

JARED M. NOVICK

Curriculum Vitae

Department of Hearing and Speech Sciences
Program in Neuroscience and Cognitive Science
2120 Lefrak Hall
University of Maryland
(301) 405-1288
jnovick1@umd.edu

EDUCATION

Ph.D., Cognitive Psychology, University of Pennsylvania (2005)
A.M., Cognitive Psychology, University of Pennsylvania (2001)
B.A., Brain and Cognitive Sciences, University of Rochester (1998)

POSITIONS HELD

Academic Appointments

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

Program in Neuroscience and Cognitive Science, University of Maryland
Core Faculty Member (2008 - present)

Maryland Language Science Center
Research Professor (2025 - present)
Associate Research Professor (2019 - 2025)
Assistant Research Professor (2014 - 2019)

University of Maryland Honors College
Lead Faculty Fellow (2020 - 2023)

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

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

Administrative Appointments

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

Program in Neuroscience and Cognitive Science, University of Maryland
Associate Director (2021 - 2025)
Director of Ph.D. Admissions (2021 - 2025)

Maryland Language Science Center
Elected Member, Executive Steering Committee (2023 - 2026)

Field Leadership

Society for Human Sentence Processing
Organizer and Host, 38th Annual Conference on Human Sentence Processing (2025)
Special Session: “*Connecting Minds, Building Bridges: Community Outreach in Language Processing Research*”
Executive Committee (2023 - 2026)
Business Committee (2017- present)

Professional Memberships

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

RESEARCH ACTIVITIES

Edited Book

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.

Journal Articles

Maher, Z., Vaughn, C., Edwards, J., & Novick, J. M. (in press). Listeners expect grammatical variation across dialects. *Journal of Experimental Psychology: Learning, Memory, and Cognition*.

Marshall, K., Vess, A., Novick, J. M., & Slevc, L. R. (in press). Topic shifts elicit switch costs in naturalistic discourse: Evidence from healthy adults and individuals with traumatic brain injury. *Language, Cognition, and Neuroscience*.

Salig, L., Valdés Kroff, J., Novick, J. M., & Slevc, L. R. (2026). Bilinguals have better recall of code-switched information. *Psychonomic Bulletin & Review*, 33(56), online first..

Kim, A. E., Langlois, V., Ness, T., Wade, M., & Novick, J. M. (2025). Resolving conflicting interpretations: The role of theta-band oscillations and cognitive control. *Neuropsychologia*, 10(217), 109214.

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.

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*, 10(4), 59.

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.

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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Nozari, N., & Novick, J. M. (2017). Conflict monitoring and control in language production. *Current Directions in Psychological Science*, 26(5), 403–410.
- 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.
- 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.
- 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.
- 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.
- 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.
- Hsu, N. S., Novick, J. M., & Jaeggi, S. M. (2014). The development and malleability of executive control abilities. *Frontiers in Behavioral Neuroscience*, 8:221.

- 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.
- 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.
- 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.
- Slevc, L. R., & Novick, J. M. (2013). Memory and cognitive control in an integrated theory of language processing. *Behavioral and Brain Sciences*, 36, 373–374.
- Hussey, E. K., & Novick, J. M. (2012). The benefits of executive control training and the implications for language processing. *Frontiers in Psychology*, 3:158.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

Manuscripts Submitted or in Revision

- Adler, R. M., Salig, L., Novick, J. M., & Huang, Y. T. (manuscript in revision). Context, conflict, and the time-course of interpreting irony. *Discourse Processes*.
- Wade, M., Ness, T., Langlois, V., Novick, J. M., & Kim, A. E. (manuscript in revision). To repair or imagine: Language comprehension as a matter of interpretive posture. *Glossa: Psycholinguistics*.
- Maher, Z., Edwards, J., & Novick, J. M. (manuscript in revision). Interpretation of morphosyntactic variation across dialect backgrounds. *Glossa: Psycholinguistics*.

Conferences, Workshops, and Talks

Published Conference Proceedings

Adler, R. M., Novick, J. M., & Huang, Y. (2016). The time course of verbal irony comprehension and context integration. In F. Salfner & U. Sauerland (Eds.), *Proceedings of Trends in Experimental Pragmatics*, XPRAG.de (pp. 1–9). Berlin, Germany.

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 A. H. Do, L. Dominguez, & A. Johansen (Eds.), *Proceedings of the 25th Boston University Conference on Language Development* (Vols. 1 & 2, pp. 59–69). Somerville, MA: Cascadilla Press.

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.), *Proceedings of the Conference on Cognitive Science*. Hillsdale, NJ: Erlbaum.

Invited Talks (Colloquia and Symposia listed separately below)

Novick, J. M. (2026, May). Code-switching as an attentional cue in bilingual comprehension. Language Science Lunch Talk Series, Language Science Center, University of Maryland.

Novick, J. M. (2023, May). Effects of cognitive control on real-time language comprehension. PULSAR Undergraduate Program, Language Science Center, University of Maryland.

Novick, J. M. (2013, May). 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.

Novick, J. M. (2010, February). A peek at parsing in patients: Broca's area, language processing, and the cognitive-control connection. Department of Psychology, Cognitive Neuroscience Group, Villanova University.

Novick, J. M. (2006, June). Conflict resolution and adaptation in language comprehension: Reaching out to the psychometric sciences. Division of Research & Development, Educational Testing Service.

Novick, J. M. (2005, August). 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.

Novick, J. M. (2004, June). Eye-tracking as a window to understanding language understanding. Institute for Research in Cognitive Science, University of Pennsylvania, Philadelphia, PA.

Novick, J. M. (2004, February). Broca's area and the role of selectional processes in language comprehension. National Science Foundation Review Committee for Science of Learning, Piscataway, NJ.

Novick, J. M. (2003, August). What do eye movements tell us about spoken language comprehension? Institute for Research in Cognitive Science Undergraduate Summer Workshop, University of Pennsylvania.

Papers Presented at Scientific Meetings

Salig, L., Valdés Kroff, J., Novick, J. M., & Slevc, L. R. (2025, June). Bilinguals recall code-switched information better than single-language information. Paper presented at the 15th International Symposium on Bilingualism, Donostia-San Sebastián, Spain.

- Langlois, V., Ness, T., Wade, M., Novick, J. M., & Kim, A. E. (2024, May). Cognitive control supports recovery from misanalysis: Evidence from neural oscillations. Paper presented at the 37th Annual Conference on Human Sentence Processing, Ann Arbor, MI.
- Maher, Z., Edwards, J., & Novick, J. M. (2024, May). 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.
- Ness, T., Langlois, V., Wade, M., Kim, A. E., & Novick, J. M. (2023, November). Cognitive control in language processing: The influence of cue reliability. Paper presented at the 64th Annual Meeting of the Psychonomic Society, San Francisco, CA.
- Maher, Z., Edwards, J., & Novick, J. M. (2023, October). Real-time interpretation of morphosyntactic variation across varieties and listeners. Paper presented at the 51st Annual Conference on New Ways of Analyzing Variation, New York, NY.
- Maher, Z., Edwards, J., & Novick, J. M. (2023, March). 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)
- Ness, T., Langlois, V., Novick, J. M., & Kim, A. E. (2023, February). Cognitive control in language processing: Evidence from neural oscillations. Paper presented at the 10th Israeli Conference on Cognition Research, Akko, Israel.
- Maher, Z., Edwards, J. R., & Novick, J. M. (2023, January). 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.
- Ness, T., Langlois, V., Chow, W., Phillips, C., Novick, J. M., & Kim, A. E. (2022, November). Cognitive control in thematic role assignment: Evidence from neural oscillations. Paper presented at the 63rd Annual Meeting of the Psychonomic Society, Boston, MA.
- Ovans, Z., Huang, Y., & Novick, J. M. (2022, November). 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.
- Maher, Z., Edwards, J. R., & Novick, J. M. (2021, September). 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).
- Salig, L., Valdés Kroff, J. R., Slevc, L. R., & Novick, J. M. (2021, May). Investigating the role of cognitive control during code-switched language comprehension. Paper presented at the 7th Annual Symposium on Language Research, UC Davis (virtual).
- Ovans, Z., Novick, J. M., & Huang, Y. (2021, March). 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).
- Ovans, Z., Novick, J. M., & Huang, Y. (2020, November). Engaging cognitive control helps children ignore unreliable sentence processing cues. Paper presented at the 45th Boston University Conference on Language Development, Boston, MA (virtual).
- Adler, R., Novick, J. M., & Huang, Y. (2018, March). Context, conflict, and the time course of interpreting irony. Paper presented at the 31st Annual CUNY Conference on Human Sentence Processing, Davis, CA.

- Adler, R., Valdes-Kroff, J., & Novick, J. M. (2017, June). Does code switching engage cognitive control? Paper presented at the 11th Annual International Symposium of Bilingualism, Limerick, Ireland.
- Huang, Y., Hsu, N., Gerard, J., Kowalski, A., & Novick, J. M. (2016, November). Cognitive-control effects on the kindergarten path: Separating correlation from causation. Paper presented at the 41st Boston University Conference on Language Development, Boston, MA.
- Adler, R., Novick, J. M., & Huang, Y. (2016, January). The time course of verbal irony comprehension and context integration. Paper presented at Trends in Experimental Pragmatics, Berlin, Germany.
- Hsu, N., & Novick, J. M. (2015, November). 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)**
- Hsu, N., & Novick, J. M. (2015, March). Dynamic engagement of cognitive control facilitates recovery from misinterpretation. Paper presented at the 28th Annual CUNY Conference on Human Sentence Processing, Los Angeles, CA.
- Hussey, E., Harbison, J. I., Mishler, A., Teubner-Rhodes, S. E., & Novick, J. M. (2013, March). 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.
- Nutile, L., Teubner-Rhodes, S., Drummey, A. B., Krupa, L., Novick, J. M., & Kan, I. P. (2011, November). Conflict adaptation across tasks: Evidence for domain-general cognitive control. Paper presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA.
- Teubner-Rhodes, S. E., Mishler, A., Corbett, R., Barrachina, L. A., Sanz-Torrent, M., Trueswell, J. C., & Novick, J. M. (2011, September). 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.
- Hussey, E. K., Teubner-Rhodes, S., Dougherty, M. R., Bunting, M. F., & Novick, J. M. (2011, August). 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.
- Hussey, E. K., Teubner-Rhodes, S., Dougherty, M. R., Bunting, M. F., & Novick, J. M. (2010, November). Training executive control functions improves garden-path recovery. Paper presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Haarmann, H. J., Grunewald, K., & Novick, J. M. (2010, November). Activation dynamics of creative intuition. Paper presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Hussey, E. K., Teubner-Rhodes, S., Dougherty, M. R., Bunting, M. F., & Novick, J. M. (2010, September). Improving garden-path recovery through cognitive control training. Paper presented at the Sixteenth Annual Conference on Architectures and Mechanisms for Language Processing, York, England.
- Trueswell, J. C., Gleitman, L. R., Novick, J. M., Choi, Y., & January, D. (2004, November). Referential scene contributions to structure, revisited. Paper presented at the Boston University Conference on Language Development, Boston, MA.
- Novick, J. M., Trueswell, J. C., January, D., & Thompson-Schill, S. L. (2004, September). 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.
- Novick, J. M., & Trueswell, J. C. (2002, March). 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.
- Novick, J. M., & Trueswell, J. C. (2001, November). 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.
- Novick, J. M., & Trueswell, J. C. (2001, September). Nipping spoken garden-paths in the bud: Lexical priming of argument structure during auditory language comprehension. Abstract appears in conference proceedings. Saarbrücken, Germany.
- Kim, A. E., Trueswell, J. C., & Novick, J. M. (2000, March). 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.
- Arnold, J., Novick, J. M., Brown-Schmidt, S., Eisenband, J., & Trueswell, J. C. (2000, November). 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.
- Hanna, J. E., Trueswell, J. C., Tanenhaus, M. K., & Novick, J. M. (1998, March). Consulting common ground during referential interpretation. Paper presented at the Eleventh Annual CUNY Conference on Human Sentence Processing, Rutgers University, New Brunswick, NJ.
- Posters Presented at Scientific Meetings
- Marshall, K., Slevc, L. R., & Novick, J. M. (2026, November). Conversational topics guide incremental reference resolution in real-time comprehension. Poster presented at the 67th Annual Meeting of the Psychonomic Society, San Diego, CA.
- Marshall, K., Kuchinsky, S. E., Novick, J. M., & Slevc, L. R. (2026, March). Tracking discourse status in real time after traumatic brain injury. Poster presented at the 39th Annual Conference on Human Sentence Processing, Cambridge, MA.
- Wade, M., Novick, J. M., & Kim, A. E. (2025, March). Conflict resolution during sentence processing elevates proactive cognitive control. Poster presented at the 38th Annual Conference on Human Sentence Processing, College Park, MD.
- Salig, L., Valdés Kroff, J., Novick, J. M., & Slevc, L. R. (2025, March). Intrasentential code-switches enhance recall in bilingual listeners. Poster presented at the 38th Annual Conference on Human Sentence Processing, College Park, MD.
- Wade, M., Langlois, V., Montiel, A., Ness, T., Novick, J. M., & Kim, A. E. (2024, November). Cognitive control supports recovery from misanalysis: Evidence from neural oscillations. Poster presented at the 65th Annual Meeting of the Psychonomic Society, New York, NY.
- Marshall, K., Vess, A., Slevc, L. R., & Novick, J. M. (2024, November). 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.
- Marshall, K., Vess, A., Slevc, L. R., & Novick, J. M. (2024, June). 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.
- Marshall, K., Vess, A., Slevc, L. R., & Novick, J. M. (2024, May). 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.
- Ness, T., Langlois, V., Kim, A. E., & Novick, J. M. (2023, November). Domain-general cognitive control in the processing of lexical ambiguity. Poster presented at the 64th Annual Meeting of the Psychonomic Society, San Francisco, CA.
- Marshall, K., Novick, J. M., & Slevc, L. R. (2023, November). 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.
- Maher, Z., Edwards, J., & Novick, J. M. (2023, November). Real-time grammatical interpretation across dialects and listeners. Poster presented at the 64th Annual Meeting of the Psychonomic Society, San Francisco, CA.
- Salig, L., Valdés Kroff, J. R., Slevc, L. R., & Novick, J. M. (2023, June). Code-switches modulate bilingual listeners' attention and memory. Poster presented at the 14th Biennial International Symposium on Bilingualism, Sydney, Australia.
- Ness, T., Langlois, V., Kim, A. E., & Novick, J. M. (2023, March). Cognitive control in language processing: The influence of cue reliability. Poster presented at the 35th Annual Human Sentence Processing Conference, Pittsburgh, PA.
- Langlois, V., Ness, T., Kim, A. E., & Novick, J. M. (2023, March). Using webcam eye-tracking to replicate subtle sentence processing effects. Poster presented at the 35th Annual Human Sentence Processing Conference, Pittsburgh, PA.
- Langlois, V., Ness, T., Novick, J. M., & Kim, A. E. (2023, March). 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.
- Ness, T., Langlois, V., Novick, J. M., & Kim, A. E. (2023, March). Sustained cognitive control affects sentence processing: Evidence from neural oscillations. Poster presented at the 35th Annual Human Sentence Processing Conference, Pittsburgh, PA.
- Maher, Z., Edwards, J., & Novick, J. M. (2022, November). 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.
- Salig, L., Valdés Kroff, J., Novick, J. M., & Slevc, L. R. (2022, November). Linking processing costs to distributional patterns of bilingual code-switching. Poster presented at the 63rd Annual Meeting of the Psychonomic Society, Boston, MA.
- Ness, T., Langlois, V., Chow, W., Phillips, C., Novick, J. M., & Kim, A. E. (2022, October). Cognitive control in thematic role assignment: Evidence from neural oscillations. Poster presented at the Society for the Neurobiology of Language Annual Meeting, Philadelphia, PA.
- Ovans, Z., Huang, Y., & Novick, J. M. (2022, March). Virtual-world eye-tracking: Replicating sentence processing effects remotely. Poster presented at the 34th Annual Human Sentence Processing Conference, Santa Cruz, CA (virtual).

- Maher, Z., Edwards, J., & Novick, J. M. (2021, November). 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).
- Salig, L., Valdés Kroff, J., Slevc, L. R., & Novick, J. M. (2021, November). 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).
- Salig, L., Valdés Kroff, J., Slevc, L. R., & Novick, J. M. (2021, July). Investigating the role of cognitive control in code-switch comprehension. Poster presented at the 13th International Symposium on Bilingualism, Warsaw, Poland (virtual).
- Ovans, Z., Huang, Y., & Novick, J. M. (2020, November). Cognitive-control engagement helps listeners use reliable cues to sentence interpretation. Poster presented at the 61st Annual Meeting of the Psychonomic Society, Austin, TX (virtual).
- Ovans, Z., Novick, J. M., & Huang, Y. (2020, March). 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).
- Ovans, Z., Novick, J. M., & Kim, A. E. (2019, November). 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.
- Hsu, N. S., Kuchinsky, S., & Novick, J. M. (2019, March). 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.
- Ovans, Z., Novick, J. M., & Huang, Y. (2018, November). Better to be reliable than early: Cognitive-control effects on developmental parsing. Poster presented at the 43rd Boston University Conference on Language Development, Boston, MA.
- Ovans, Z., Novick, J. M., & Huang, Y. (2018, November). 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.
- Ovans, Z., Novick, J. M., & Huang, Y. (2018, March). Better to be reliable than early: Cognitive-control effects on developmental parsing. Poster presented at the 31st Annual CUNY Conference on Human Sentence Processing, Davis, CA.
- Novick, J. M., Hsu, N., & Kim, A. E. (2018, March). P600 vs. N400 indicators of comprehension: Dynamic effects of cognitive-control engagement on real-time parsing. Poster presented at the 31st Annual CUNY Conference on Human Sentence Processing, Davis, CA.
- Novick, J. M., Hsu, N., & Kim, A. E. (2017, November). 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.
- Ogg, M., Okada, B., Novick, J. M., & Slevc, L. (2017, July). Musical processing relies on cognitive control. Poster presented at Society for Music Perception and Cognition Meeting, San Diego, CA.
- Huang, Y., Hsu, N., Gerard, J., Leonard, E., Kowalski, A., & Novick, J. M. (2017, March). Syntactic parsing with limited control: Effects on the kindergarten path. Poster presented at the 30th Annual CUNY Conference on Human Sentence Processing, Boston, MA.
- Adler, R., Novick, J. M., & Huang, Y. (2017, February). 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.

- Hsu, N. S., Kuchinsky, S. E., Thomas, A., & Novick, J. M. (2016, November). 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, MA.
- Adler, R., Valdes-Kroff, J., & Novick, J. M. (2016, November). The adjustment of bilinguals' cognitive control in code-switching environments. Poster presented at the Annual Meeting of the Psychonomic Society, Boston, MA.
- Hsu, N. S., Jaeggi, S. M., & Novick, J. M. (2016, August). 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.
- Huang, Y., Gerard, J., Hsu, N., Kowalski, A., & Novick, J. M. (2016, March). 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.
- Adler, R., Novick, J. M., & Huang, Y. (2016, March). 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.
- Hsu, N., Thomas, A., & Novick, J. M. (2016, March). 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.
- Mallikarjun, A., Novick, J. M., & Newman, R. (2015, November). Online processing of lexical tone by second language learners of Mandarin. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL.
- Teubner-Rhodes, S. E., Bolger, D. J., & Novick, J. M. (2014, November). The bilingual advantage and conflict adaptation: An fMRI investigation. Poster presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- Hsu, N., Jaeggi, S., & Novick, J. M. (2014, November). 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.
- Hsu, N., Jaeggi, S., & Novick, J. M. (2014, March). 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.
- Hussey, E., Veloskey, K., Harbison, J. I., Mishler, A., Teubner-Rhodes, S. E., & Novick, J. M. (2013, November). Memory and language improvements following cognitive control training. Poster presented at the 54th Annual Meeting of the Psychonomic Society, Toronto, ON.
- Hsu, N., Jaeggi, S., & Novick, J. M. (2013, November). 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.
- Teubner-Rhodes, S. E., Bolger, D. J., & Novick, J. M. (2013, November). 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.
- Teubner-Rhodes, S. E., Bolger, D. J., & Novick, J. M. (2012, November). 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.

- Hussey, E., Harbison, J. I., Mishler, A., Teubner-Rhodes, S. E., & Novick, J. M. (2012, November). Trainability and (selective) transferability of interference resolution skills. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Blok, S., Grunewald, K., Freynik, S., Novick, J. M., & Haarmann, H. J. (2012, November). Creative ideation under pressure. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Teubner-Rhodes, S. E., Kan, I. P., Drummey, A., & Novick, J. M. (2012, September). 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.
- Teubner-Rhodes, S. E., Mishler, A., Corbett, R., Barrachina, L. A., Sanz-Torrent, M., Trueswell, J. C., & Novick, J. M. (2012, March). 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.
- Nutile, L., Teubner-Rhodes, S., Drummey, A. B., Krupa, L., Novick, J. M., & Kan, I. P. (2011, June). Conflict adaptation across tasks: Evidence for domain-general cognitive control. Poster presented at the Annual Meeting of the Association for Psychological Science, Washington, DC.
- Hussey, E. K., Teubner-Rhodes, S., Dougherty, M. R., Bunting, M. F., & Novick, J. M. (2011, March). Improving garden-path recovery through cognitive control training. Poster presented at the 24th Annual CUNY Conference on Human Sentence Processing, Palo Alto, CA.
- Hussey, E. K., Teubner-Rhodes, S., Dougherty, M. R., Bunting, M. F., & Novick, J. M. (2011, February). Improving sentence comprehension through cognitive training. Poster presented at the Annual Meeting of the American Association for the Advancement of Science, Washington, DC.
- Atkins, S. M., Dougherty, M. R., Harbison, J. I., Novick, J. M., & Bunting, M. F. (2010, November). Persistence and transferability of working memory training over time. Poster presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Haarmann, H. J., George, T., Dien, J., Chrabaszcz, J., Smaliy, A., Freynik, S., & Novick, J. M. (2010, April). Creative cognition benefits from incubation with neurofeedback. Poster presented at the Cognitive Neuroscience Society Annual Meeting, Montreal, Canada.
- Hussey, E., Teubner-Rhodes, S., Dougherty, M., & Novick, J. M. (2010, March). 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.
- Novick, J. M., Smaliy, A., Clausner, T., & Haarmann, H. J. (2009, November). Sensitivity of lexical-semantic competition to accumulation of shared meaning. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.
- Harbison, J. I., Atkins, S. M., Dougherty, M. R., Bunting, M. F., Novick, J. M., Weems, S. A., Hussey, E. K., & Teubner-Rhodes, S. (2009, November). Performance gains in an adaptive n-back working memory training task. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.
- Hussey, E. K., Teubner-Rhodes, S., Dougherty, M. R., & Novick, J. M. (2009, November). The effect of affect on cognitive control and sentence processing. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.
- Novick, J. M., Thothathiri, M., Thompson, T., Gibson, E., & Gabrieli, J. D. E. (2009, September). 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.

- Thothathiri, M., Novick, J. M., Thompson, T., Gibson, E., & Gabrieli, J. D. E. (2009, June). 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.
- Haarmann, H. J., George, T. G., Smaliy, A., Grunewald, K., & Novick, J. M. (2009, March). Alpha neurofeedback training and its implications for studies of cognitive creativity. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.
- Novick, J. M., Trueswell, J. C., January, D., & Thompson-Schill, S. L. (2004, November). 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.
- Novick, J. M., January, D., Trueswell, J. C., & Thompson-Schill, S. L. (2004, March). 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.
- Arnold, J., Brown-Schmidt, S., Novick, J. M., & Trueswell, J. C. (2001, March). 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.
- Palumbo, D., Novick, J. M., Schifitto, G., & McDermott, M. (1998, March). Neuropsychological screening in an HIV+ patient population: Correlations to neurologic measures and CD4 count. Poster presented at the American Neuropsychiatric Association, Honolulu, HI.
- Hanna, J. E., Trueswell, J. C., Tanenhaus, M. K., & Novick, J. M. (1997, August). Consulting common ground during referential interpretation. Poster presented at the 19th Annual Conference of the Cognitive Science Society, Palo Alto, CA.

Invited Symposia

- Novick, J. M. (2018, May). Effects of cognitive control on real-time sentence comprehension. In Symposium on Mechanisms and Boundaries of Cognitive Control, Association for Psychological Science, San Francisco, CA.
- Novick, J. M., Hsu, N., Hussey, E., Teubner-Rhodes, S., & Kan, I. P. (2016, May). Cognitive control and language processing: Evidence for a causal connection. In Symposium on Cognitive Control and Language Processing in Bilinguals and Monolinguals, International Meeting of the Psychonomic Society, Grenada, Spain.
- Kan, I. P., Teubner-Rhodes, S., Drummey, A. B., & Novick, J. M. (2014, May). To adapt or not to adapt: The question of domain-general cognitive control. In Symposium on Bounded Generality of Cognitive Control: Congruence-Sequence Effects across Stimulus, Response, and Task Dimensions, Association for Psychological Science, San Francisco, CA.
- Novick, J. M., Teubner-Rhodes, S., Hussey, E., Thompson-Schill, S. L., & Trueswell, J. C. (2013, November). The bilingual advantage in cognitive control and parsing: Can we train monolinguals to achieve similar benefits? In Symposium on Experience-Induced Plasticity: Evidence from Bilingualism, 54th Annual Meeting of the Psychonomic Society, Toronto, Canada.

Trueswell, J. C., Novick, J. M., & Choi, Y. (2009, October). The role of cognitive control in the development of children's sentence parsing abilities. In Special Symposium on the Interplay Between Language Development and Cognitive Control Processes, Cognitive Developmental Society, VI Biennial Meeting, San Antonio, TX.

Novick, J. M., Trueswell, J. C., & Thompson-Schill, S. L. (2004, November). Using eye-tracking to study spoken language processing: Theoretical and clinical implications. In Symposium at the Convention for the American Speech-Language Hearing Association, Philadelphia, PA.

Workshops

Hussey, E., Teubner-Rhodes, S., Mishler, A., Harbison, J. I., & Novick, J. M. (2013, February). Malleability of cognitive control and its effects on language processing. Workshop on Working-Memory Training, College Park, MD.

Hsu, N., Jaeggi, S., & Novick, J. M. (2013, February). Machine learning of brain activity: Predicting cognitive plasticity across memory and language domains. Workshop on Working-Memory Training, College Park, MD.

Sloggett, S., Teubner-Rhodes, S., & Novick, J. M. (2010, September). Eye-tracking workshop. Second Language Research Forum, College Park, MD.

Invited Colloquia

Novick, J. M. (2026, February). Code-switching as an attentional cue in bilingual comprehension. Integrated Language Science and Technology (ILST) Series, Departments of Psychology and Linguistics, University of Pennsylvania.

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

Novick, J. M. (2022, February). The state of cognitive control in language processing. Bilingualism, Mind, & Brain Group, University of California, Irvine.

Novick, J. M. (2021, December). Cognitive control as a biasing mechanism and its influence on sentence processing. Modal & Amodal Cognition Research Unit, University of Tübingen (via Zoom).

Novick, J. M. (2021, October). Moving from bilingual traits to states: Comparing two approaches to bilingualism and cognition. Psycholinguistics Group, UiT the Arctic University of Norway (with Lauren Salig and Jorge Valdés Kroff).

Novick, J. M. (2021, May). 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.

Novick, J. M. (2020, October). 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.

- Novick, J. M. (2017, October). Tending the garden-path: How cognitive-control engagement facilitates real-time sentence revision. Departments of Linguistics and Psychology, University of Pennsylvania, Philadelphia, PA.
- Novick, J. M. (2016, May). Cognitive control and language processing: Evidence for a causal connection. Department of Human Development and Quantitative Methodology, University of Maryland, College Park.
- Novick, J. M. (2014, March). Broca's area, language processing, and the benefits of cognitive control training. Psychology Department, Villanova University.
- Novick, J. M. (2014, January). Cognitive-control and language processing: Causal evidence from monolinguals and bilinguals. Language Science IGERT Winter Storm Colloquium, University of Maryland, College Park.
- Novick, J. M. (2012, April). Broca's area and language processing: Evidence for the cognitive-control connection. Department of Hearing and Speech Sciences, University of Maryland, College Park.
- Novick, J. M. (2011, May). Broca's area, language processing, and working-memory training: Evidence for the cognitive-control connection. Department of Basic Psychology, University of Barcelona, Spain.
- Novick, J. M. (2010, January). 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.
- Novick, J. M. (2008, October). 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.
- Novick, J. M. (2007, April). 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.
- Novick, J. M. (2007, February). Cognitive control and parsing: A new view of Broca's area? Psychology Department, Skidmore College.
- Novick, J. M. (2006, December). Taking a glance at sentence processing: Comparing eye-movements in healthy adults and patients with damage to Broca's area. Psychology Department, Swarthmore College.
- Novick, J. M. (2005, May). The role of the LIFG and cognitive control in sentence comprehension. Psychology Department, Rice University.

Funding

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

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 (collaborative research with Al Kim, CU Boulder)
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 (Ph.D. 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)

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

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

Contracts

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

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, 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

Centers for Research, Scholarship, and Creative Activities

Symposia Organized (through center)

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.

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.

Research Awards

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

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

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

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

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

TEACHING AND MENTORING

Courses Regularly Taught Since 2019

Undergraduate

Introduction to Psycholinguistics (~35 students per semester)

The Research Behind Headlines on Words, Thought, and Behavior (~ 45 students per semester)

Honors Seminar in Language and Thought (~12 students per semester)

Honors Seminar, Professional Development in Research and Academia (~7 students per semester)

Independent Study (UG Research, Honors Research; ~3 students per semester)

Graduate

Seminar in Language Processing (~17 students per semester; recently co-taught with Jeff Lidz)

Teaching Innovations

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.

Course or Curriculum Development

HESP 214. The Research Behind Headlines on Words, Thought, and Behavior. Designed new General Education course on scientific literacy in cognitive science.

HONR 279Y. Language and Thought: Insights from Brain Damage, Neuroimaging, & Bilingualism (new course adopted by UMD Honors College, 2015; met General Education Natural Science requirement)
HESP 468H. Professional Development in Research and Academia. 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. The seminar also involves hands-on activities, including writing workshops, giving feedback, and presenting research.

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.

University Honors (UH) “In a Word” Cluster. 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 a Big Question course that explores a major issue of contemporary and enduring significance and accommodates 60 UH students. The theme of each cluster is engaged from multiple disciplinary perspectives across the other seminars in the cluster.

HESP 333. Professional Development in Hearing and Speech Sciences. In 2025, I designed 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 professional growth.

Advising: Research

Undergraduate

Undergraduate Research Honors Theses – Directed

- Gurnoor Sodhi (2026 - present)
- 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); Current: PhD Program in Neuroscience, Vanderbilt
- Madison Lenhart (2021 - 2023; Placement: MA in Speech-Language Pathology, University of Texas)
- Julie Knorr (2016 - 2018)
- Elinora Leonard (2015 - 2017)

Undergraduate Research Honors Theses – Committee Member

- Served on 17+ honors thesis committees in HESP/NEUR

Undergraduate Research Assistants Mentored (Non-Honors)

- Mentored 16 lab research assistants

Master's

Research Theses – Committee Member

– Served on 14 MA thesis committees

Doctoral

Doctoral Dissertation Advising or Co-Advising

Kelly Marshall (2021 - 2026)

“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; P.E.O Scholar Award

Placement: Research Scientist, Johns Hopkins University Applied Physics Lab

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; Nancy Anderson Graduate Scholarship in Cognitive Psychology; P.E.O Scholar Award; 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)

Current: Assistant Professor of Psychology, The College of New Jersey

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); 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

Current: Assistant Professor of Linguistics, Montclair State University

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), NSF SBE Postdoc grant

Rachel Adler (2013 - 2018)

“Toward a psycholinguistic model of irony comprehension”

Placement: Data Scientist, Financial Industry Regulatory Authority

Current Position: Data Scientist and Software Developer, Bloomberg

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

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

Doctoral Dissertation and Qualifying Exam Committee Membership

- Served on 20+ doctoral dissertation and qualifying exam committees across Hearing and Speech Sciences, Neuroscience and Cognitive Science, Psychology, and Second Language Acquisition

Post-doctoral Mentorship

Valerie Langlois (2021 - 2024; University of Colorado, Boulder, co-mentor with Albert Kim)

Placement: Applied Data Scientist, U.S. Government Contractor

Tal Ness (2021 - 2023; co-mentor with Albert Kim)

Placement: Research Scientist, ai21Labs, Tel Aviv, Israel

Nina Hsu (2012 - 2017)

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

Advising: Other than Directed Research

Undergraduate

- Mentored 30 undergraduate TAs

Master's

- Academic Advising for 40+ MA Speech-Language Pathology Students
- Directed 30 MA Candidacy Capstone Papers
- Mentored 3 MA Graduate Assistants (Lab Manager)

Other Advising and Mentoring Activities

Summer Research Initiative (2023, 2026), Mentor/Advisor to Avery Vess & Gurnoor Sodhi
BSOS “Buddies” Mentoring Program (2020 - 2021). Mentored Ph.D. students outside HESP/NACS
American Speech-Language-Hearing Association MARC Mentoring Program (2019–2021)
Alison Robey, Ph.D., Research Assistant Professor in PSYC (2018–2022). Teaching mentor
Mentor for AP Psychology Research, Eleanor Roosevelt High School, Greenbelt, MD (2018)
Anne Beatty-Martinez (2017). Ph.D. student visiting my lab for two weeks from Penn State
Maryland Summer Scholars Program (2016) – Mentor/Advisor to Ashley Thomas
David del Rio (Summer 2014). Visiting Scientist from Complutense University of Madrid, Spain.

Professional and Extension Education

Invited Guest Lectures

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

Teaching Awards or Other Special Recognition

Nominee, Wayne V. McIntosh Mentorship Award (2026)
Outstanding Contributions to the University Honors Program as Lead Faculty Fellow (2023)
Nominee, Donna Hamilton Award for Excellence in UG Teaching in a General Education Course (2023)
Excellence in Teaching Award, College of Behavioral and Social Sciences, Univ. of Maryland, (2018)
Nominee, Women in Cognitive Science Mentorship Award (2014)

SERVICE

Editorships, Editorial Boards, and Reviewing Activities

Reviewing Activities for Journals and Presses

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; Psychological Science; Royal Society Open Science; Thinking & Reasoning

Ad Hoc Reviewing Activities for Agencies and Foundations

National Science Foundation, CAREER Award
Israel Science Foundation
National Science Foundation, Linguistics Program
National Science Foundation, Division of Behavioral and Cognitive Sciences

Ad Hoc Reviewing Activities for Conferences

Architectures and Mechanisms for Language Processing
Cognitive Science Society
Conference on Human Sentence Processing
Cognitive Neuroscience Society Annual Meeting
Society for Neurobiology of Language Conference

Reviewing Activities for Publishers

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

Committees, Professional & Campus Service

Campus Service – Department, Programs, and Centers

Department of Hearing and Speech Sciences (HESP)

Promotion Committee (candidate for promotion to associate clinical professor; 2026 - 2027)
Tenure Committee (candidate for promotion to associate professor; 2025 - 2026)
Speech-Language Assistant Professor Search Committee through FAMILE initiative (2024 - 2025)
Faculty Mentor, Jennifer Myers, Assistant Professor (2024 - present)
Graduate Admissions Committee (AuD/MA SLP Programs; 2023 - present)
Departmental Space Committee (2023 - 2024)
HESP Chair Search Committee (2023 - 2024)
Appointment, Evaluation, & Promotion Committee (for clinical faculty; 2023 - 2024; 2025 - 2026)
Direct undergraduate learning outcomes assessment (2022 - present)
Speech-Language Assistant Professor Search Committee (2022 - 2023)
Diversity, Equity, and Inclusion Committee (2020 - present)
Teaching Subcommittee on Increasing Diversity in Courses (2019 - 2021)
Committee on Programs, Curricula and Courses (2018 - present)
Committee for HESP Chair Evaluation and Term Renewal (2018)
Comprehensive Exam Re-Evaluation Committee for HESP PhD Program (2018)
Co-Developer & -Organizer of HESP-Fest, PhD Recruitment Event (2015 - 2020)
Faculty Search Committee for Professor in HESP and Associate Director of Maryland Language Science Center; hired Jan Edwards (2015)
Co-Coordinator, HESP PhD Student Orientation (2014 - 2020)
Executive/Faculty Affairs Committee, as Co-Director of HESP PhD Program (2014 - 2020)

Program in Neuroscience and Cognitive Science (NACS)

Executive Committee, ex-officio member (2021 - 2025)
NACS Graduate Committee (2021 - 2025)
Director of Admissions and Associate Director of NACS Program (2021 – 2025)
Program Self-Study Committee (2021)
NACS Colloquium Series Committee (2014 – 2021)

Maryland Language Science Center

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

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

Campus Service – College of Behavioral and Social Sciences (BSOS)

Dean's Strategic Plan Implementation Subcommittee on Teaching, Learning, and Student Success (2024 - present)

BSOS College Awards Review Committee (2022 - 2024)

Campus Service – University

Campus Appointment, Promotion, and Tenure Committee – BSOS Representative (2026 - 2027)

Representative from BSOS on the campus-wide Banneker/Key Scholarship Interview Committee (2023, 2024). This is the most prestigious merit scholarship offered to undergraduate recruits at the University of Maryland.

Reviewer for Maryland Summer Scholars Program (2023)

Reviewer, UMD Undergraduate Researchers of the Year Award (2021, 2022)

University of Maryland Senate (2014 – 2019)

Reviewer, Maryland ADVANCE Seed Grant Program (2012)

Leadership Roles in Meetings and Conferences

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

Action Editor & Co-Chair, Program Committee for Cognitive Science Society Meeting (2016, 2017)

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

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

Grant Panels

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

External Service

The Meliora Collective: Mentor University of Rochester students through personal and professional development (2025-2026)

Tenure and Promotion reviewer for multiple universities since 2020

Service Awards and Honors

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