

Faculty Curriculum Vitae

NAME: Heather Dial, PhD

POSITION/TITLE: Assistant Professor

OFFICE ADDRESS: Melcher Life Sciences 242F

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EDUCATIONAL BACKGROUND/TRAINING

Postdoctoral Fellow, 2016-2021

University of Texas at Austin, Department of Speech, Language and Hearing Sciences, Aphasia Research and Treatment Lab

Advisor: Dr. Maya Henry

Secondary Advisor: Dr. Bharath Chandrasekaran, University of Pittsburgh

Ph.D., Psychology, Rice University, August 2016

Thesis title: Sublexical, lexical and phonological short-term memory processes: Evaluating models of speech perception and short-term memory

Systems and Cognitive Neuroscience Research Interest Group with focus on cognitive neuropsychology, psycholinguistics, aphasia, and working memory
Advisor: Dr. Randi Martin

M.A., Psychology, Rice University, May 2014

Thesis Title: Separating semantic and phonological short-term memory deficits in aphasia patients using a novel concurrent probe paradigm

Systems and Cognitive Neuroscience Research Interest Group with focus on cognitive neuropsychology, psycholinguistics, aphasia, and working memory
Advisor: Dr. Randi Martin

B.S., Psychology, University of Houston, December 2010

Summa Cum Laude

University Honors and Honors in Major

Major: Psychology Minor: Spanish

Thesis Title: Dichotic listening using frequency filtered words

Advisor: Dr. Merrill Hiscock

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RELEVANT TEACHING EXPERIENCE

Instructor, Aphasia (COMD 6334), University of Houston, Fall 2024, Fall 2025, Fall 2026

Instructor, Advanced Research Methods (COMD 8329), University of Houston, Spring 2024, Spring 2026.

Instructor, Research and Critical Thinking (COMD 6261), University of Houston, Fall 2023.

Instructor, Neuroscience for Communication Disorders (COMD 4333), University of Houston, Fall 2021, Spring 2022, Fall 2022, Spring 2023.

Instructor, Introduction to Cognitive Psychology (Psyc 203), Rice University, Summer 2016.

Instructor, What is consciousness? First Year Writing Intensive Seminar, Rice University, Spring 2016.

Instructor, Memory (Psyc 308), Rice University, Fall 2015.

Instructor, Introduction to Psychology (Psyc 101), Rice University, Summer 2015.

Co-Instructor: Introduction to Psychology, Rice University, Summer 2013, Summer 2014.

Co-Instructor: Contemporary Social Movements, Rice University, Spring 2014, Spring 2015, Spring 2016.

Co-Instructor: Memory, Rice University, Summer 2012.

Lab Instructor: Introduction to Behavioral Statistics, Rice University, Spring 2013, Fall 2013, and Spring 2015.

ACADEMIC SCHOLARSHIP/RESEARCH/CREATIVE ENDEAVORS

Zahn, R., **Dial, H.**, Schnur, T., & Martin, R. (r&r). Semantic working memory supports phrasal planning: Evidence from acute stroke. *Neuropsychologia*.

Bradbury-John, K.^{*}, Francis, D., Gonzalez-Rothi, L., Maher, L.^Ω, & **Dial, H.**^Ω (r&r). The role of error in mapping therapy for treatment of sentence production deficits in chronic aphasia. *JSLHR*.

Tessmer, R., **Dial, H.**, Wauters, L., Anders, J., Jennings, B., Volkmer, A., & Henry, M. (r&r). Remotely-delivered Better Conversations with Primary Progressive Aphasia for semantic variant primary progressive aphasia: a case study. *Aphasiology*.

Robinaugh, G., Beeson, P., **Dial, H.**, Europa, E., Hubbard, H., Schaffer Mendez, K., ... &

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- Henry, M. (2026). Quantifying meaningful information in incorrect naming responses following strategic word-retrieval treatment in primary progressive aphasia. *JSLHR*.
- Dial, H.**, & Gnanateja, G.N. (2025). Test-retest reliability of TRF-derived measures of cortical tracking of the speech envelope. *eNeuro*, 12(8).
- Dial, H.**, Pugalenth, L. *, Gnanateja, G.N., Li, J., & Henry, M. (2025). Application of machine learning and temporal response function modeling of EEG data for differential diagnosis in primary progressive aphasia. *Scientific Reports*, 15(1), 29539.
- Quinn, C. *, Craik, A. *, Tessmer, R. Henry, M., & **Dial, H.**[‡] (2025). Utilization of resting-state electroencephalography spectral power in convolutional neural networks for classification of primary progressive aphasia. *Neuroimage: Reports*, 5, 100242.
- Tian, Y., **Dial, H.**, Martin, R., & Fischer-Baum, S. (2025). A shared serial order system for verbal working memory and language production: Evidence from aphasia. *Cognitive Neuropsychology*.
- Craik, A. *, **Dial, H.**[‡], & Contreras-Vidal, J. [‡] (2025). Continuous and discrete decoding of overt speech using electroencephalography. *Journal of Neuroengineering*.
<https://www.biorxiv.org/content/10.1101/2024.05.23.595510v1>
- Grasso, S., Berstis, K., Mendez, K., Keegan-Rodewald, W., Wauters, L., Europa, E., Hubbard, H., **Dial, H.**, Hixon, G., Gorno-Tempini, M.L., Vogel, A., & Henry, M. (2024). Investigating changes in connected speech in nonfluent/agrammatic primary progressive aphasia following script training. *Cortex*, 183, 193-210.
- Dial, H.**, Tessmer, R., & Henry, M. (2024). Speech perception and language comprehension in primary progressive aphasia. *Cortex*, 181, 272-289.
- Wauters, L., Croot, K., **Dial, H.**, Europa, E., Grasso, S.M., Mandelli, M.L., Schaffer, K.M. Hubbard, I.H., ... Henry, M.L. (2023). Behavioral treatment for speech and language in primary progressive aphasia and primary progressive apraxia of speech: A systematic review. *Neuropsychology Review*, 34, 882-923.
- Dial, H.**, Europa, E., Grasso, S.M., Mandelli, M.L., Schaffer, K.M. Hubbard, I.H., ... Henry, M.L. (2023). Baseline structural neuroimaging correlates of treatment outcomes in semantic variant primary progressive aphasia. *Cortex*, 158, 158-175.
- Gnanateja, G.N., Devaraju, D.S., Heyne, M., Quique, Y.M., Sitek, K.R., Tardif, M.C.,

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- Tessmer, R., & **Dial, H.**[†] (2022). On the role of neural oscillations across timescales in speech and music processing. *Frontiers in Computational Neuroscience*.
- Dial, H.**, Gnanateja, N., Tessmer, R., Gorno-Tempini, M.L., Chandrasekaran, B., & Henry, M.L. (2021). Cortical tracking of the speech envelope in logopenic variant primary progressive aphasia. *Frontiers in Human Neuroscience*.
- Henry, M.L., Hubbard, I., Grasso, S., **Dial, H.**, Beeson, P., Miller, B., & Gorno-Tempini, M.L. (2019). Treatment for word retrieval in semantic and logopenic variants of primary progressive aphasia: Immediate and long-term outcomes. *Journal of Speech, Language and Hearing Research*, 62, 2723-2749.
https://doi.org/10.1044/2018_JSLHR-L-18-0144
- Dial, H.**, McMurray, B., & Martin, R. (2019). Lexical processing depends on sublexical processing: Evidence from the visual world paradigm and aphasia. *Attention, Perception and Psychophysics*, 81, 1047-1064.
doi: 10.3758/s13414-019-01718-3
- Dial, H.**, Hinshelwood, H., Grasso, S., Hubbard, I., Gorno-Tempini, M.L. & Henry, M.L. (2019). Investigating the utility of teletherapy in individuals with primary progressive aphasia. *Clinical Interventions in Aging*, 14, 453-471.
doi: 10.2147/CIA.S178878
- Madera, J., Hebl, M., **Dial, H.**, Martin, R., & Valian, V. (2019). Raising doubt in letters of recommendation for academia: Gender differences and their impact. *Journal of Business and Psychology*, 1-17. *2019 Editor Commendation Award*
doi: 10.1007/s10869-018-9541-1
- Fischer-Baum, S., Mis, R., & **Dial, H.** (2018). Word deafness with preserved number word perception. *Cognitive Neuropsychology*, 35, 1-15.
doi: 10.1080/02643294.2018.1515734
- Dial, H.**, & Martin, R. (2017). Evaluating the relationship between sublexical and lexical processing in speech perception: Evidence from aphasia. *Neuropsychologia*, 96, 192-212.
doi: 10.1016/j.neuropsychologia.2017.01.009
- McCulloch, K., Lachner-Bass, N. **Dial, H.**, Hiscock, M. & Jansen, B. (2017). Interaction of attention and acoustic factors in dichotic listening for fused words. *Laterality: Asymmetries of Body, Brain and Cognition*, 22, 473-494.
doi: 10.1080/1357650X.2016.1219361
- Europa, E., **Dial, H.**, Battistella, G., Grasso, S., Hubbard, H.I., Schaffer, K., Wauters, L.,

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Welch, A., Mandelli, M.L., Gorno-Tempini, M.L., & Henry, M.L. (in preparation). Baseline MRI measures associated with treatment response in nonfluent/agrammatic variant primary progressive aphasia.

BOOK CHAPTERS

Dial, H., & Henry, M.L. (2024). Primary progressive aphasia. In M.L. Kimbarow and S. Wallace (Eds.), *Cognitive Communication Disorders, 4th Edition* (pp. 285-317). San Diego, CA: Plural Publishing.

Dial, H., & Henry, M.L. (2019). Primary progressive aphasia. In M.L. Kimbarow (Ed.), *Cognitive Communication Disorders, 3rd Edition* (pp. 207-236). San Diego, CA: Plural Publishing.

SCIENCE OUTREACH

Quinn, C.*, **Dial, H.***, & Thompson, A.* (October 2024). Communication challenges in Parkinson's disease. *Houston Area Parkinson's Society Newsletter*.
*All authors contributed equally to this work.

Pugalenthi, L., Berstis, K., Henry, M.L., & **Dial, H.** (2023). Primary progressive aphasia: Gradually losing your ability to communicate. *Frontiers for Young Minds*.

PLATFORM PRESENTATIONS/INVITED TALKS

Henry, M. L., Tessmer, R., Berstis, K., **Dial, H.**, Europa, E., Ezzes, Z., Mandelli, M. L., Millanski, C., Robinaugh, G., Schaffer Mendez, K., Wauters, L. D., Grasso, S. M., & Gorno-Tempini, M. L. (May 2024). Immediate and long-term benefits of restitutive treatment for speech and language in PPA. Clinical Aphasiology Conference, Waikoloa Beach, HI.

Dial, H. Sentence context effects on word identification as a function of age and presence of aphasia. (February 2024). Invited presentation at Rice University Psychology Department. Houston, TX.

Dial, H., Pugalenthi, L., Gnanateja, N., Li, J., & Henry, M. (October 2023). Cortical tracking of acoustic and linguistic features in primary progressive aphasia: Emerging findings and methodological considerations. 61st Annual Meeting of the Academy of Aphasia, Reading, England.

Dial, H. Assessment of speech perception and language comprehension in aphasia using temporal response function modeling. (March 2023). Invited presentation for C-STAR Lecture Series. <https://cstar.sc.edu/lecture-series/>

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- Dial, H.** Assessment and intervention in stroke-induced and primary progressive aphasia. (February 2023). Invited presentation for ProSem in Department of Communication Sciences and Disorders at University of Wisconsin-Madison (virtually delivered).
- Henry, M.L., Grasso, S.M., Berstis, K., **Dial, H.R.**, Europa, E.E., Miller, C., ... Gorno-Tempini, M.L. (November 2022). Immediate and long-term benefits of restitutive treatment for speech and language in primary progressive aphasia. Biannual Meeting of the International Society for Frontotemporal Dementias, Lille, France.
- Grasso, S.M., Domenech, L., Berstis, K., **Dial, H.R.**, Europa, E., Faixa Sol, C., ... Henry, M.L. (October 2022). Restitutive interventions in monolingual and bilingual speakers with primary progressive aphasia. 60th Annual Meeting of the Academy of Aphasia, Philadelphia, PA.
- Dial, H.**, Tessmer, R., & Henry, M.L. (October 2021). Behavioral assessment of speech perception and language comprehension in primary progressive aphasia. Academy of Aphasia Conference. Virtual conference.
- Dial, H.**, Gnanateja, N., Tessmer, R., Chandrasekaran, B., & Henry, M.L. (May 2021). Cortical tracking of acoustic and linguistic features of continuous speech in primary progressive aphasia. Clinical Aphasiology Conference. Virtual conference.
- Europa, E., Battistella, G., **Dial, H.**, Lauricella, M., Grasso, S., Welch, A., Hubbard, H.I., Mandelli, M.L., Gorno-Tempini, M.L., & Henry, M.L. (May 2021). Neuroimaging predictors of treatment response in nonfluent/agrammatic variant primary progressive aphasia. Clinical Aphasiology Conference. Virtual conference.
- Dial, H.** Neural processes supporting speech perception (November 2020). Invited presentation at Valkyrie AI. Austin, TX.
- Dial, H.**, Gnanateja, N., Tessmer, R., Chandrasekaran, B., & Henry, M.L. (October 2020). Cortical tracking of the speech envelope in logopenic variant primary progressive aphasia. 58th Annual Academy of Aphasia Meeting. Virtual conference.
- Henry, M.L., Grasso, S.M., Hubbard, I.H., **Dial, H.**, Europa, E., Welch, A., & Gorno-Tempini, M.L. (November 2018). Immediate and long-term benefits of behavioral intervention in primary progressive aphasia. 11th International Conference on Frontotemporal Dementias. Sydney, Australia.
- Dial, H.**, Martin, R., & Schnur, T. (November 2017). Assessing the roles of semantic and phonological short-term memory in language production. 55th Annual Academy

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of Aphasia Meeting, Baltimore, MD. *Frontiers in Human Neuroscience, Conference Abstract*. doi: 10.3389/conf.fnhum.2017.223.00045

Dial, H., Sathishkumar, M., Hubbard, I., Grasso, S., Gorno-Tempini, M., & Henry, M.L. (June 2017). Gray matter predictors of treatment outcomes in primary progressive aphasia. 47th Annual Clinical Aphasiology Conference, Snowbird, UT.

Madera, J., Hebl, M., **Dial, H.**, Martin, R., & Valian, V. (April 2016). Raising doubt in letters of recommendation for academia: Gender differences. 31st Annual Conference of the Society for Industrial and Organizational Psychology, Anaheim, CA.

Martin, R., **Dial, H.**, Yue, Q., & Hamilton, A.C. (November 2015). Buffer versus embedded processes approaches to phonological short-term memory. 56th Annual Meeting of the Psychonomic Society, Chicago, IL.

Dial, H., & Martin, R. (October 2015). Evaluating proposed dorsal and ventral route functions in speech perception and phonological short-term memory: Evidence from aphasia. 53rd Annual Academy of Aphasia Meeting, Tucson, AZ. *Frontiers in Psychology, Conference Abstract*. doi: 10.3389/conf.fpsyg.2015.65.00075

POSTER PRESENTATIONS

^Ωco-senior author

BeCoats, B., Lee, J., Maher, L., & **Dial, H.** (November 2026). Preparing Graduate Student Clinicians to Lead Aphasia Conversation Groups: A National Training Needs Assessment. ASHA Convention, Indianapolis, IN.

Bradbury-John, K., Porto, M., Olive, G., Grasso, S., Santos-Santos, M., & **Dial, H.** (October 2026). Examining semantic and phonological working memory in primary progressive aphasia: Behavioral and structural findings. Annual Meeting of the Academy of Aphasia, Liege, Belgium.

Bradbury-John, K., Pugalenth, L., Gnanateja, G., & **Dial, H.** (September 2026). (October 2026). Test-retest reliability of TRF-derived measures of higher-level linguistic processing in neurotypical adults. Annual Meeting of the Society for the Neurobiology of Language, Geneva, Switzerland.

Doxakis, C., Gnanateja, G.N., & **Dial, H.** (accepted for November 2025, withdrawn due to funding issues). Test-retest reliability of temporal response function measures across the lifespan. Neuroscience 2025 (Annual Meeting of the Society for Neuroscience), San Diego, California.

Bradbury-John, K., Gnanateja, G.N., & **Dial, H.** (October 2025). Test-retest reliability of

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TRF-derived measures of cortical tracking of speech in individuals with aphasia. Annual Meeting of the Academy of Aphasia, San Diego, California.

Rafferty, M.B., **Dial, H.**, Tessmer, R., & Henry, M. (October 2025). Altered temporal dynamics during syntactic integration in nonfluent variant primary progressive aphasia. Annual Meeting of the Academy of Aphasia, San Diego, California.

Costantini, S., Wauters, L., Miller, C., **Dial, H.**, & Henry, M. (October 2025). Development of speech-based metrics for the assessment of speech and language abilities in primary progressive aphasia. Annual Meeting of the Academy of Aphasia, San Diego, California.

Bonojo, E., Mai, C., Marquez, M., & **Dial, H.** (August 2025). Comparing the outcomes of AI beta tool vs. human translated aphasia friendly research summaries. Tilman J. Fertitta College of Medicine First Annual Student Research Day, Houston, Texas.

Note: This is work that Esther Bonojo, Christina Mai, and Mike Marquez completed under my guidance for the University of Houston TEACH HOUSTON and STEM RISE programs. Abstracts were peer-reviewed by College of Medicine Faculty. Esther received 3rd place in the poster competition at this local conference.

Bradbury-John, K. E., Olivé, G., Marqués-Kiderle, S., Wagner Rodriguez, C., Rodríguez-Fornells, A., Filella-Mercè, J., Grasso, S. M., Santos-Santos, M. Á., **Dial, H.** (May 2025). Dissociations between semantic and phonological working memory in primary progressive aphasia. Clinical Aphasiology Conference, Albuquerque, New Mexico.

Prasanna, S., **Dial, H.**, Maher, L., Coslett, B., & Harvey, D. (May 2025). Strengthening connections: the impact of semantic association strength on treatment response during CILT. Clinical Aphasiology Conference, Albuquerque, NM.

Note: This is work that Sudharshini Prasanna conducted under my guidance for her Senior Honors Thesis.

Gabor, J., **Dial, H.**, Maher, L., Coslett, B., & Harvey, D. (May 2025). Noun and verb accuracy following TMS and constraint-induced language therapy in people with aphasia. Clinical Aphasiology Conference, Albuquerque, NM.

Note: This is work that Julia Gabor conducted under my guidance for the NSF Research Experiences for Undergraduates (REU) program in Summer 2024. She received 3rd place at the 2024 NSF REU Research Symposium, funding her trip to the Clinical Aphasiology Conference.

BeCoats, B., **Dial, H.**, & Mahler, L. (May 2025). Training graduate student clinicians to lead aphasia conversation groups: Outcomes and feedback. Clinical Aphasiology Conference, Albuquerque, NM.

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- BeCoats, B., **Dial, H.**, & Maher, L. (December 2024). Preparing graduate student clinicians to lead aphasia conversation groups. ASHA Convention, Seattle, WA.
Note: Received designation as a Meritorious Poster.
- Volkmer, A., Tessmer, R., **Dial, H.**, Wauters, L. D., Anders, J., Jennings, B., & Henry, M. L. (July 2024). A TeleCPT case study: Acceptability and utility of Better Conversations with Primary Progressive Aphasia for a person with semantic variant PPA and their communication partner. International Aphasia Rehabilitation Conference, Brisbane, Australia.
- Pugalenthi, L. S., **Dial, H.**, Wauters, L.D., Li, J.J, Schmitz, S., Keller, J., Largent, A., Chang, P., Chang, J., Foil, H., Lester-Smith, R.A, Toprac, P., Hilsabeck, C.R., Henry, M.L. (July 2024). Using image-text similarity scores from picture descriptions for differentiating the logopenic variant of progressive aphasia from amnesic Alzheimer's dementia. Alzheimer's Association International Conference and Technology & Dementia preconference, Philadelphia, PA.
- BeCoats, B., Dion, A., Maher, L., & **Dial, H.** (May 2024). Sentence context effects on speech perception. Clinical Aphasiology Conference, Waikoloa Beach, HI.
- Bradbury, K., **Dial, H.**^Ω, & Maher, L.^Ω (May 2024). The role of error in mapping therapy for treatment of constructional agrammatism in chronic aphasia. Clinical Aphasiology Conference, Waikoloa Beach, HI.
- Pugalenthi, L., Jain, S., Li, J., **Dial, H.**^Ω, & Henry, M.^Ω (May 2024). Application of convolutional neural networks and temporal response function modeling to EEG data for differential diagnosis of primary progressive aphasia. Clinical Aphasiology Conference, Waikoloa Beach, HI.
- Tessmer, R., **Dial, H.**, Wauters, L., Anders, J., Jennings, B., Volkmer, A., & Henry, M. (May 2024). Remotely delivered Better Conversations with Primary Progressive Aphasia for an individual with semantic PPA and their communication partner. Clinical Aphasiology Conference, Waikoloa Beach, HI.
- Europa, E., Gajardo-Vidal, A., Wilson, S.M., Mandelli, M.L., Battistella, G., **Dial, H.**, ... Lorca-Puls, D.L. (October 2023). Neurodegeneration of the left supramarginal gyrus induces compensatory neural changes during phonological decisions. 15th Annual Meeting of the Society for the Neurobiology of Language, Marseilles, France.
- Quinn, C., Craik, A., Henry, M., & **Dial, H.** (October 2023). Utilization of resting-state electroencephalography spectral power in convolutional neural networks for classification of primary progressive aphasia. 61st Annual Meeting of the Academy of Aphasia, Reading, England.
- Dial, H.**, Pugalenthi, L., Li, J., & Henry, M.L. (May 2023). Application of machine

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- learning, natural language processing, and temporal response function modeling for differential diagnosis of primary progressive aphasia. Clinical Aphasiology Conference, Atlantic City, NJ.
- Tessmer, R., Desai, M., Gnanateja, G., **Dial, H.**^Ω, & Henry, M.L.^Ω (May 2023). Click-evoked auditory brainstem response in primary progressive aphasia. Clinical Aphasiology Conference, Atlantic City, NJ.
- Wauters, L.D., Robinaugh, G., Berstis, K., **Dial, H.**, Flores, M., Tessmer, R., Schaffer Mendez, K., Millanski, C., & Henry, M.L. (May 2023). The impact of a psychoeducational support group for individuals with primary progressive aphasia and family members: Preliminary results from a mixed methods study. Poster presented at the Clinical Aphasiology Conference, Atlantic City, NJ.
- Craik, A., **Dial, H.**^Ω, & Contreras-Vidal, J.^Ω (April 2023). Classification of the linguistic characteristics of overt speech with deep learning. 11th International IEEE Engineering in Medicine and Biomedical Society Conference on Neural Engineering, Baltimore, MD.
- Europa, E., Berstis, K., Ratnasiri, B., Grasso, S., **Dial, H.**, Vogel, A., ... Henry, M.L. (October 2022). Longitudinal change in connected speech and language measures in nonfluent/agrammatic variant primary progressive aphasia. 60th Annual Meeting of the Academy of Aphasia, Philadelphia, PA.
- Dial, H.**, Pugalenth, L., & Li, J. (October 2022). Test-retest reliability of TRF-derived measures of cortical tracking of speech. 14th Annual Meeting of the Society for the Neurobiology of Language, Philadelphia, PA.
- Tessmer, R., Henry, M.L., & **Dial, H.** (July 2022). Developing a remote hearing test for individuals with Alzheimer's Disease and related dementias (ADRD). Alzheimer's Association International Conference, Technology and Dementia Pre-Conference. (Accepted, withdrawn due to covid-related travel concerns).
- Dial, H.**, Gnanateja, N., Pugalenth, L., Tessmer, R., Chandrasekaran, B., Henry, M.L., & Li, J. (January 2022). Cortical tracking of semantic dissimilarity for features derived using static and contextualized embeddings in primary progressive aphasia. 2022 Mid-Winter Meeting of the Association for Research on Otolaryngology. Virtual conference.
- Miller, C., O'Connell, M.K., Berstis, K., Europa, E., Grasso, S., Robinaugh, G., Schaffer, K., Tessmer, R., Wauters, L., Gorno-Tempini, M.L., **Dial, H.**^Ω, & Henry, M.L.^Ω (October 2021). Effects of lexical retrieval treatment on written naming in primary progressive aphasia. Academy of Aphasia Virtual conference.
- Dial, H.**, Pugalenth, L., Gnanateja, N., Tessmer, R., Li, J., & Henry, M.L. (September

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- 2021). Contrasting static and contextualized embeddings in the use of semantic feature vectors in neurophysiological prediction. Texas Advanced Computing Center Symposium for Texas Researchers (TACCSTER) 2021. Virtual conference.
- Wauters, L., Ballard, K., Clark, H., Croot, K., **Dial, H.**, Duffy, J., Grasso, S., Kim, E., Kohley, L., Milman, L., Murray, L., Rogalski, E., Schaffer, K., & Henry, M.L. (May 2021). A systematic review of behavioral treatment for PPA/PPAOS: Major trends and future directions. Round table presentation. 50th Annual Clinical Aphasiology Conference.(Virtual conferenc).
- Robinaugh, G., Beeson, P., Rising, K., Miller, C., Schmidt, O., Sfeir, N., **Dial, H.**, Gorno-Tempini, M.L., & Henry, M.L. (May 2021). Beyond binary: Quantifying meaningful information in BNT error responses for individuals with PPA before and after naming treatment. 50th Annual Clinical Aphasiology Conference. Virtual conference.
- Europa, E., Battistella, G., **Dial, H.**, Lauricella, M., Grasso, S., Welch, A., Hubbard, I., Mandelli, M.L., Gorno-Tempini, M.L., & Henry, M.L. (October 2020). Multimodal MRI correlates of positive treatment outcomes in non-fluent/agrammatic primary progressive aphasia. 12th Annual Meeting of the Society for the Neurobiology of Language. Virtual conference.
- Zahn, R., **Dial, H.**, Schnur, T., & Martin, R. (October 2020). Semantic working memory supports a phrasal scope of planning in language production: Evidence from acute stroke. 58th Annual Academy of Aphasia Meeting. Virtual conference.
- Dial, H.**, Grasso, S., Hubbard, I., Schaffer, K., Wauters, L., Europa, E., Wineholt, L., Gorno-Tempini, M.L., & Henry, M.L. (October 2019). Gray matter predictors of treatment outcomes in semantic variant primary progressive aphasia. 57th Annual Academy of Aphasia Meeting, Macau. *Frontiers in Human Neuroscience, Conference Abstract*. doi: 10.3389/conf.fnhum.2019.01.00118
- Tian, Y., **Dial, H.**, Martin, R., & Fischer-Baum, S. (October 2019). A common serial order mechanism for verbal working memory and language production: Evidence from aphasia. 57th Annual Academy of Aphasia Meeting, Macau. *Frontiers in Human Neuroscience, Conference Abstract*. doi: 10.3389/conf.fnhum.2019.01.00113
- Dial, H.**, Zinszer, B., Chandrasekaran, B., & Henry, M.L. (October 2018). Neural encoding of phonetic features relates to phonological processing in PPA. 56th Annual Academy of Aphasia Meeting, Montreal, Quebec, Canada. *Frontiers in Human Neuroscience, Conference Abstract*. doi: 10.3389/conf.fnhum.2018.228.00017
- Dial, H.**, Zinszer, B., Chandrasekaran, B., & Henry, M.L. (August 2018). Cortical

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- entrainment of continuous speech envelope is preserved in non-fluent PPA. 10th Annual Meeting of the Society for the Neurobiology of Language. Quebec City, Quebec, Canada.
- Dial, H.**, Hubbard, I., Grasso, S., Gorno-Tempini, M.L., & Henry, M.L. (May 2018). Developing predictive models of naming performance over time in primary progressive aphasia. 48th Annual Clinical Aphasiology Conference. Austin, TX.
- Europa, E., Grasso, S., **Dial, H.**, Yi, H., & Henry, M.L. (May 2018). Effects of script training on neural activity in primary progressive aphasia: A pilot fMRI study. 48th Annual Clinical Aphasiology Conference. Austin, TX.
- Dial, H.**, Hubbard, I., Grasso, S., Gorno-Tempini, M.L., & Henry, M.L. (April 2018). Developing predictive models of naming performance over time in primary progressive aphasia. 3rd Annual CARE Research Day. Austin, TX.
- Hubbard, I., Grasso, S., **Dial, H.**, Mandelli, M.L., Gorno-Tempini, M.L., & Henry, M.L. (November 2017). Examining gray matter differences in a single treatment non-responder with semantic variant primary progressive aphasia. 9th Annual Meeting of the Society for the Neurobiology of Language. Baltimore, MD.
- Dial, H.**, McMurray, B., & Martin, R. (September 2017). Evaluating the relationship between sublexical and lexical processing: Evidence from the visual world paradigm. 12th Annual Eleanor Saffran Conference for Cognitive Neuroscience. Philadelphia, PA.
- Dial, H.**, McMurray, B., & Martin, R. (November 2016). Evaluating the relationship between sublexical and lexical processing: Evidence from the visual world paradigm. 57th Annual Meeting of the Psychonomic Society. Boston, MA.
- Dial, H.**, McMurray, B., & Martin, R. (October 2016). Lexical processing depends on sublexical processing: Evidence from the visual world paradigm with aphasia. 54th Annual Academy of Aphasia Meeting. Llandudno, Wales, UK. *Frontiers in Psychology, Conference Abstract*. doi: 10.3389/conf.fpsyg.2016.68.00086
- Yue, Q., **Dial, H.**, & Martin, R. (October 2016). Non-perceptual regions in the left supramarginal gyrus support phonological short-term memory: Evidence from lesion-symptom mapping and fMRI studies. 54th Annual Academy of Aphasia Meeting. Llandudno, Wales, UK. *Frontiers in Psychology, Conference Abstract*. doi:10.3389/conf.fpsyg.2016.68.00045
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Faculty Curriculum Vitae

- Dial, H., & Martin, R.** (October 2015). Evaluating proposed dorsal and ventral route functions in speech perception and phonological short-term memory: Evidence from aphasia. 2015 ARMADILLO Southwest Regional Conference on Cognition. Waco, TX.
- Dial, H., Tomkins, B., & Martin, R.** (December 2014). Evaluating dorsal and ventral routes in speech perception and phonological short-term memory: Evidence from aphasia. UT Health Science Center at Houston 21st Annual Neuroscience Poster Session. Houston, TX.
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- Dial, H., & Hiscock, M.** (February 2011). Dichotic listening using frequency-filtered words. International Neuropsychological Symposium. Boston, MA.