$178,534

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

II.G.4. Current Internal Grants

2025 ARHU Faculty Funds Competition: Conference Support Grant, 3/1/25-9/1/25

Title: Connecting Minds, Building Bridges: Community Outreach in Language Processing Research

Total Award: \$5,000

PIs: Novick, Huang, Lidz

II.G.5. 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 Award: \$20,000

PIs: Novick and Huang

The Graduate School, Research & Scholarship Award, 6/2017-8/2017

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

Total Award: \$9,000

PI: Novick

II.G.6. Contracts (Completed)

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

Title: Effects of brain training on cognitive and language skills

Total Award: \$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 Award: \$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 Award: \$2,000,000

PI: Novick; Co-PIs: Haarmann and Kuchinsky

II.H. Centers for Research, Scholarship, and Creative Activities

II.H.1. Symposia Organized (through center)

1. **Novick, J. M.**, & Bunting, M. F. (August, 2011). International Workshop on Cognitive and Working Memory Training, Center for Advanced Study of Language, College Park, MD.
2. Bunting, M. F., & **Novick, J. M.** (August, 2013). "Languages for All" Symposium, Department of Defense and Center for Advanced Study of Language, College Park, MD.

II.I. Research Fellowships, Prizes, and Awards

Graduate, Phi Beta Kappa, Magna cum Laude with Honors in Research (1998)

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

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

"Researcher on the Rise", Center for Advanced Study of Language (2008)

Best Research Project, Cognitive Training, Center for Advanced Study of Language (2008)

Nominee, Presidential Early Career Award for Scientists and Engineers (2012)

III. Teaching, Extension, Mentoring, and Advising

III.A. Courses Taught in last five years

Undergraduate

HESP 300: Introduction to Psycholinguistics

Fall 2018 26 students
Fall 2019 44 students
Fall 2020 39 students (remote)
Spring 2024 29 students

HESP 214: The Research Behind Headlines on Words, Thought, and Behavior

Fall 2018 44 students
Spring 2019 45 students
Fall 2019 44 students
Spring 2020 45 students (transition mid-semester to remote learning due to COVID-19)
Fall 2020 44 students (remote)
Spring 2021 45 students (remote)
Spring 2022 45 students
Fall 2024 31 students
Spring 2025 30 students

HNUH 278A: The Research Behind Headlines on Words, Thought, and Behavior (Honors)

Spring 2022 60 students
Fall 2022 60 students
Spring 2023 60 students
Fall 2023 11 students

HONR 279Y: Honors Seminar in Language and Thought

Spring 2018 17 students
Spring 2020 19 students (transition to remote learning in March due to COVID-19)

HESP 468H: Honors Seminar, Professional Development in Research and Academia

Fall 2020 5 students (remote)
Spring 2021 5 students (remote)
Spring 2022 6 students
Fall 2022 7 students
Spring 2023 8 students
Fall 2023 7 students
Spring 2024 7 students
Fall 2024 7 students
Spring 2025 7 students

HESP 499, 469A/B, or 499H: Independent Study (UG Research, Honors Research, Teaching Assistant)

Fall 2018 1 student
Spring 2019 1 student
Fall 2019 1 student
Fall 2020 3 students
Spring 2021 4 students
Fall 2021 1 student
Spring 2022 2 students
Fall 2022 4 students

Spring 2023 3 students
Fall 2023 3 students
Spring 2024 2 students

Graduate

HESP 818C: Seminar in Language Processing

Spring 2019 10 students
Spring 2021 24 students (co-taught with Jeff Lidz in LING)

III.B. Teaching Innovations

III.B.1. Instructional Workshops and Seminars Established

Ph.D. Professional Development Series (2014 - 2019; with Yi Ting Huang)

Role: Organized, coordinated, and facilitated monthly seminar for doctoral students in HESP

Proseminar in Clinical Issues (2014 - 2015; with Yi Ting Huang)

Role: Co-developer. Organized, coordinated, and facilitated monthly seminar for HESP Ph.D. students that provided information about translational and applied issues within communication sciences and disorders.

III.B.2. Course or Curriculum Development

HESP 214. Should I Buy into That?: Comparing Media and Commercial Headlines with Scientific Evidence from Brain & Behavior Research. I conceptualized and designed new General Education course for I-Series and Freshman Connection; approved by UMD Fall 2017. (NB: in 2020, the course name changed to The Research Behind Headlines on Words, Thought, and Behavior)

HONR 279Y. Language and Thought: Insights from Brain Damage, Neuroimaging, & Bilingualism (new course developed for and adopted by UMD Honors College, 2015; met General Education Natural Science requirement)

HESP 468H. Professional Development in Research and Academia. In 2020, I co-created (with Matt Goupell) a 1-credit seminar for undergraduate honors students in the Department of Hearing and Speech Sciences. The seminar focuses on topics related to general research practices, including writing and oral presentations, and professional issues such as applying to graduate school and crafting personal narratives. This is a 3-semester sequence for honors students, which we teach every semester. The seminar also involves hands-on activities, including workshopping students' writing, giving feedback, and presenting research. The seminar has created a strong sense of community among students in the program.

In the Fall 2023 semester, I co-taught (with Matt Goupell and Bill Idsardi) a pilot professional development seminar for students in the R25-funded [UMD-REACH](#) program. This ongoing seminar is modeled after HESP 468H, due to its success.

HNUH "In a Word" Cluster for University Honors (UH). I was invited by UH to be a [Lead Faculty Fellow](#) (2020 - 2023) and develop a [multidisciplinary curriculum](#) composed of clusters of thematically related courses. At the heart of each cluster is an [I-Series](#) course taught by the cluster's Lead Faculty Fellow (the one I taught was 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. 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](#) about “In a Word”).

HESP 333. Professional Development in Hearing and Speech Sciences. In 2025, I initiated a 1-credit seminar for all majors in the Department of Hearing and Speech Sciences, building on the honors seminar (HESP 468H). This course introduces students to key professional issues in communication sciences and disorders, including research literacy, graduate school applications, and career pathways. The seminar emphasizes writing, oral communication, and hands-on activities to support students’ professional growth.

III.C. Advising: Research

III.C.1. Undergraduate

Undergraduate Research Honors Theses – Directed

1. Elinora Leonard (2015 - 2017)
2. Julie Knorr (2016 - 2018)
3. Madison Lenhart (2021 - 2023; Placement: MA in Speech-Language Pathology, University of Texas)
4. Avery Vess (2022 - 2024; winner, Honors College Research Grant; Outstanding Undergraduate Student Award; Thesis earned High Honors; BSOS Commencement Speaker; Placement: Lab Manager and Research Assistant with James Booth, Vanderbilt University Dept. of Psychology & Human Development)

Undergraduate Research Honors Theses – Committee Member

1. Kristen Grunewald (2009 - 2010)
2. Kayla Velnoskey (2011 - 2013)
3. Ashley Thomas (2015 - 2016)
4. Brooke Rothman (2016 - 2017)
5. Tiara Booth (2016 - 2017)
6. Hannah Sichel (2016 - 2017)
7. Rebecca Goodridge (2017 - 2018)
8. Jenna Nelson (2018 - 2019)
9. Rebecca Higgins (2019)
10. Alissa Cole (2019)
11. Marina Cox (2021)
12. Allison Godsey (2022 - 2023)
13. Sierra Hall (2023 – 2024; winner, Honors College Research Grant)

Undergraduate Research Assistants Mentored (Non-Honors)

1. Connor MacLaren (2013)
2. Ashley Thomas (2015, BSOS Summer Scholars)
3. Rebecca Newkirk (2015 - 2016)
4. Emory D’Andrea (2015 - 2016)
5. Nicole Grap (2015 - 2016)
6. Brooke Rothman (2015 - 2016)
7. Margaret Kelley (2015 - 2017)
8. Hannah Sichel (2015 - 2017)

9. Lauren Eisner (2016 - 2017)
10. Sarah Weinstein (2017)
11. Kara Schmidt (2019 - 2021)
12. Jenna Ringold (2022 - 2023)
13. Erica Wu (2024 - 2025, UMD REACH Program)
14. Sofia Ferraro (2025 - present)

III.C.2. Master's

Research Theses – Committee Member

1. Erin Hollister (2016)
2. Ran Li (2016 - 2017)
3. Isabel Martin (2016 - 2017)
4. Kerianna Frederick (2017 - 2018)
5. Nisha Sharma (2017 - 2018)
6. Megan Gehman (2018 - 2019)
7. Madeline Pifer (2018 - 2019)
8. Claire Crossman (2019 - 2020)
9. Sandra Guevara (2019 - 2020)
10. Minsun Kim (2019 - 2020)
11. Svetha Mohan (2020 - 2021)
12. Chidinma Ogbonna (2022 - 2023)
13. Amy Gionfriddo (2024 - 2025)
14. Allison Godsey (2024 - 2025)

III.C.3. Doctoral

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
Current Position: 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 Position: 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 Position: 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; UMD Dissertation Award

Placement: Post-doc, University of Pennsylvania (mentors: John Trueswell & Barbara Landau, Johns Hopkins University), NSF SBE Postdoc grant

5. Zachary Maher (2020 - 2023)
“Knowledge and processing of morphosyntactic variation in African American Language and Mainstream American English”
Awards: University of Maryland Flagship Fellowship (a multi-year enhancement award to recruit outstanding doctoral students to the University of Maryland); NSF Graduate Research Fellowship (Honorable Mention); 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, Penn State University (mentor: Janet Van Hell), NSF SBE Postdoc grant
6. Lauren Salig (2019 - 2024)
“How bilinguals’ comprehension of code-switches influences attention and memory”
Awards: University of Maryland Flagship Fellowship; 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; [William Orr Dingwall Dissertation Fellowship in the Cognitive, Clinical and Neural Foundations of Language](#)
Placement: Post-doc, University of Michigan (mentors: Ioulia Kovelman and Jonathan Brennan)
7. Kelly Marshall (2021 - present)
Projects: “The role of set shifting during conversational discourse in healthy adults and adults with Traumatic Brain Injury”
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; NIDCD travel award to attend the Clinical Aphasiology Conference; Winner, [P.E.O Scholar Award](#) (a competitive merit-based award recognizing excellence and achievement by women in doctoral-level programs)

Doctoral Dissertation and Qualifying Exam Committee Membership

1. Giovanna Morini (HESP, 2014)
2. Alison Shell (PSYC, 2014 - 2018)
3. Amritha Mallikarjun (NACS, 2014 - 2020)
4. Alix Kowalski (HESP, 2014 - 2018)
5. Brooke Okada (PSYC, 2016 - 2017)
6. Buthainah M. Al Thowaini (SLA, 2016 - 2018)
7. Benjamin Rickles (NACS, 2019 - 2023)
8. Rebecca Bieber (HESP, 2018 - 2021)
9. Julianne Garbarino (HESP, 2018 - 2021)
10. Michelle Erskine (HESP, 2020 - 2022)
11. Nick B. Pandža (SLAA, 2020 - 2021)
12. Jason Dunlap (NACS, 2021 - 2022)
13. Madison Buntrock (HESP, 2021 - 2022)
14. Erika Exton (HESP, 2021 - 2024)
15. Beth Mackey (SLAA, 2023)
16. Seongsil Lee (2020 - present)

III.C.4. Post-doctoral

1. Nina Hsu (2012 - 2017)
Projects: The effects of cognitive-control engagement on sentence processing and the neurobiological systems that support the 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); Health Science Policy Analyst, National Institute of Neurological Disorders and Stroke (NINDS)
Current Position: NIH Program Director in Neuroethics at NINDS
2. Tal Ness (2021 - 2023)
Projects: Cognitive control as a biasing mechanism during language comprehension
Placement and Current Position: Research Scientist, ai21Labs (Tel Aviv, Israel)
3. Valerie Langlois (University of Colorado, Boulder, co-mentor with Albert Kim, 2021 - present)
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

III.D. Advising: Other than Directed Research

III.D.1. Undergraduate

Mentoring of Teaching Assistants

1. Jennifer Chisholm (Spring 2014)
2. Courtney Wallace (Spring 2014)
3. Tamar Schulman (Fall 2014)
4. Brooke Rothman (Fall 2015)
5. Ashley Thomas (Fall 2015)
6. Lauren Wilson (Fall 2016)
7. Megan Fox (Fall 2016)
8. Nicole Grap (Spring 2017)
9. Amanda Eikenes (Fall 2017)
10. Alyssa Apsley (Fall 2017)
11. Audrey Donovan (Fall 2018)
12. Michaela Ehm (Fall 2019)
13. Sarah Elazar (Fall 2019)
14. Sarah Cusick (Fall 2019)
15. Chidinma Ogbonna (Spring 2020)
16. Yomna Nassar (Fall 2020)
17. Cameron Barnes (Fall 2020)
18. Mia Randall (Fall 2020)
19. Elisa Posner (Fall 2020)
20. Robyn Toler (Spring 2021)
21. Alessandra Molina (Spring 2021)
22. Alexa Moh (Spring 2022)
23. Sophie Bricker (Spring 2022)
24. Avery Vess (Spring 2024)
25. Amber Liu (Fall 2024)
26. Oriek Ockerman (Spring 2025)

III.D.2. Master's

Academic Advising for M.A. Speech-Language Pathology Students

2014 - 2016:	2 students
2015 - 2017:	7 students
2016 - 2018:	2 students
2017 - 2019:	4 students
2018 - 2020:	5 students
2019 - 2021:	2 students
2020 - 2022:	4 students
2021 - 2023:	4 students
2022 - 2024:	5 students
2024 - 2026:	5 students

Master's Candidacy Capstone Papers – Directed

1. Mariah Pranger (2016)
2. Christine del Toro (2017)
3. Karly Schwarz (2018)
4. Tracy Wong (2020)
5. Emily Sotzing (2020)
6. Lauren Eisner (2020)
7. Catherine Siebert (2020)
8. Joseph Nicol (2020)
9. Allison Granados - 2nd Reader (2020)
10. Rebecca Willman (2021)
11. Rachel Niemann (2021)
12. Emily Zeller (2021)
13. Clare Corbett (2021)
14. Kayla Horning (2021)
15. Elisa Rademacher (2021)
16. Jennifer Zuhl (2023)
17. Samantha Quiros (2023)
18. Michael Mentzel (2023)
19. Hannah Talbot (2023)
20. Sarah Comer (2023)
21. Maddie Trageser (2023)
22. Gabriela Cristina Teran - 2nd Reader (2024)
23. Logan Alley (2024)
24. Holly Ballentine (2024)
25. Hannah Shapiro (2025)
26. Tyla Smith (2025)
27. Madison Gould (2025)

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

1. Karly Schwarz (2016 - 2018)
2. Claire Crossman (2018 - 2020)
3. Amy Gionfriddo (2023 - 2024)

III.D.3. Doctoral

Program Planning Committee

1. Melissa Stockbridge (2014)
2. Julianne Garbarino (2017 - 2021)
3. Rebecca Bieber (2018 - 2021)
4. Arynn Byrd (2019 - 2021)
5. Kathleen Oppenheimer (2019 - 2022)
6. Madison Buntrock (2019 - 2021);
7. Erika Exton (2019 - 2022)
8. Jason Dunlap (2019 - 2021)
9. Rachel Thompson (2019 - 2021)
10. Seongsil Lee (2020-2024)

III.D.4. 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. Expert Consultant and Mentor for AP Psychology Research, Eleanor Roosevelt High School, Greenbelt, MD (2018)
5. Alison Robey, Ph.D., Research Assistant Professor in PSYC (2018 - 2022). Teaching mentor through several semesters to develop HESP 214 for Freshman Connection, including its online delivery during the COVID-19 pandemic.
6. American Speech-Language-Hearing Association MARC Mentoring Program (2019 - 2021). Mentored junior faculty in the field about writing and publishing.
7. 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.
8. SROP Summer Research Initiative (2023), Mentor/Advisor to Avery Vess
9. Continuous teaching mentorship for new instructors of HESP 214 (e.g., David Martinez, 2022 - 2023; Meghan Hersh, 2023; Seongsil Lee, 2024; Kelley Gunther, 2024).
10. In Fall 2024, I established a Teaching Assistant (TA) Cohort to enhance the professional development and teaching experiences of the 10 TAs who assist in our department each semester. Previously, TAs worked independently with their assigned mentors and courses, without coordinated interaction among their peers. The TA Cohort now holds regular meetings with me, providing a forum for shared pedagogical feedback, discussion of classroom experiences, and mutual support. This initiative fosters a sense of community among the TAs and ultimately improves the quality of instruction for undergraduate students.

III.E. Professional and Extension Education

III.E.1. Invited Guest Lectures

1. Psycholinguistics Graduate Seminar, Brain and Cognitive Sciences, MIT (2006)
2. Cognitive Psychology Graduate Seminar, Psychology, UMD (2008 - 2010)
3. Second Language Acquisition Graduate Seminar, UMD (2011)

4. Research Methods Graduate Seminar, Second Language Acquisition, Georgetown University (2011)
5. Brain and Language Graduate Seminar, Neuroscience, Georgetown University (2012 - 2018)
6. Johns Hopkins University Osher Neuroscience Program (2019)

III.F. Contribution to Learning Outcomes Assessment

Since 2022, as Director of Undergraduate Studies in HESP, I have been responsible for writing and updating new program-level learning outcomes, creating a curriculum map, and collecting and analyzing data each year to evaluate student learning. I summarize this yearlong effort in an annual program report to the College of Behavioral and Social Sciences, which outlines HESP's current learning outcomes, describes efforts to align learning experiences with these outcomes, and assesses the extent to which the outcomes are achieved. In 2020, HESP launched an overhaul of our undergraduate curriculum to include new learning outcomes targeting diversity, equity, inclusion, and belonging, which I helped usher into our program in 2022 and began assessing in 2023.

III.G. Teaching Awards or Other Special Recognition

1. Nominee, Women in Cognitive Science Mentorship Award, "for scientists who have demonstrated sustained, effective mentorship of female students." (2014)
2. 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)
3. Nominee, Donna B. Hamilton Award for Excellence in Undergraduate Teaching in a General Education Course (2023)
4. Outstanding Contributions to the University Honors Program as Lead Faculty Fellow (2023)

IV. Service and Outreach

IV.A. Editorships, Editorial Boards, and Reviewing Activities

IV.A.1. Reviewing Activities for Journals and Presses

1. *Acta Psychologica*
2. *American Journal of Speech-Language Pathology*
3. *Bilingualism: Language and Cognition*
4. *Brain and Language*
5. *Cognition*
6. *Cognitive Neuropsychology*
7. *Cortex*
8. *Developmental Psychology*
9. *Developmental Science*
10. *Human Brain Mapping*
11. *Journal of Cognitive Neuroscience*
12. *Journal of Experimental Child Psychology*
13. *Journal of Experimental Psychology: General*
14. *Journal of Experimental Psychology: Learning, Memory, and Cognition*
15. *Journal of Memory and Language*
16. *Journal of Neuroscience*
17. *Language, Cognition and Neuroscience*
18. *Language Learning*

19. *Language, Learning and Development*
20. *Language and Linguistics Compass*
21. *Memory and Cognition*
22. *NeuroImage*
23. *Neuropsychologia*
24. *NeuroReport*
25. *Proceedings of the Cognitive Science Society*
26. *Proceedings of the National Academy of Sciences of the United States of America*
27. *Psychological Science*
28. *Royal Society Open Science*
29. *Thinking & Reasoning*

IV.A.2. Reviewing Activities for Agencies and Foundations

1. National Science Foundation, CAREER Award (2012 - 2013)
2. Israel Science Foundation (2014)
3. National Science Foundation, Linguistics Program (2018 - 2020)
4. National Science Foundation, Division of Behavioral and Cognitive Sciences, Perception, Action, & Cognition Program (2020 - 2021)

IV.A.3. Reviewing Activities for Conferences

1. Architectures and Mechanisms for Language Processing
2. Cognitive Science Society
3. Conference on Human Sentence Processing
4. Cognitive Neuroscience Society Annual Meeting
5. Society for Neurobiology of Language Conference

IV.A.4. Reviewing Activities for Publishers

1. Sinauer Associates, chapter reviewer for 2nd Edition of *Language in Mind: An Introduction to Psycholinguistics*, by Julie Sedivy (2017)
2. Oxford University Press, Test Bank reviewer and contributor for 2nd Edition of *Language in Mind*. (2018)

IV.B. Committees, Professional & Campus Service

IV.B.1. Campus Service – Department, Programs, and Centers

Department of Hearing and Speech Sciences (HESP)

1. Executive/Faculty Affairs Committee, as Co-Director of HESP Ph.D. Program (2014 - 2020)
2. Faculty Search Committee for Professor in HESP and Associate Director of Maryland Language Science Center; hired Jan Edwards (2015)
3. Co-Coordinator, HESP Ph.D. Student Orientation (2014 - 2020)
4. Co-Developer & -Organizer of HESP-Fest, Ph.D. Recruitment Event (2015 - 2020)
5. Comprehensive Exam Re-Evaluation Committee for HESP Ph.D. Program (2018)
6. Committee for HESP Chair Evaluation and Term Renewal (2018)
7. Committee on Programs, Curricula and Courses (2018 - present)
8. Teaching Subcommittee on Increasing Diversity in Courses (2019 - 2021)
9. Diversity Committee (2020 - present)

10. Speech-Language Assistant Professor Search Committee (2022 - 2023)
11. Appointment, Evaluation, & Promotion Committee (for clinical faculty candidate; 2023 - 2024)
12. HESP Chair Search Committee (2023 - 2024)
13. Departmental Space Committee (2023 - present)
14. HESP Graduate Admissions Committee (AuD/MA SLP Programs; 2023 - present)
15. Faculty Mentor, Jennifer Myers, Assistant Professor in HESP (2024 - present)
16. Speech-Language Assistant Professor Search Committee through FAMILIE initiative (2024 - 2025)
17. Tenure Committee (for assistant professor candidate; 2025 - 2026)

Program in Neuroscience and Cognitive Science (NACS)

1. NACS Colloquium Series Committee (2014 - 2021)
2. Program Self-Study Committee (2021)
3. Director of Admissions and Associate Director of NACS Program (2021 - 2025)
4. NACS Graduate Committee (2021 - present)
5. Executive Committee, ex-officio member (2021 - 2025)

Maryland Language Science Center

1. Language Science Outreach, Northwood High School, Silver Spring, MD (2016)
2. Faculty Advisor, Graduate Student Winter Storm Planning Committee (2017)
3. Elected Member, Executive Steering Committee, which develops the LSC's goals (2023 - present)

Center for Advanced Study of Language (CASL)

1. Merit Review Committee (2008 - 2009)
2. Faculty Search Committee, Cognitive Neuroscience (2007 - 2008)
3. Faculty Search Committee, Second Language Acquisition (2008 - 2009)
4. Chair, Faculty Search Committee, Cognitive Neuroscience (2008 - 2009)
5. Lab Technician Search Committee, Cognitive Neuroscience (2010)
6. Assistant Director of Information Technology Search Committee (2010)
7. Shared Laboratory Development Committee with Psychology Department (2012)
8. Faculty Search Committee, fMRI Scientist (2012 - 2013)
9. Director, CASL Undergraduate Summer Scholars Program in Language Science (2015 - 2016)

IV.B.2. Campus Service – College

1. NACS Admissions Committee (2021 - present)
2. BSOS College Awards Review Committee (2022 - present)

IV.B.3. Campus Service – University

1. Reviewer, Maryland ADVANCE Seed Grant Program (2012)
2. University of Maryland Senate (2014 - 2019)
3. Reviewer, UMD Undergraduate Researchers of the Year Award (2021, 2022)
4. Reviewer for Maryland Summer Scholars Program (2023)
5. Representative from the College of Behavioral and Social Sciences on the campus-wide [Banneker/Key Scholarship](#) Interview Committee (2023, 2024). This is the most prestigious merit scholarship offered to academic undergraduate recruits at the University of Maryland.
6. Implementation Subcommittee Member, BSOS Strategic Plan – Teaching, Learning, and Student Success Priority Group (2024 - present)

IV.B.4. Leadership Roles in Meetings and Conferences

1. Symposium organized: International Workshop on Cognitive and Working Memory Training, College Park, MD (2011)
2. Symposium organized: “Languages for All” Symposium, Department of Defense and Center for Advanced Study of Language, College Park, MD (2013)
3. Action Editor & Co-Chair, Program Committee for Cognitive Science Society Meeting (2016, 2017)
4. Business Committee, Society for Human Sentence Processing (2017 - present)
5. Session Chair, Conference on Human Sentence Processing (2019, 2021)
6. Special Session Co-Organized, Cognitive Control and Language, Psychonomic Society (2022)
7. Executive Committee, Society for Human Sentence Processing (2023 - 2026)
8. Lead Organizer and Host, 38th Annual Conference on Human Sentence Processing. Special Session: “Connecting Minds, Building Bridges: Community Outreach in Language Processing Research” (2025)

IV.B.5. Grant Panels

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

IV.C. External Service and Consulting

IV.C.1. Consultancies

Research & Development Consultant, Educational Testing Service, Princeton, NJ (2005)

IV.E. Service Awards and Honors

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