

Jennifer E. Mack

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EDUCATION

2010	Ph.D., Linguistics	Yale University, New Haven, CT
2006	M.A., Linguistics	Yale University, New Haven, CT
2004	B.A., Linguistics	Rice University, Houston, TX

PROFESSIONAL EMPLOYMENT

2018-	Assistant Professor Department of Communication Disorders, University of Massachusetts-Amherst
2018-	Core Faculty Member Neuroscience and Behavior Graduate Program, University of Massachusetts-Amherst
2014-2017	Research Assistant Professor Roxelyn & Richard Pepper Department of Communication Sciences and Disorders, Northwestern University
2013-2014	Research Associate Roxelyn & Richard Pepper Department of Communication Sciences and Disorders, Northwestern University
2011-2012	Postdoctoral Fellow Roxelyn & Richard Pepper Department of Communication Sciences and Disorders, Northwestern University
2010	Postdoctoral Fellow Departments of Psychological & Brain Sciences and Linguistics, University of Massachusetts-Amherst

RESEARCH GRANTS

2018-2019	Using our eyes to help us understand: The neural substrates of visual attention during sentence comprehension Institute for Applied Life Sciences, University of Massachusetts-Amherst
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	Human Magnetic Resonance Center Pilot Grant Program Role: PI	\$8795
2017	Neurolinguistic investigations of aphasia and recovery National Institute on Deafness and Other Communication Disorders R01-DC001948 Role: Co-Investigator (PI: Cynthia K. Thompson) This is a 5-year grant (2017-2021). I was Co-Investigator in 2017 while employed at Northwestern University. Total direct costs for the 5 year period are listed.	\$1,678,390
2017	Language in Primary Progressive Aphasia National Institute on Deafness and Other Communication Disorders R01-DC008552 Role: Co-Investigator (PI: M.-Marsel Mesulam) This is a 5-year grant (2017-2022). I was Co-Investigator in 2017 while employed at Northwestern University. Total direct costs for the 5 year period are listed.	\$2,022,584
2015-2017	Neurobiology of language recovery in aphasia: Natural history and treatment-induced recovery National Institute on Deafness and Other Communication Disorders P50-DC012283 Role: Co-Investigator (PI: Cynthia K. Thompson) This was a 5-year grant (2013-2017). I was Co-Investigator from 2015-2017 while employed at Northwestern University. Total direct costs for the 5 year period are listed.	\$11,273,744
2015-2016	Relating linguistic prediction and integration in agrammatic aphasia Northwestern University Clinical and Translational Sciences Institute Voucher Program Role: PI (with Cynthia K. Thompson)	\$1300

HONORS AND AWARDS

2019-2021	Advancing Academic-Research Careers (AARC) Award, American Speech-Language-Hearing Association
2003, 2007	Linguistic Society of America Summer Institute Fellowship

PUBLICATIONS AND PRESENTATIONS

PEER-REVIEWED JOURNAL ARTICLES

- 2021 **Mack, J. E.**, Ward, C., & Stratford, S. Impact of the fMRI environment on eye-tracking measures in a linguistic prediction task. *Language, Cognition, and Neuroscience*. DOI: <https://doi.org/10.1080/23273798.2021.1874442>
- Mack, J. E.**, Barbieri, E., Weintraub, S., Mesulam, M.-M., & Thompson, C. K. Quantifying grammatical impairments in primary progressive aphasia: Structured language tests and narrative language production. *Neuropsychologia*, 151, 107713.

- Walenski, M., **Mack, J. E.**, Mesulam, M.-M., & Thompson, C. K. Thematic integration impairments in primary progressive aphasia: Evidence from eye-tracking. *Frontiers in Human Neuroscience*, *14*: 587594
- 2020 Higgins, J., Barbieri, E., Wang, X., **Mack, J. E.**, Caplan, D., Kiran, S., Rapp, B., Thompson, C., Zinbarg, R., & Parrish, T. Reliability of BOLD signals in chronic stroke-induced aphasia. *European Journal of Neuroscience*, *52* (8): 3963-3978.
- Thompson, C. K., Barbieri, E., **Mack, J. E.**, Wilkins, A., & Xie, K. Y. Plasticity of sentence processing networks: Evidence from a patient with agrammatic variant of Primary Progressive Aphasia (PPA). *Neurocase*. DOI: <https://doi.org/10.1080/13554794.2020.1862241>
- 2019 **Mack, J.E.**, Mesulam, M. M., Rogalski, E. J., & Thompson, C. K. Verb-argument integration in primary progressive aphasia: Real-time argument access and selection. *Neuropsychologia*, *134*, 107192.
- Barbieri, E., **Mack, J. E.**, Chiappetta, B., Europa, E., & Thompson, C. K. Recovery of offline and online sentence processing in aphasia: Language and domain-general network neuroplasticity. *Cortex*, *120*, 394-418.
- 2017 **Mack, J. E.**, Nerantzini, M., & Thompson, C. K. Recovery of sentence production processes following language treatment in aphasia: Evidence from eyetracking. *Frontiers in Human Neuroscience*, *11*, Article 101.
- Mack, J. E.** & Thompson, C. K. Recovery of online sentence processing in aphasia: Eye movement changes resulting from Treatment of Underlying Forms. *Journal of Speech, Language, and Hearing Research*, *60*, 1299-1315.
- 2016 **Mack, J. E.**, Wei, A. Z., Gutierrez, S., & Thompson, C. K. Tracking sentence comprehension: Test-retest reliability in people with aphasia and unimpaired adults. *Journal of Neurolinguistics*, *40*, 98-111.
- Cho-Reyes, S., **Mack, J. E.**, & Thompson, C. K. Grammatical encoding and learning in agrammatic aphasia: Evidence from structural priming. *Journal of Memory and Language*, *91*, 202-218.
- 2015 **Mack, J. E.**, Chandler, S. D., Meltzer-Asscher, A., Rogalski, E., Weintraub, S., Mesulam, M. M., & Thompson, C. K. What do pauses reveal about the nature of word retrieval deficits in PPA? *Neuropsychologia*, *77*, 211-222.
- Meltzer-Asscher, A., **Mack, J. E.**, Barbieri, E., & Thompson, C. K. How the brain processes argument structure complexity: Evidence from fMRI. *Brain and Language*, *142*, 65-75.
- 2014 Thompson, C. K. & **Mack, J. E.** Grammatical impairments in PPA. *Aphasiology*, *28* (8-9), 1018-1037.

2013 **Mack, J. E.**, Cho-Reyes, S., Kloet, J. D., Weintraub, S., Mesulam, M. M., & Thompson, C. K. Phonological facilitation of object naming in agrammatic and logopenic primary progressive aphasia (PPA). *Cognitive Neuropsychology*, *30*, 172-193.

Mack, J. E., Ji, W., & Thompson, C. K. Effects of verb meaning on lexical integration in agrammatic aphasia: Evidence from eyetracking. *Journal of Neurolinguistics*, *26*, 619-636.

Mack, J. E., Meltzer-Asscher, A., Barbieri, E., & Thompson, C. K. Neural correlates of processing passive sentences. *Brain Sciences*, *3*, 1198-1214.

2012 **Mack, J. E.**, Clifton, C., Frazier, L., & Taylor, P. V. (Not) hearing optional subjects: The effects of pragmatic usage preferences. *Journal of Memory and Language*, *67*, 211-223.

Meyer, A. M., **Mack, J. E.**, & Thompson, C. K. Tracking passive sentence comprehension in agrammatic aphasia. *Journal of Neurolinguistics*, *25*, 31-43.

BOOK CHAPTERS

2019 Thompson, C. K. & **Mack, J. E.** Neurocognitive mechanisms of agrammatism. In De Zubicaray, G. and Schiller, N. O. (Eds.), *Oxford Handbook of Neurolinguistics*. Oxford University Press.

PEER-REVIEWED CONFERENCE PROCEEDINGS/CONFERENCE ABSTRACTS

2018 Barbieri, E., **Mack, J. E.**, Chiappetta, B., Europa, E., & Thompson, C. K. Neurocognitive sequela of non-canonical sentence comprehension in chronic agrammatic aphasia: Eye movement and fMRI correlates of behavioral recovery. *Frontiers in Human Neuroscience Conference Abstract: 56th Annual Academy of Aphasia Meeting*. DOI: 10.3389/conf.fnhum.2018.228.00023

2017 **Mack, J. E.**, Mesulam, M.M., & Thompson, C. K. Understanding and combining words during sentence comprehension in primary progressive aphasia. *Frontiers in Psychology Conference Abstract: 55th Annual Academy of Aphasia Meeting*. DOI: 10.3389/conf.fnhum.2017.223.00011

2016 **Mack, J. E.**, Nerantzini, M., Walenski, M., Liao, M., & Thompson, C. K. Recovery of sentence production processes following language treatment in aphasia: Evidence from eyetracking. *Frontiers in Psychology Conference Abstract: 54th Annual Academy of Aphasia Meeting*. DOI: 10.3389/conf.fpsyg.2016.68.00036

2015 Barbieri, E., **Mack, J. E.**, Chandler, S. D., Mesulam, M. M., & Thompson, C. K. Grammatical production deficits in PPA: Relating narrative and structured task performance. *Frontiers in Psychology Conference Abstract: 53rd Annual Academy of Aphasia Meeting*. DOI: 10.3389/conf.fpsyg.2015.65.00010

Mack, J. E., Gutierrez, S., Mesulam, M. M. & Thompson, C. K. Online sentence comprehension in PPA: Verb-based prediction and integration. *Frontiers in Psychology Conference Abstract: 53rd Annual Academy of Aphasia Meeting*. DOI: 10.3389/conf.fpsyg.2015.65.00026

- 2014 Wei, A., **Mack, J. E.**, & Thompson, C. K. Reliability of visual-world eyetracking for lexical and sentence comprehension tasks. *Frontiers in Psychology Conference Abstract: 52nd Annual Academy of Aphasia Meeting*. DOI: 10.3389/conf.fpsyg.2014.64.00032
- Fraser, K. C., Hirst, G., Meltzer, J. A., **Mack, J. E.**, Thompson, C. K. Using statistical analysis parsing to detect agrammatic aphasia. *Proceedings of the 2014 Workshop on Biomedical Natural Language Processing (BioNLP)* (pp. 134-142). Stroudsburg, PA: Association for Computational Linguistics (ACL).
- 2013 **Mack, J. E.**, Meltzer-Asscher, A., Dove, S., Weintraub, S., Mesulam, M. M., & Thompson, C. K. Word-finding pauses in primary progressive aphasia (PPA): Effects of lexical category. *Procedia – Social and Behavioral Sciences: 51st Academy of Aphasia Proceedings, 94*, 129-130.
- 2012 **Mack, J. E.**, Ji, W., & Thompson, C. K. Verb-based facilitation of argument processing in agrammatic aphasia: Evidence from eyetracking. *Procedia – Social and Behavioral Sciences: 50th Academy of Aphasia Proceedings, 61*, 269-270.
- Meltzer-Asscher, A., Kielar, A., **Mack, J. E.**, Weintraub, S., Mesulam, M. M., & Thompson, C. K. Electrophysiological responses to semantic and argument structure violations in agrammatic primary progressive aphasia. *Procedia – Social and Behavioral Sciences: 50th Academy of Aphasia Proceedings, 61*, 266-268.
- Thompson, C. K., Lee, J., & **Mack, J. E.** Verbal morphology in agrammatic and anomic aphasia: Comparison of structured vs. narrative elicitation tasks. *Procedia – Social and Behavioral Sciences: 50th Academy of Aphasia Proceedings, 61*, 228-229.
- 2007 **Mack, J. E.** Licensing by information structure. In T. Crane, O. David, D. Fenton, H. J. Haynie, S. Katseff, R. Lee-Goldman, R. Rouvier, & D. Yu (Eds.), *Proceedings of the 33rd Annual Meeting of the Berkeley Linguistics Society* (pp. 271-282). Berkeley, CA: The Berkeley Linguistics Society, Inc.
- 2006 Piñango, M. M., **Mack, J. E.**, & Jackendoff, R. Semantic combinatorial processes in argument structure: Evidence from light-verbs. In Z. Antic, C. B. Chang, E. Cibelli, J. Hong, M. J. Houser, C. S. Sandy, M. Toosarvandani, & Y. Yao (Eds.), *Proceedings of the 32nd Annual Meeting of the Berkeley Linguistics Society* (pp. 573-583). Berkeley, CA: The Berkeley Linguistics Society, Inc.

INVITED PRESENTATIONS

- 2019 **Mack, J. E.** Is prediction a central component of the sentence processing system? Department of Linguistics, Yale University, New Haven, CT, Nov. 4.
- Mack, J. E.** Building thematic and syntactic structure in intransitive sentences: Evidence from sentence processing, neuroimaging, and aphasia. International Brain and Syntax Think Tank. Northwestern University, Evanston, IL, Oct. 11-12.

PEER-REVIEWED CONFERENCE PRESENTATIONS

- 2020 **Mack, J. E.**, Hourican, L., & Muñoz, M. Tracking the impact of fMRI acoustic noise on spoken word recognition. 12th Annual Society for the Neurobiology of Language Meeting, Virtual, Oct. 21-24.
- Wang, H., Walenski, M., Litcofsky, K. A., **Mack, J. E.**, Mesulam, M.-M., & Thompson, C. K. Verb processing across primary progressive aphasia variants. 12th Annual Society for the Neurobiology of Language Meeting, Virtual, Oct. 21-24.
- Ward, C. & **Mack, J. E.** Do aphasia ID cards impact how neurotypical adults listen to unfamiliar speakers with aphasia? 58th Annual Meeting of the Academy of Aphasia, Virtual, Oct. 18-20.
- Wang, H., Walenski, M., Litcofsky, K. A., **Mack, J. E.**, Mesulam, M.-M., & Thompson, C. K. Verb processing across primary progressive aphasia variants. 58th Annual Meeting of the Academy of Aphasia, Virtual, Oct. 18-20.
- Mack, J. E.**, Ward, C., & Stratford, S. Impact of the MRI environment on eye-tracking measures in a linguistic prediction task. 33rd Annual CUNY Human Sentence Processing Conference, Virtual, March 19-21.
- 2019 **Mack, J. E.**, Ward, C., & Stratford, S. How does eye-tracking in the scanner compare to the lab? Evidence from a linguistic prediction task. 11th Annual Society for the Neurobiology of Language Meeting, Helsinki, Finland, Aug. 20-22.
- Higgins, J., Barbieri, E., Wang, X., **Mack, J. E.**, Caplan, D., ... Parrish, T. Reliability of BOLD signals in chronic stroke-induced aphasia. 49th Annual Clinical Aphasiology Conference, Whitefish, MT, May 28-June 1.
- 2018 Barbieri, E., **Mack, J. E.**, Chiappetta, B., Europa, E., & Thompson, C. K. Neurocognitive sequela of non-canonical sentence comprehension in chronic agrammatic aphasia: Eye movement and fMRI correlates of behavioral recovery. 56th Annual Meeting of the Academy of Aphasia, Montreal, Canada, Oct. 21-23.
- Mack, J. E.** & Thompson, C. K. Syntactic and thematic mechanisms of subject-verb integration in aphasia and typical sentence comprehension. Tenth Annual Society for the Neurobiology of Language Meeting, Quebec City, Canada, Aug. 16-18.
- Barbieri, E., **Mack, J. E.**, Chiappetta, B., Europa, E., & Thompson, C. K. Neural plasticity and right hemisphere contributions to recovery in aphasia: Evidence from sentence processing treatment. Tenth Annual Society for the Neurobiology of Language Meeting, Quebec City, Canada, Aug. 16-18.
- Mack, J. E.**, Barbieri, E., Mesulam, M.-M., & Thompson, C. K. Quantifying grammatical impairments in primary progressive aphasia: Structured language tests and narrative language production. 48th Annual Clinical Aphasiology Conference, Austin, TX, May 23-26.

- Kurland, J., **Mack, J. E.**, Liu, A., Jung, K. J., & Stokes, P. I know what I want to say, I just can't say it: Investigating how semantic and phonemic cueing improve picture naming in aphasia. 48th Annual Clinical Aphasiology Conference, Austin, TX, May 23-26.
- Barbieri, E., **Mack, J. E.**, Chiappetta, B., & Thompson, C. K. Mechanisms of neural plasticity during recovery from sentence processing deficits in chronic stroke-induced aphasia: An fMRI study. 25th Annual Meeting of the Cognitive Neuroscience Society, Boston, MA, March 24-27.
- 2017 Walenski, M., **Mack, J. E.**, Mesulam, M. M., & Thompson, C. K. Comprehension of sentences with structurally-defined gaps in primary progressive aphasia: Evidence from eye-tracking. Ninth Annual Society for the Neurobiology of Language Meeting, Baltimore, MD, Nov. 8-10.
- Mack, J. E.**, Mesulam, M. M., & Thompson, C. K. Understanding and combining words during sentence comprehension in primary progressive aphasia. 55th Annual Meeting of the Academy of Aphasia, Baltimore, MD, Nov. 5-7.
- Barbieri, E., **Mack, J. E.**, Dougherty, B., & Thompson, C. K. Neurocognitive mechanisms of recovery of sentence comprehension in aphasia: New insights on the role of the right hemisphere. 47th Annual Clinical Aphasiology Conference, Snowbird, UT, May 30-June 3.
- Walenski, M., **Mack, J. E.**, Weintraub, S., Mesulam, M. M., & Thompson, C. K. The comprehension of sentences with structurally defined gaps in agrammatic primary progressive aphasia: Evidence from eye-tracking. 47th Annual Clinical Aphasiology Conference, Snowbird, UT, May 30-June 3.
- 2016 **Mack, J. E.**, Nerantzini, M., Walenski, M., Liao, M., & Thompson, C. K. Recovery of sentence production processes following language treatment in aphasia: Evidence from eyetracking. 54th Annual Meeting of the Academy of Aphasia, Llandudno, Wales, Oct. 16-18.
- Mack, J. E.**, Nerantzini, M., Walenski, M., Liao, M., & Thompson, C. K. Language treatment improves online sentence production processes in aphasia: Evidence from eyetracking. International Workshop on Language Production, San Diego, CA, July 25-27.
- Wang, X., Song, X., **Mack, J. E.**, Caplan, D., Kiran, S., Rapp, B., Thompson, C. K., & Parrish, T. B. Reliability of BOLD activation during story comprehension for individuals with aphasia. 22nd Annual Meeting of the Organization for Human Brain Mapping, Geneva, Switzerland, June 26-30.
- Mack, J. E.** & Thompson, C. K. Sentence processing in aphasia: Test-retest reliability and effects of language treatment. 46th Annual Clinical Aphasiology Conference, Charlottesville, VA, May 23-28.
- Barbieri, E., **Mack, J. E.**, Dougherty, B., & Thompson, C. K. Restoring comprehension and production of NP-movement structures in aphasia using Treatment of Underlying Forms. 46th Annual Clinical Aphasiology Conference, Charlottesville, VA, May 23-28.

- Mack, J. E.** & Thompson, C. K. Sentence processing in aphasia: Test-retest reliability and effects of language treatment. 29th Annual CUNY Conference on Human Sentence Processing, Gainesville, FL, March 3-5.
- 2015 **Mack, J. E.**, Gutierrez, S., Mesulam, M. M., & Thompson, C. K. Online sentence comprehension in PPA: Verb-based integration and prediction. 53rd Annual Meeting of the Academy of Aphasia, Tucson, AZ, Oct. 18-20.
- Barbieri, E., **Mack, J. E.**, Chandler, S. D., Mesulam, M. M., & Thompson, C. K. Grammatical production deficits in PPA: Relating narrative and structured task performance. 53rd Annual Meeting of the Academy of Aphasia, Tucson, AZ, Oct. 18-20.
- Lukic, S., Europa, E., **Mack, J. E.**, Mameledzija, M., Rogalski, E. J., Mesulam, M. M., & Thompson, C. K. Neural mechanisms of grammatical production: A voxel-based morphometry study of primary progressive aphasia. Society for Neuroscience, Chicago, IL, Oct. 17-21.
- Mack, J. E.**, Gutierrez, S., Mesulam, M. M., & Thompson, C. K. Online sentence comprehension in PPA: Verb-based integration and prediction. Seventh Annual Society for the Neurobiology of Language Conference, Chicago, IL, Oct. 15-17.
- Wang, X., Song, X., **Mack, J. E.**, Caplan, D., Kiran, S., Rapp, B., Thompson, C. K., & Parrish, T. Reliability of language network BOLD activation. Seventh Annual Society for the Neurobiology of Language Conference, Chicago, IL, Oct. 15-17.
- Wang, X., Song, X., **Mack, J. E.**, Thompson, C. K., & Parrish, T. B. Individual reliability analysis for BOLD activation using intra-class correlation. 21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, HI, June 14-18.
- 2014 Wei, A., **Mack, J. E.**, & Thompson, C. K. Reliability of visual-world eyetracking for lexical and sentence comprehension tasks. 52nd Annual Meeting of the Academy of Aphasia, Miami, FL, Oct. 5-7.
- Fraser, K. C., Hirst, G., Meltzer, J. A., **Mack, J. E.**, Thompson, C. K. Using statistical analysis parsing to detect agrammatic aphasia. Workshop on Biomedical Natural Language Processing, Annual Meeting of the Association for Computational Linguistics, Baltimore, MD, June 26-27.
- Europa, E., **Mack, J. E.**, Weintraub, S., Mesulam, M. M., Rogalski, E., & Thompson, C. K. Neural correlates of grammatical impairments in primary progressive aphasia. 20th Annual Meeting of the Organization for Human Brain Mapping, Hamburg, Germany, June 8-12.
- Europa, E., **Mack, J. E.**, Weintraub, S., Mesulam, M. M., Rogalski, E., & Thompson, C. K. Neural correlates of grammatical impairments in primary progressive aphasia. 44th Annual Clinical Aphasiology Conference, St. Simons Island, GA, May 27-June 1.
- 2013 **Mack, J. E.**, Meltzer-Asscher, A., Barbieri, E., Fitzmorris, E., & Thompson, C. K. Dimensions of argument structure complexity: Evidence from fMRI. Fifth Annual Society for the Neurobiology of Language Conference, San Diego, CA, Nov. 6-8.

Mack, J. E., Meltzer-Asscher, A., Dove, S., Weintraub, S., Mesulam, M. M., & Thompson, C. K. Word-finding pauses in primary progressive aphasia (PPA): Effects of lexical category. 51st Annual Meeting of the Academy of Aphasia, Lucerne, Switzerland, Oct. 20-22.

Mack, J. E., Meltzer-Asscher, A., Barbieri, E., Fitzmorris, E., & Thompson, C. K. Neural correlates of processing unaccusative verbs. 19th Annual Meeting of the Organization for Human Brain Mapping, Seattle, WA, June 16-20.

Mack, J. E., Meltzer-Asscher, A., Dove, S., Weintraub, S., Mesulam, M. M., & Thompson, C. K. Word-finding pauses in primary progressive aphasia (PPA): Effects of lexical category. 43rd Annual Clinical Aphasiology Conference, Tucson, AZ, May 28-June 2.

Meltzer-Asscher, A., **Mack, J. E.**, Schuchard, J., & Thompson, C. K. Neural correlates of processing English passive sentences. 20th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April 13-16.

Mack, J. E., Ji, W., & Thompson, C. K. Effects of verb meaning on lexical integration in agrammatic aphasia. 26th Annual CUNY Conference on Human Sentence Processing, University of South Carolina, Columbia, SC, March 21-23.

2012 **Mack, J. E.**, Ji, W., & Thompson, C. K. Verb-based facilitation of argument processing in agrammatic aphasia: Evidence from eyetracking. 50th Annual Meeting of the Academy of Aphasia, San Francisco, CA, Oct. 28-30.

Meltzer-Asscher, A., Kiehl, A., **Mack, J. E.**, Weintraub, S., Mesulam, M. M., & Thompson, C. K. Electrophysiological responses to semantic and argument structure violations in agrammatic primary progressive aphasia. 50th Annual Meeting of the Academy of Aphasia, San Francisco, CA, Oct. 28-30.

Thompson, C. K., Lee, J., & **Mack, J. E.** Verbal morphology in agrammatic and anomia: Comparison of structured vs. narrative elicitation tasks. 50th Annual Meeting of the Academy of Aphasia, San Francisco, CA, Oct. 28-30.

Meltzer-Asscher, A., **Mack, J. E.**, Schuchard, J., & Thompson, C. K. Neural correlates of processing English passive sentences. Fourth Annual Neurobiology of Language Conference, San Sebastián, Spain, Oct. 25-27.

Thompson, C. K., **Mack, J. E.**, Cho-Reyes, S., Kloet, J. D., Weineke, C., Weintraub, S., & Mesulam, M. M. Phonological facilitation of object naming in agrammatic and logopenic primary progressive aphasia: Evidence for a phonological processing deficit. 42nd Annual Clinical Aphasiology Conference, Lake Tahoe, CA, May 20-25.

Lee, J., **Mack, J. E.**, & Thompson, C. K. Verbal morphology in agrammatic and anomia: Comparison of structured vs. narrative elicitation tasks. 42nd Annual Clinical Aphasiology Conference, Lake Tahoe, CA, May 20-25.

- Kielar, A., **Mack, J. E.**, Meltzer-Asscher, A., Wali, E., & Thompson, C. K. Neuronal interactions for words and pseudowords during lexical decision. 19th Annual Meeting of the Cognitive Neuroscience Society, Chicago, IL, March 31-April 3.
- 2011 Kielar, A., **Mack, J. E.**, Meltzer-Asscher, A., Wali, E., & Thompson, C. K. Neuronal interactions for words and pseudowords during lexical decision. Third Annual Neurobiology of Language Conference, Annapolis, MD, Nov. 9-11.
- Mack, J. E.**, Clifton, C., Frazier, L., & Taylor, P. V. Pragmatic constraints influence the restoration of optional subjects. 24th Annual CUNY Conference on Human Sentence Processing, Stanford University, Palo Alto, CA, March 24-26.
- Mack, J. E.** Pragmatic and extra-grammatical processes underlie Copy-Raising. 85th Annual Meeting of the Linguistic Society of America, Pittsburgh, PA, Jan. 6-9.
- 2009 **Mack, J. E.** & Fuerst, Y. English optional expletives and the pragmatics of judgments. 45th Annual Meeting of the Chicago Linguistic Society, Chicago, IL, April 16-18.
- Mack, J. E.** A pragmatic conspiracy in English. 83rd Annual Meeting of the Linguistic Society of America, San Francisco, CA, Jan. 8-11.
- 2008 **Mack, J. E.** "Salience" and the licensing of instrument subjects. 9th Conference on Conceptual Structure, Discourse, and Language Conference, Case Western Reserve University, Cleveland, OH, Oct. 18-20.
- Mack, J. E.** Informational roles and "perceptual" verbs without perception. 82nd Annual Meeting of the Linguistic Society of America, Chicago, IL, Jan. 3-6.
- 2007 **Mack, J. E.** Licensing by information structure. 33rd Annual Meeting of the Berkeley Linguistics Society, Berkeley, CA, Feb. 9-11.
- 2006 Piñango, M. M., **Mack, J. E.**, & Jackendoff, R. Semantic compositional processes in the interpretation of *light* verbs. 19th Annual CUNY Conference on Human Sentence Processing, New York, NY, March 23-25.
- Mack, J. E.**, Piñango, M. M., & Jackendoff, R. The on-line processing of complex predicates. 11th Biennial Symposium: Intertheoretical perspectives on complex predicates, Rice University, Houston, TX, March 16-18.
- Piñango, M. M., **Mack, J. E.**, & Jackendoff, R. Semantic combinatorial processes in argument structure: Evidence from light-verbs. 32nd Annual Meeting of the Berkeley Linguistics Society, Berkeley, CA, Feb. 10-12.

LOCAL PRESENTATIONS (NON PEER-REVIEWED; PAST 5 YEARS ONLY)

- 2019 Litcofsky, K.A., **Mack, J.E.**, & Thompson, C.K. Thematic prediction in sentence processing: Healthy adults and agrammatic aphasia. 3rd Annual Chicago Area Sentence Processing Meeting, Chicago, IL, June 21.

Litcofsky, K., Xie, K., Walenski, M., **Mack, J.E.**, Barbieri, E., Mesulam, M-M., & Thompson, C.K. Sentence processing impairments in primary progressive aphasia: Preliminary findings. 25th Annual Alzheimer Day, Mesulam Center for Cognitive Neurology and Alzheimer's Disease, Northwestern University, Chicago, IL, May 9.

Xie, K., Barbieri, E., **Mack, J. E.**, Wilkins, A., & Thompson, C. K. Neuroplasticity of language networks in primary progressive aphasia: Evidence from a patient with agrammatic variant of PPA. 25th Annual Alzheimer Day, Mesulam Center for Cognitive Neurology and Alzheimer's Disease, Northwestern University, Chicago, IL, May 9.

2018 **Mack, J.E.** The role of linguistic predictions in language impairments and recovery in aphasia. Department of Psychological and Brain Sciences, University of Massachusetts-Amherst, Sept. 19.

Mack, J. E. & Thompson, C. K. Syntactic and thematic mechanisms of subject-verb integration in aphasia and typical sentence comprehension. *Lynschrift 18*, an Homage to UMass Linguist Lyn Frazier, University of Massachusetts-Amherst, May 19-20.

2017 **Mack, J. E.** & Thompson, C. K. Treatment-induced recovery of online sentence processing in aphasia. Chicago Area Sentence Processing Meeting, Chicago, IL, Nov. 20.

Mack, J. E., Barbieri, E., Dougherty, B., & Thompson, C. K. Recovery of online sentence processing in aphasia. Annual Data Blitz, Cognitive Brain Mapping Group, Northwestern University, Evanston, IL, June 2.

Mack, J. E., Mesulam, M. M., & Thompson, C. K. Understanding and combining words during sentence comprehension in primary progressive aphasia. 23rd Annual Alzheimer Day, Cognitive Neurology and Alzheimer's Disease Center, Northwestern University, Chicago, IL, May 11.

Walenski, M., **Mack, J. E.**, Mesulam, M. M., & Thompson, C. K. The comprehension of sentences with structurally defined gaps in agrammatic primary progressive aphasia: Evidence from eye-tracking. 23rd Annual Alzheimer Day, Cognitive Neurology and Alzheimer's Disease Center, Northwestern University, Chicago, IL, May 11.

2016 Barbieri, E., **Mack, J. E.**, Chandler, S. D., Mesulam, M. M., & Thompson, C. K. Grammatical production deficits in PPA: Relating narrative and structured task performance. 22nd Annual Alzheimer Day, Cognitive Neurology and Alzheimer's Disease Center, Northwestern University, Chicago, IL, May 12.

Mack, J. E. & Thompson, C. K. Recovery of sentence comprehension in aphasia: Eye movement changes resulting from language treatment. Department of Linguistics, Sentence Processing Working Group, Northwestern University, Evanston, IL, Feb. 17.

TEACHING

UNDERGRADUATE COURSES, UNIVERSITY OF MASSACHUSETTS-AMHERST
Introduction to Communication Disorders (Fall 2018; 100-level)

Anatomy & Physiology II: Neurological Bases of Speech, Language, and Hearing (Spring 2018-2021; with associated Honors Colloquium in Spring 2020; 200-level)

Introduction to Language Science (Fall 2019-2020; 200-level)

GRADUATE COURSES, UNIVERSITY OF MASSACHUSETTS-AMHERST
Language Disorders in Adults-II (Spring 2019-2021)

UNDERGRADUATE COURSES, YALE UNIVERSITY
Introduction to Linguistics (Summer 2008, 2009)

UNDERGRADUATE HONORS THESIS COMMITTEE CHAIR, UNIVERSITY OF MASSACHUSETTS-AMHERST
Maguatte Mbengue. "Predictive eye movements and sentence comprehension accuracy of college students under temporarily restricted working memory." Defended on May 12, 2020.

Lauren Hourican. "The effects of competing fMRI noise on auditory language processing." Defended on May 4, 2020. Commonwealth Honors College Research Assistant Fellowship (2019), Honors Research Grant (2020).

Colleen Ward. Defended on May 4, 2020. "The effect of aphasia ID cards on neurotypical comprehension of aphasic language." Commonwealth Honors College Research Assistant Fellowship (2019), Honors Research Grant (2020).

COMPREHENSIVE EXAM COMMITTEE MEMBER, UNIVERSITY OF MASSACHUSETTS-AMHERST
Natasha De La Rosa. Neuroscience and Behavior Graduate Program, Comprehensive Exam Part 2. Defended Nov. 24, 2020.

SERVICE

COMMITTEE MEMBERSHIPS, DEPARTMENT OF COMMUNICATION DISORDERS, UNIVERSITY OF MASSACHUSETTS-AMHERST
Curriculum Committee (2018-2021; Chair 2018-2020)
Personnel Committee (2020-2021)
Development of Cultural Standards Document for Tenure-Track Faculty (Ad-Hoc committee; 2020)

COMMITTEE MEMBERSHIPS, NEUROSCIENCE AND BEHAVIOR GRADUATE PROGRAM, UNIVERSITY OF MASSACHUSETTS-AMHERST
Graduate Admissions Committee (2020-2021)

COMMITTEE MEMBERSHIPS, SCHOOL OF PUBLIC HEALTH AND HEALTH SCIENCES, UNIVERSITY OF MASSACHUSETTS-AMHERST
Curriculum Committee (2018-2019)

REVIEWER

Editorial Board, *Journal of Speech, Language, and Hearing Research* (2019-2021)
Program Committee, American Speech-Language-Hearing Association Annual Convention (Language Disorders in Adults topic area) (2020,2021)
Faculty Organizational Support, CUNY Conference on Human Sentence Processing (2020)
Program Committee, Clinical Aphasiology Conference (2017)
Abstract Reviewer, Society for the Neurobiology of Language Conference (2011, 2012, 2016, 2017)

Ad-hoc manuscript reviewer: *American Journal of Speech-Language Pathology, Aphasiology, Brain, Brain and Language, Cognitive Neuropsychology, Cortex, Ear and Hearing, Frontiers in Human Neuroscience, Frontiers in Psychology, Journal of Communication Disorders, Journal of Linguistics, Journal of Speech, Language, and Hearing Research, Language and Cognition, Language and Cognitive Processes/Language, Cognition, and Neuroscience, Language and Speech, Neural Plasticity, Neurobiology of Aging, Neurocase, Neuropsychologia, Neuroscience and Neuroeconomics, Quarterly Journal of Experimental Psychology, Topics in Language Disorders*

PROFESSIONAL AFFILIATIONS

American Speech-Language-Hearing Association (2017-); Special Interest Group 2: Neurogenic Communication Disorders
Academy of Aphasia (2012-)
Society for the Neurobiology of Language (2011-)
Cognitive Neuroscience Society (2011-2013)
Linguistic Society of America (2003-2011)