

## **Michael Walsh Dickey**

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### **Education**

2000 Ph.D. in Linguistics, University of Massachusetts, Amherst.  
1992 B.A. with Highest Honors in Linguistics, University of North Carolina, Chapel Hill.

### **Positions held**

2019 Visiting Research Fellow, Centre for Research Excellence in Aphasia Recovery and Rehabilitation, La Trobe University; Melbourne, Australia.

2011, 2009 Visiting Professor, Department of Psychology, Singapore Institute of Management/University at Buffalo.

2010 Visiting Scholar, Erasmus Mundi Masters in Clinical Linguistics, University of Potsdam; Potsdam, Germany.

Since 2013 Associate Professor, Department of Communication Science and Disorders, University of Pittsburgh.  
Associate Professor, Department of Psychology, Cognitive Division, University of Pittsburgh.

2009-2013 Assistant Professor, Department of Psychology, Cognitive Division, University of Pittsburgh.

2007-2013 Assistant Professor, Department of Communication Science and Disorders, University of Pittsburgh.

Since 2007 Research Health Scientist, Geriatric Research Education and Clinical Center, VA Pittsburgh Healthcare System

2003-2007 Senior Research Associate, Department of Communication Sciences and Disorders, Northwestern University.

2000-2003 Postdoctoral Fellow, Department of Communication Sciences and Disorders, Northwestern University.

2000-2003 Assistant Professor, part time, Department of Linguistics, Northwestern University.

1999-2000 Visiting Assistant Professor, Department of Linguistics, Northwestern University.

## Publications

### Books

- 2001 **M. W. Dickey**. *The Processing of Tense: Psycholinguistic Studies on the Interpretation of Tense and Temporal Relations*. Studies in Theoretical Psycholinguistics. Kluwer Academic Publishers.

### Peer-reviewed journals (\* indicates publication lead-authored by MWD's student or postdoctoral mentee)

- In revision T. Warren, **M.W. Dickey**. "Verbs, events, and the interplay of linguistic and conceptual knowledge." *Language and Linguistic Compass*.
- In press H. Dresang\*, **M.W. Dickey**, T. Warren. "Semantic memory for objects, actions, and events: A novel test of event-related semantic memory." *Cognitive Neuropsychology*.
- 2019 A. Chrabaszcz, W.J. Neumann, O. Stretcu, W.J. Lipski, A. Bush, C. Dastolfo-Hromack, D. Wang, D.J. Crammond, S. Shaiman, **M.W. Dickey**, L.L. Holt, R.S. Turner, J.A. Fiez, R.M. Richardson (2019). "Subthalamic nucleus and sensorimotor cortex activity during speech production." *Journal of Neuroscience*, 39(14) 2698-2708.
- 2018 W. Lipski, A. Alhourani, T. Pirnia, P. Jones, C. Dastolfo-Hromack, L. Helou, D. Crammond, S. Shaiman, **M.W. Dickey**, L. Holt, J.A. Fiez, R. Turner, R.M. Richardson. "Subthalamic nucleus neurons differentially encode early and late aspects of speech production." *Journal of Neuroscience*, 38(24), 5260.
- 2018 Y. Quique\*, W.S. Evans, **M.W. Dickey**. "Acquisition and generalization responses in aphasia naming treatment: a meta-analysis of Semantic Feature Analysis outcomes." *American Journal of Speech-Language Pathology*, 27(1S), 438-453.
- 2018 E.A. Milburn, T. Warren, **M.W. Dickey**. "Idiom comprehension in aphasia: Literal interference and abstract representation." *Journal of Neurolinguistics*, 47, 16-36.
- 2018 S.E. Forster\*, **M.W. Dickey**, S.D. Forman. "Regional cerebral blood flow predictors of relapse and resilience in substance use recovery: A coordinate-based meta-analysis of human neuroimaging studies." *Drug and Alcohol Dependence*, 185, 93-105.
- 2018 M.L. Gravier\*, **M.W. Dickey**, W.D. Hula, W.S. Evans, R.L. Owens, R.L. Winans-Mitrik, P.J. Doyle. "What Matters in SFA: Practice-related Predictors of Treatment Response in Aphasia." *American Journal of Speech-Language Pathology*, 27(1S), 438-453.
- 2017 Yoo, H.\*, & **Dickey, M. W.** "Aging Effects and Working Memory in Garden-Path Recovery." *Clinical Archives of Communication Disorders*, 2(2), 91-102.
- 2017 Y. Yang\*, **M.W. Dickey**, J. Fiez, B. Murphy, T. Mitchell, J. Collinger, E. Tyler-Kabara, M. Boninger, W. Wang. "Sensorimotor Experience and Verb-Category Mapping in Human Sensory, Motor and Parietal Neurons." *Cortex*, 92 (July), 304-319. (MWD is senior/corresponding author.)
- 2017 T. Warren, **M.W. Dickey**, T. Liburd. "A rational inference approach to group and individual-level sentence comprehension performance in aphasia." *Cortex*, 92 (July), 19-31.
- 2016 R. Hayes\*, **M.W. Dickey**, T. Warren. "Looking for a location: Dissociated effects of event-related plausibility and verb-argument information on predictive processing in aphasia." *American Journal of Speech-Language Pathology*, 25 (December), S758-S775.

- 2016 Evans, WS\*, Quimby, M, **Dickey, MW**, & Dickerson, BC. “Relearning and Retaining Personally-Relevant Words using Computer-Based Flashcard Software in Primary Progressive Aphasia.” *Frontiers in Human Neuroscience*, 10(November), 1–8.
- 2016 Durisko, C., M. McCue, P.J. Doyle, **M.W. Dickey**, J. Fiez. “A flexible and integrated system for the remote acquisition of neuropsychological data.” *Telemedicine and e-Health*, 22(12).
- 2016 T. Warren, **M.W. Dickey**, C.M. Lei. “Structural prediction in aphasia: Evidence from *either*.” *Journal of Neurolinguistics*, 39, 38-48.
- 2016 E. Milburn, T. Warren, **M.W. Dickey**. “World knowledge affects prediction as quickly as selectional restrictions: evidence from the visual world paradigm.” *Language, Cognition, and Neuroscience*, 31(4), 536-548.
- 2016 T. Warren, E. Milburn, N.D. Patson, **M.W. Dickey**. “Comprehending the impossible: What role do selectional restrictions play?” *Language, Cognition, and Neuroscience*, 30(1), 38-48.
- 2016 D.B. Den Ouden, **M.W. Dickey**, C. Anderson and K. Christianson. “Neural correlates of early-closure garden-path processing: Effects of prosody and plausibility.” *Quarterly Journal of Experimental Psychology*, 69(5), 526-549.
- 2015 C.A. Gattei, **M.W. Dickey**, A.J. Wainelboim and L. Paris. “The thematic hierarchy in sentence comprehension: A study on the interaction between verb class and word order in Spanish.” *Quarterly Journal of Experimental Psychology*, 68(10), 1981-2007.
- 2015 **M.W. Dickey** and T. Warren. “The influence of event-related knowledge on verb-argument processing in aphasia.” *Neuropsychologia* 67(1), 63-81.
- 2014 R.L. Winans-Mitrik, W.D. Hula, **M.W. Dickey**, J.G. Schumacher, B. Swoyer, and P.J. Doyle. “Description of an intensive residential aphasia treatment program: rationale, clinical processes, and outcomes.” *American Journal of Speech-Language Pathology*, S1-S13. Doi: 10.1044/2014\_AJSLP-13-0102.
- 2013 M. Yoshida, **M.W. Dickey**, and P. Sturt. “Predictive processing of syntactic structure: Sluicing and ellipsis in real-time sentence processing.” *Language and Cognitive Processes*, 28(3), 272-302.
- 2011 J.E. Sung, M.R. McNeil, S.R. Pratt, **M.W. Dickey**, W. Fassbinder, A.L. Kim, and P.J. Doyle. “Real-time Processing in Reading Sentence Comprehension for Normal Adult Individuals and Persons with Aphasia.” *Aphasiology*, 25, 57-70.
- 2011 **M.W. Dickey** and A. Bungler. “Comprehension of elided structure: Evidence from sluicing.” *Language and Cognitive Processes*, 26, 63-78.
- 2010 **M.W. Dickey** and H. Yoo. “Predicting outcomes for linguistically-specific sentence treatment protocols.” *Aphasiology*, 24, 787-801.
- 2009 **M.W. Dickey** and C.K. Thompson. “Automatic processing of wh- and NP-movement in agrammatic aphasia: Evidence from eyetracking.” *Journal of Neurolinguistics*, 22, 563-583.

- 2009 J.E. Sung, M.R. McNeil, S.R. Pratt, **M.W. Dickey**, W.D. Hula, N.J. Szuminsky, and P.J. Doyle. "Verbal working memory and its relationship to sentence-level reading and listening comprehension in persons with aphasia." *Aphasiology*, 23, 1040-1052.
- 2009 L.G. Lederer, A.G. Scott, C.A. Tompkins, and **M.W. Dickey**. "Imageability effects on sentence judgment by right brain-damaged adults." *Aphasiology*, 23, 1005-1015.
- 2009 Y. Faroqi-Shah and **M.W. Dickey**. "On-line processing of tense and temporality in agrammatic aphasia." *Brain and Language*, 108, 97-111.
- 2009 K. Carlson, **M.W. Dickey**, L. Frazier and C. Clifton. "Information structure expectations in sentence comprehension." *Quarterly Journal of Experimental Psychology*, 62, 114-139.
- 2008 L.H. Milman, **M.W. Dickey** and C.K. Thompson. "A psychometric analysis of functional category production in English agrammatic narratives" *Brain and Language*, 105, 18-31.
- 2008 **M.W. Dickey**, L.H. Milman and C.K. Thompson. "Judgment of functional morphology in agrammatic Broca's aphasia." *Journal of Neurolinguistics*, 21, 35-65.
- 2007 **M.W. Dickey** and C.K. Thompson. "The relation between syntactic and morphological recovery in agrammatic aphasia: A case study." *Aphasiology*, 21, 604-616.
- 2007 **M.W. Dickey**, J.J. Choy and C.K. Thompson. "Real-time comprehension of wh- movement in aphasia: Evidence from eyetracking while listening." *Brain and Language*, 100, 1-22.
- 2005 K. Carlson, **M.W. Dickey** and C. Kennedy. "Structural economy in the processing and representation of gapping sentences." *Syntax*, 8, 208-228.
- 2004 **M.W. Dickey** and C.K. Thompson. "The resolution and recovery of filler-gap dependencies in aphasia: Evidence from on-line anomaly detection." *Brain and Language*, 88, 108-127.

#### Book chapters and working papers

- 2019 M. Colvin, T. Warren, **M.W. Dickey**. "Event knowledge and verb knowledge predict sensitivity to different aspects of semantic anomalies in aphasia." In K. Carlson, C. Clifton and J.D. Fodor (eds.) *Grammatical Approaches to Language Processing – Essays in Honor of Lyn Frazier*. Springer: Studies in Theoretical Psycholinguistics.
- 2013 M. Yoshida, J. Lee & **M.W. Dickey**. "The island (in)sensitivity of sluicing and sprouting." In J. Sprouse and N. Hornstein (eds.) *Experimental Syntax and Island Effects*. Cambridge University Press.
- 2010 T. Warren and **M.W. Dickey**. "On-line costs for predicting upcoming syntactic structure." In *University of Massachusetts Occasional Papers in Linguistics: Processing Structure*, M. Grant and J. Harris (eds.). Amherst, MA: GLSA. 85-100.
- 2003 **M. W. Dickey** "Tense and scope: gerundive relatives and the interpretation of DPs." In *University of Massachusetts Occasional Papers in Linguistics 27: On Semantic Processing*, L. Alonso-Ovalle (ed.). Amherst, MA: GLSA. 56-78.
- 2000 **M.W. Dickey**. "Switch-Reference, dependent Tense, and asymmetric coordination in Miskitu." In *University of Massachusetts Occasional Papers in Linguistics 20: Indigenous Languages*, E. Benedicto (ed.). Amherst, MA: GLSA.
- 1999 **M.W. Dickey**, V. Johnson, T. Roeper and H. Seymour. "Tense and discourse in African-American English." In *Proceedings of the New Perspectives on Language Acquisition*

*Conference*, B. Hollebrandse (ed.). Amherst, MA: GLSA. 107-124.

- 1996 **M.W. Dickey** and S. Tunstall (eds.). *University of Massachusetts Occasional Papers in Linguistics 19: Linguistics in the Laboratory*. Amherst, MA: GLSA.
- 1996 **M.W. Dickey**. “Constraints on the sentence processor and the distribution of resumptive pronouns.” In *University of Massachusetts Occasional Papers in Linguistics 19: Linguistics in the Laboratory*, M.W. Dickey and S. Tunstall (eds.). Amherst, MA: GLSA. 157-192.
- 1995 **M.W. Dickey**. “Inversion in child English and acquisition in Optimality Theory.” In *University of Massachusetts Occasional Papers in Linguistics 18: Papers in Optimality Theory*, J.Beckman, L.Walsh Dickey, S.Urbanczyk (eds.). Amherst, MA: GLSA. 575-588.

#### Conference proceedings and published abstracts

- 2019 Quique, Y. \*, Swiderski, A. M., Hula, W., & **Dickey, M.W.** Meta-analysis of Treatment of Underlying Forms: dosage-related and person-level predictors of acquisition and generalization response. *Front. Hum. Neurosci.* Academy of Aphasia 56th Annual Meeting. doi: 10.3389/conf.fnhum.2018.228.00004.
- 2018 Quique, Y. \*, Dresang, H., **Dickey, M.W.** Semantic memory for objects, actions, and events in Colombian people with aphasia. *Aphasiology*, 32(sup1), 172-175.
- 2017 Gravier, M.L. \*, **Dickey, M.W.**, Hula, W.D., Doyle, P.J. “Cognitive predictors of response to semantically-based naming treatment in chronic aphasia.” *Frontiers in Human Neuroscience*. <http://doi.org/10.3389/conf.fnhum.2017.223.00059>
- 2017 Hula, W.D., Fernandez-Miranda, J.M., Yeh, F-C., Fernandes-Cabral, D., **Dickey, M.W.**, et al. “Left Ventral Stream White Matter Connectivity Predicts Response to Semantic Feature Analysis Treatment in Chronic Aphasia.” *Frontiers in Human Neuroscience*. <http://doi.org/10.3389/conf.fnhum.2017.223.00038>
- 2016 **Dickey, M.W.**, Holcomb, M.B., & Warren, T. “Sensitivity to verb-argument anomalies in aphasia is driven by event knowledge” *Frontiers in Psychology*. <http://doi.org/10.3389/conf.fpsyg.2016.68.00079>
- 2016 Lei, C.-M., Dresang, H.C., Holcomb, M.B., Warren, T. & **Dickey, M. W.** “Neural bases of semantic-memory deficits for events” *Proceedings of the 38<sup>th</sup> Annual Meeting of the Cognitive Science Society*. Cambridge, MA: Cascadilla Press.
- 2015 **Dickey, M. W.**, Warren, T., Milburn, E., Hayes, R., & Lei, C.-M. “Verb-based anticipatory processing in aphasia.” *Frontiers in Psychology*. <http://doi.org/10.3389/conf.fpsyg.2015.65.00068>
- 2015 Hayes, R. A., **Dickey, M. W.**, & Warren, T. “Prediction of arguments and adjuncts in aphasia: Effects of event-related and verb-specific knowledge?” *Frontiers in Psychology*. <http://doi.org/10.3389/conf.fpsyg.2015.65.00006>
- 2015 Lei, C.-M., Warren, T., & **Dickey, M. W.** “Structural prediction in aphasia.” *Frontiers in Psychology*. <http://doi.org/10.3389/conf.fpsyg.2015.65.00061>
- 2015 Milburn, E. A., Warren, T., & **Dickey, M. W.** “Effects of familiarity, context, and abstract representations on idiom processing in aphasia.” *Frontiers in Psychology*. <http://doi.org/10.3389/conf.fpsyg.2015.65.00005>

- 2014 Warren, T., Liburd, T., & **Dickey, M. W.** “Sentence comprehension in aphasia: A noisy channel approach.” *Frontiers in Psychology*.  
<http://doi.org/10.3389/conf.fpsyg.2014.64.00068>
- 2014 **Dickey, M. W.**, Warren, T., Hayes, R., & Milburn, E. “Prediction during sentence comprehension in aphasia.” *Frontiers in Psychology*.  
<http://doi.org/10.3389/conf.fpsyg.2014.64.00067>
- 2013 **M.W. Dickey** & H. Yoo. “Acquisition Versus Generalization in Sentence Production Treatment in Aphasia: Dose-response Relationships.” *Procedia-Social and Behavioral Sciences*, 94, 281-282.
- 2013 T. Warren & **M.W. Dickey**. “The Influence of Event-related Knowledge on Verb-argument Processing in Aphasia.” *Procedia-Social and Behavioral Sciences*, 94, 194-195.
- 2008 **M.W. Dickey** and C.K. Thompson. “Neurolinguistic evidence for the (non-)unity of wh-structures.” In *Proceedings of CLS 43*.
- 2007 Y. Farooqi-Shah, **M.W. Dickey**, and M. Sampson. “On-line processing of tense and temporality in agrammatic aphasia.” *Brain and Language*, 103, 27-28.
- 2007 C.K. Thompson, **M.W. Dickey**, J. Lee, S. Cho, and Z.M. Griffin. “Verb argument structure encoding during sentence production in agrammatic aphasic speakers: An eye-tracking study.” *Brain and Language*, 103, 24-26.
- 2006 C.K. Thompson, L.H. Milman, **M.W. Dickey**, J.E. O’Connor, B. Bonakdarpour, S.C. Fix, J.J. Choy and D.F. Arcuri. “Functional category production in agrammatism: Treatment and generalization effects.” *Brain and Language*, 99, 69-71.
- 2006 **M.W. Dickey** and C.K. Thompson. “Automatic processing of wh- and NP-movement in agrammatic aphasia.” *Brain and Language*, 99, 63-64.
- 2005 S. Fix, **M.W. Dickey** and C.K. Thompson. “Impairments of derivational word formation in agrammatic aphasia.” *Brain and Language*, 95, 82-83.
- 2005 **M.W. Dickey**, L. Milman and C.K. Thompson. “Perception of functional morphology in agrammatic Broca’s aphasia.” *Brain and Language*, 95, 82-83.
- 2004 C.K. Thompson, **M.W. Dickey** and J.J. Choy. “Complexity in the comprehension of wh-movement structures in agrammatic Broca’s aphasia: evidence from eyetracking.” *Brain and Language*, 91, 124-125.
- 2004 L. Milman, **M.W. Dickey** and C.K. Thompson. “Production of functional categories in agrammatic narratives: an IRT analysis.” *Brain and Language*, 91, 126-127.
- 2004 A.S. Proctor, **M.W. Dickey** and L. Rips. “The time-course and cost of telicity inferences.” *Proceeding of the 26th Annual Meeting of the Cognitive Science Society*. Cambridge, MA: Cascadilla Press.
- 2002 **M.W. Dickey** and C.K. Thompson. “The resolution and recovery of filler-gap dependencies in aphasia: Evidence from on-line anomaly detection.” *Brain and Language*, 83, 162-164.
- 2001 **M.W. Dickey**, E. Burg, R. Goldsborough, M.B. Gurry, J. Highsmith, and K. Tester. “A Midwestern double modal.” In *Proceedings of CLS 36, Vol. 2*, J. Boyle, J.-H. Lee, and A. Orkent (eds.). Chicago, IL: Chicago Linguistic Society. 207-221.

- 1998 **M.W. Dickey.** “Switch-Reference and clause chaining in Miskitu.” In *Proceedings of NELS 28, Vol. 2*, K. Kusumoto and P.N. Tamanji (eds.). Amherst, MA: GLSA. 47-61.
- 1996 J. Jackson, E. Ramos, F. Hall, D. Coles, H. Seymour, **M.W. Dickey**, K. Broderick, and B. Hollebrandse. “‘They be taggin', don't they?': The acquisition of invariant be.” In *Proceedings of the 20th Annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press. 364-373.

#### Published reviews and responses

- 2007 **M.W. Dickey.** “Prayer, pronouns, and reference to God.” *Journal of Textual Reasoning* 5(1).
- 2002 **M.W. Dickey.** “Review of I. Krämer, *Interpreting Indefinites.*” *Glott International* 6, 97-103.

#### **Grants, fellowships, and awards**

##### Extramural: Submitted

- 2019-2021 VA RR&D Level 1 Career Development Award 1 IK2 RX003265-01, “Recovery of Object and Action Naming Following Non-Invasive Brain Stimulation in Chronic Aphasia.” (Gravier, M., PI; **Dickey, M. W.**, Primary Mentor; Hula, W., Doyle, P., Forman, S., Coutanche, M., Co-mentors. Total budget: \$163,852) – *submitted Dec. 2018, impact: 221 (100-500 scale)*
- 2018-2023 NIH-NIDCD 2R01DC011520-06, “Neural Bases of Verb-Argument Processing.” (**M.W. Dickey** and T. Warren, MPIs; J.A. Fiez, S. Fraundorf, co-investigators. Total budget: \$1,634,645) – *submitted Dec. 2016, scored 28<sup>th</sup> percentile; resubmitted Aug. 2019.*

##### Extramural: Awarded

- 2019-2021 NIH-NIDCD 1 F31 DC017896-01, “Neural and behavioral investigations of dissociations in conceptual and linguistic factors influencing verb retrieval in people with aphasia.” (Dresang, H., PI; **Dickey, M. W.**, Sponsor. Total budget: \$42,000)
- 2019-2024 NIH-NIDCD 1 R01 DC017475-01A1, “Optimizing and understanding semantic feature analysis treatment for aphasia: A randomized controlled comparative-effectiveness trial” (Doyle, P.J., W. Hula, MPIs; **M.W. Dickey**, Gravier, M., Sandberg, C., co-investigators: Total budget: \$2,980,252 [direct costs \$2,367,350])
- 2019-2023 VA Merit Review RR&D 1I01RX000832-01A2, “Optimizing and understanding semantic feature analysis treatment for aphasia: A randomized controlled comparative-effectiveness trial” (W. Hula, **M.W. Dickey**, MPIs; Doyle, P.J., Gravier, M., Sandberg, C., co-investigators: Total budget: \$1,498,207 [direct costs \$1,498,207])
- 2019-2021 VA CSR&D Level 2 Career Development Award, 1 IK2 CX001808-01, “Electrophysiological Predictors and Indicators of Contingency Management Treatment Response.” (Forster, S., PI; Steinhauer, S., Primary Mentor; **Dickey, M.W.**, Siegle, G., Co-mentors. Total budget: \$665,994)

- 2019 Collaboration Ready Scheme, La Trobe University “Analysis of outcomes from the COMPARE aphasia-treatment trial” (**M.W. Dickey**, PI; M. Rose, Sponsor. Total budget: \$9,930)
- 2017-2021 NIH-NIDCD 5R13DC006295-15, “Research symposium in clinical aphasiology.” (Dickey, M.W., PI. Total budget: \$166,375)
- 2017-2019 VA SPiRE I21RX002566, “Immediate and Cumulative Effects of rTMS on Brain Activation in Chronic Aphasia.” (Gravier, M., PI; Forman, S., **Dickey, M.W.**, Hula, W., and Doyle P.J., Co-Is. Total budget: \$198,218 [direct costs \$198,218])
- 2017-2019 VARR&D Level 1 Career Development Award IK1 RX002475, “Optimizing Task Engagement in Computer-based Aphasia Treatment” (Evans, W.S., PI; Hula, W., Primary Mentor; **Dickey, M.W.**, Doyle, P., Starns, J., Co-mentors. Total budget: \$148,338)
- 2015-2020 NIH-NIDCD 1R01DC013803-01, “Language connectivity pathways and neuroplasticity in aphasic stroke patients ” (Hula, W.D. and Fernandez-Miranda, J., PIs; **Dickey, M.W.**, Doyle, P.J., Schneider, W., co-Is: Total budget: \$1,420,637 [Direct Costs: \$1,070,012]).
- 2013-2018 VA Merit Review RR&D 1I01RX000832-01A2, “Dosage and predictors of naming treatment response in aphasia” (**M.W. Dickey**, Patrick J. Doyle, joint PIs; William D. Hula, Steven D. Forman, Malcolm R. McNeil, Bruce Crosson and Jamie Reilly, co-investigators: Total budget: \$1,096,118 [direct costs \$1,096,118])
- 2012-2018 NIH-NIDCD 1R01DC011520-01, “Neural Bases of Verb-Argument Processing.” (**Michael Walsh Dickey** and Tessa Warren, joint PIs; Julie Fiez and Connie Tompkins, co-investigators. Total budget: \$1,300,482 [direct costs \$900,000])
- 2015-2107 NIH-NIDCD 1R21DC013568, “Remote Neuropsychological Assessment: A Proof-of-Concept Test” (Fiez, J., PI; **Dickey, M.W.**, Doyle, P.J. and McCue, M., co-investigators. Direct costs: \$125,000)
- 2014-2015 American Heart Association 14IRG19040006, “Cyber-Enabled Neuropsychological Self-assessment (CENSA) in Stroke Research.” (Fiez, J., PI; **Dickey, M.W.**, Doyle, P.J. and McCue, M., co-investigators. Total budget: \$68,182 [direct costs: \$68,182]).
- 2013-2017 VA Merit Review RR&D 1I01RX001145-01A1, “Aphasic comprehension: conflict resolution and short-term memory.” (McNeil, M.R., PI, Pratt, S., Fassbinder, W., **Dickey, M.W.**, Hula, W.D., Martin, N., Kendall, D., Patterson, J., co-investigators: Total budget: \$1,098,915 [direct costs \$1,098,915])
- 2011-2014 Deutsche Forschungsgemeinschaft (DFG, German Research Foundation), “Computational Modelling of Aphasic Sentence Comprehension.” (Shravan Vasishth, University of Potsdam, PI, **Michael Walsh Dickey**, consultant: 2010-2013, Total budget: \$15,000 [direct costs \$15,000])

#### Intramural

- 2017-2019 VA Competitive Pilot Project Fund “Cortisol and Response to Intensive Speech-Language Intervention in Chronic Aphasia.” (Gravier, M., PI; **Dickey, M.W.**, Hula, W., Doyle, P., Co-Is. Total budget: \$74,866 [direct costs: \$74,866])
- 2017-2018 VA Stars & Stripes Healthcare Network (VISN 4) GRECC Pilot Project Fund, “Semantic



Feature Analysis Treatment for Aphasia: Predictors of Generalization to Connected Speech.” (Gravier, M., PI; **Dickey, M.W.**, Hula, W., Doyle, P., Co-Is. Total budget: \$25,000 [direct costs: \$25,000])

- 2017-2018 VA Stars & Stripes Healthcare Network (VISN 4) GRECC Pilot Project Fund, “Feature-type effects on naming treatment response: Analysis of acquisition and generalization outcomes for Semantic Feature Analysis treatment.” (Evans, W., PI; **Dickey, M. W.**, Doyle, P., Gravier, M., Hula, W., Co-Is. Total budget: \$25,000 [direct costs: \$25,000])
- 2016-2017 VA Stars & Stripes Healthcare Network (VISN 4) GRECC Pilot Project Fund, “The neurobiological basis of the effect of low frequency inhibitory and excitatory primed repetitive transcranial magnetic stimulation (rTMS) on naming performance in chronic aphasia.” (Gravier, M., Forman, S. Co-PIs; **M.W. Dickey**, co-I. Total budget: \$25,000 [direct costs \$25,000])
- 2010-2012 Central Research Development Fund grant 38215, University of Pittsburgh, “Prediction during language comprehension among language-impaired and unimpaired adults.” (**M.W. Dickey**, PI: Total budget: \$14,900 [direct costs \$14,900])
- 2009-2010 VA Stars and Stripes Healthcare Network (VISN 4) GRECC Pilot Project Fund, “Language comprehension following mild TBI” (**M.W. Dickey**, PI: \$25,000 [direct costs \$25,000])
- 2008-2010 Central Research Development Fund grant 37769, University of Pittsburgh, “Comprehension of complex sentences in normal and brain-injured adults” (**Michael Walsh Dickey**, PI: \$10,000 [direct costs \$10,000])

#### Other grant-related activity

- 2017-2019 Consultant, NIH-NINDS 5U01NS098969, “Subthalamic and corticosubthalamic coding of speech production.” (Mark Richardson, University of Pittsburgh, PI)
- 2003-2007 Affiliate, NIH-NIDCD R01DC01948-14, “Neurolinguistic investigations of aphasia and aphasia recovery” (Cynthia K. Thompson, Northwestern University, PI)
- 2003-2005 Consultant, NIH grant R03 DC05913-01A1, “Measuring context effects on spoken word recognition” (José R. Benkí, University of Michigan, PI)
- 1998 NIH Predoctoral Traineeship in Psycholinguistics, NIH Training Grant HD 07327 (University of Massachusetts)
- 1995-1998 Consultant, NIH grant R01 DC02172-03, on development of the Diagnostic Evaluation of Language Variation, focused on African-American English (Harry N. Seymour, University of Massachusetts, PI)

#### **Invited presentations, lectures, and colloquia**

- 2018 “Predictors and mechanisms of naming treatment response in aphasia.” Center for Language Science Distinguished Speakers Series, The Pennsylvania State University (April 2018).
- 2018 “Predictors and mechanisms of naming treatment response in aphasia.” Center for Study of Aphasia Recovery (C-STAR) Lecture Series, University of South Carolina. (February 2018).

- 2017 “Psycholinguistic and practice-related predictors of treatment response in aphasia.”  
Invited talk, Language Processing and Recovery in Aphasia Symposium, Boston University.  
(April 2017).
- 2015 “Prediction and integration during verb-argument understanding: Evidence from typical  
and disordered language processing.” Invited colloquium, Beckman Institute and  
Dept. of Psychology, University of Illinois. (May 2015).
- 2013 “Verb-argument representations and world knowledge in language comprehension.”  
Invited colloquium, Rutgers Center for Cognitive Science, Rutgers University  
(September 2013).
- 2013 “Automatic processing, rehabilitation, and recovery of complex sentences in aphasia.”  
Physical and Medical Rehabilitation Rounds, University of Pittsburgh School of Medicine  
(September 2013).
- 2011 “Automatic processing, rehabilitation, and recovery of complex sentences in aphasia.”  
Invited speaker, Senior Vice Chancellor’s Research Seminar 2011, University of Pittsburgh  
School of Medicine (November 2011).
- 2010-2012 “Automatic processing and recovery of complex sentences in aphasia.”  
Cognitive Science Colloquium Series, McMaster University (September 2010);  
Linguistics and Cognitive Science Colloquium Series, University of Delaware  
(November 2010); Cognitive Science Colloquium Series, University at Buffalo  
(March 2011); Linguistics Colloquium Series, University of Maryland (February 2012).
- 2010 “(Not) good-enough processing: Language processing in the face of language impairments.”  
Invited NIH-NIDCD platform presentation, Clinical Aphasiology Conference,  
Isle of Palms, SC (May 2010); Invited colloquium, Erasmus Mundi Clinical Linguistics  
Programme, University of Potsdam, Germany (July 2010); Invited colloquium, Department  
of Linguistics, University of Pittsburgh (September 2010).
- 2010 “Real-time processing and treatment of complex sentences in aphasia.”  
Invited colloquium, Department of Speech Language and Hearing Sciences,  
Boston University (April 2010).
- 2008 “Temporal reference and syntactic processing.”  
Invited presentation, University of Edinburgh (June 2008);  
Invited colloquium, Cognitive division, Department of Psychology, University of Pittsburgh  
(December 2008).
- 2007 “The psycholinguistics and recovery of complex sentences in agrammatic aphasia.”  
Invited presentation, Learning Research and Development Center, University of Pittsburgh.
- 2007 “Using Computer Technology to Assess Language Impairments.” Didactic Lecture,  
GRECC Conference Series, Geriatric Research Education and Clinical Center,  
VA Pittsburgh Healthcare System (September 2007).
- 2007 “The relationship between morphological and syntactic impairments in agrammatic  
aphasia.” Invited colloquium, Department of Communication Science and Disorders,  
University of Pittsburgh (March 2007).
- 2007 “Automatic processing and recovery of complex sentences in aphasia.”  
Invited colloquium, Department of Speech, Language and Hearing Sciences,

San Diego State University (March 2007); Department of Communication Science and Disorders, University of Pittsburgh (January 2007).

- 2004 “Real time sentence comprehension and recovery in aphasia,” with C.K. Thompson and D. Swinney. Special session presented at 34<sup>th</sup> annual Clinical Aphasiology Conference (Park City, UT – May 2004).
- 2003 Featured speaker, “It’s about time: Theoretical and experimental perspectives on tense, aspect, modality, and events.” Workshop, 2003 LSA Summer Institute, Michigan State University.
- 2002 “The resolution of temporal relations in discourse.” Invited colloquium, Department of Linguistics, University of Chicago.
- 2001 “Minimizing structure in gapping: Theoretical perspectives and processing implications,” with C. Kennedy. Invited talk, workshop on the acquisition and processing of ellipsis, University of Massachusetts (Amherst).
- 2000 “The processing of temporal relations in discourse.” Invited colloquium, Department of Brain and Cognitive Sciences, University of Rochester.

### Selected conference presentations

- 2019 “Meta-analysis of Treatment of Underlying Forms: dosage-related and person-level predictors of acquisition and generalization response.” Quique, Y., Swiderski, A. M., Hula, W., & **Dickey, M.W.** Academy of Aphasia 56th Annual Meeting (October: Montreal, QC).”
- 2018 “Event-referent activation in the visual world: Persistent activation is guided by both lexical and event representations.” Dresang, H., **Dickey, M.W.** & Warren, T. Poster presented at CUNY Conference on Sentence Processing (March: Davis, CA).
- 2018 “To adapt or not to adapt: No evidence that readers adjust their expectation for a disjunction in the either...or structure.” Colvin, M., Warren, T. & **Dickey, M.W.** Poster presented at CUNY Conference on Sentence Processing (March: Davis, CA).
- 2017 “Acquisition & Generalization Responses in Aphasia Naming Treatment: A Meta-Analysis of Semantic Feature Analysis Outcomes” Quique Buitrago, Y. & **Dickey, M.W.** Poster presented at Clinical Aphasiology Conference (May: Snowbird, UT)
- 2017 “Attention and retention without intention: Potential hyper-binding in implicit learning among older adults and individuals with aphasia.” Hayes, R.A., **Dickey, M. W.**, Warren, T. Poster presented at Clinical Aphasiology Conference (May: Snowbird, UT)
- 2017 “Broad Versus Focused Intensive Aphasia Rehabilitation: A Comparison of Treatment Outcomes.” Owens, R.O., Grzybowski, A., Verlinich, A., Hula, W.D., **Dickey, M.W.**, Doyle, P.J. Roundtable presented at Clinical Aphasiology Conference (May: Snowbird, UT)
- 2017 “Semantic Priming to Improve Comprehension and Expression of Sentences (SPICES).” Schumacher, J., Winans-Mitrik, R.L., **Dickey, M. W.**, Owens, R.O., Doyle, P.J. Roundtable presented at Clinical Aphasiology Conference (May: Snowbird, UT)
- 2017 “Evidence that uncertainty drives comprehension patterns in people with aphasia.” **Dickey, M.W.**, Warren, T., Nunn, K.M., Colvin, M.B., Hayes, R.A., Milburn, E.A., Lei, C.M. Platform paper presented at CUNY Sentence Processing Conference

(March: Cambridge, MA)

- 2016 “Acquisition & Generalization Responses in Aphasia Naming Treatment: A Meta-Analysis of Semantic Feature Analysis Outcomes” Quique, Y. & **Dickey, M.W.** Platform paper presented at American Speech Language and Hearing Association Convention (November: Philadelphia, PA)
- 2016 “Neural bases of semantic-memory deficits for events” Lei, C.M., Dresang, H.C., Holcomb, M.B., Warren, T. & **Dickey, M.W.** Poster presented at Cognitive Science Society (August: Philadelphia, PA)
- 2016 “Psycholinguistic predictors of treatment response in semantic feature analysis.” **Dickey, M. W.**, Doyle, P.J, Gravier, M., Hula, W.D. Platform paper presented at Clinical Aphasiology Conference (May: Charlottesville, VA)
- 2016 “Promoting lexical retention and relearning in primary progressive aphasia via computer-based distributed learning.” Evans, W. S., **Dickey, M. W.**, Quimby, M. & Dickerson, B. Roundtable presented at Clinical Aphasiology Conference (May: Charlottesville, VA)
- 2016 “Semantic memory for objects and events: A novel test of event-related conceptual semantic knowledge.” Dresang, H.C., Warren, T., & **Dickey, M. W.** Poster presented at Clinical Aphasiology Conference (May: Charlottesville, VA)
- 2016 “What matters in SFA: Practice-related predictors of treatment response in aphasia.” Gravier, M., **Dickey, M. W.**, Doyle, P.J, Hula, W.D., Evans, W.S. Poster presented at Clinical Aphasiology Conference (May: Charlottesville, VA)
- 2015 “Verb-based anticipatory processing in aphasia.” **Dickey, M. W.**, Warren, T., Milburn, E., Hayes, R., & Lei, C.-M. Platform paper presented at Academy of Aphasia (October: Tucson, AZ)
- 2015 “Prediction of arguments and adjuncts in aphasia: Effects of event-related and verb-specific knowledge?” Hayes, R. A., **Dickey, M. W.**, & Warren, T. Poster presented at Academy of Aphasia (October: Tucson, AZ)
- 2015 “Structural prediction in aphasia.” Lei, C.-M., Warren, T., & **Dickey, M. W.** Poster presented at Academy of Aphasia (October: Tucson, AZ)
- 2015 “Effects of familiarity, context, and abstract representations on idiom processing in aphasia.” Milburn, E. A., Warren, T., & **Dickey, M. W.** Platform paper presented at Academy of Aphasia (October: Tucson, AZ)
- 2015 “A comparison of naming treatment response in 2 PWA with unique linguistic, cognitive, and neuropathological profiles,” **M.W. Dickey**, B. Friedman, W.D. Hula, P.J. Doyle. Roundtable presented at Clinical Aphasiology Conference (May: Monterrey, CA).
- 2015 “Different effects of argument status and event plausibility on verb-argument prediction among young adults and individuals with aphasia,” R.A. Hayes, **M.W. Dickey**, T. Warren. Poster presented at Clinical Aphasiology Conference (May: Monterrey, CA).
- 2015 “Prediction may be independent of production: Lexical predictability effects in aphasia,” **M.W. Dickey**, T. Warren, R.A. Hayes, E. Milburn. Poster presented at CUNY Sentence Processing Conference (March: Los Angeles, CA).

- 2015 “Limited effect of argument status on prediction and integration of locative event participants,” R.A. Hayes, **M.W. Dickey**, T. Warren. Poster presented at CUNY Sentence Processing Conference (March: Los Angeles, CA).
- 2014 “Concept encoding in individual neurons of human motor cortex,” Y. Yang, **M.W. Dickey**, J. Fiez, B. Murphy, T. Mitchell, J. Collinger, E. Tyler-Kabara, M. Boninger, W. Wang. Poster presented at Society for Neuroscience (November: Washington, DC).
- 2014 “Garden-path effects and recovery in aphasia,” H. Yoo and **M.W. Dickey**. Poster presented at Clinical Aphasiology Conference (May: St. Simons Island, GA).
- 2014 “Acquisition and generalization responses in aphasia treatment: Evidence from sentence-production,” **M.W. Dickey**, W.D. Hula, H. Yoo. Paper presented at Clinical Aphasiology Conference (May: St. Simons Island, GA).
- 2014 “No lexical boost: verb-based information does not facilitate prediction over and above event-based knowledge in the visual world,” T. Warren, E. Milburn, **M.W. Dickey**. Poster presented at CUNY Sentence Processing Conference (March: Columbus, OH).
- 2013 “Impossibility in Verb-Argument Processing cued by Verb- vs. Event-Knowledge Violations,” T. Warren, E. Milburn, **M.W. Dickey**. Poster presented at Architectures and Mechanisms of Language Processing Conference (September: Marseille, France).
- 2013 “Acquisition Versus Generalization in Sentence Production Treatment in Aphasia: Dose-response Relationships,” **M.W. Dickey** and H. Yoo. Paper presented at ASHA Annual Meeting (November: Chicago, IL).
- 2013 “Acquisition Versus Generalization in Sentence Production Treatment in Aphasia: Dose-response Relationships,” **M.W. Dickey** and H. Yoo. Paper presented at Academy of Aphasia (October: Geneva, Switzerland).
- 2013 “Descriptions of an intensive residential aphasia treatment program: Rationale, clinical processes, and outcomes.” R. Winans-Mitrik, J. Schumacher, W.D. Hula, **M.W. Dickey** & P.J. Doyle. Paper presented at Clinical Aphasiology Conference (May: Tucson, AZ)
- 2013 “Verb-argument processing with and without event-related knowledge impairments,” **M.W. Dickey** and T. Warren. Poster presented at CUNY Sentence Processing Conference (March: Columbia, SC).
- 2013 “Incremental parsing, gapping, and connectives,” M. Yoshida, K. Carlson, and **M.W. Dickey**. Paper presented at CUNY Sentence Processing Conference (March: Columbia, SC).
- 2012 “Conflict Resolution and Goal Maintenance Components of Executive Attention are Impaired in Persons With Aphasia: Evidence from the Picture-Word Interference Task,” K.Y. Lim, M. McNeil, **M.W. Dickey** P.J. Doyle, W.D. Hula. Poster presented at ASHA Annual Meeting (November: Atlanta, GA)
- 2012 “Anatomical correlates of manipulable and non-manipulable object name generation in aphasia: A voxel-based lesion symptom mapping study” Reilly, J., Harnish, S., Park, H., Paris, A., Rodriguez, A., Bennett, J, Garcia, A., Edmonds, L., **Dickey, M.W.** and Crosson, B. Poster presented at the Society

- for the Neurobiology of Language (October: San Sebastian, Spain)
- 2012 “Neural correlates of the head-position effect in plausibility manipulations.”  
Den Ouden, D.B. and **Dickey, M.W.** Poster presented at the Society for the Neurobiology of Language (October: San Sebastian, Spain)
- 2012 “Predictors of slowed reading times in persons with aphasia and control participants,”  
with W. Fassbinder, M. McNeil, H.S. Kim, K.Y. Lim, S. Pratt, D. Kendall, R. Pompon,  
N. Szuminsky, Poster presented at Clinical Aphasiology Conference (May: Lake Tahoe, CA)
- 2012 “Conflict Resolution and Goal Maintenance Components of Executive Attention  
are Impaired in Persons With Aphasia: Evidence from the Picture-Word Interference Task,”  
with K.Y. Lim, M. McNeil, P.J. Doyle, W.D. Hula. Poster presented at Clinical  
Aphasiology Conference (May: Lake Tahoe, CA)
- 2012 “Neurolinguistic evidence for independent contributions of verb-specific and event-related  
knowledge to argument processing,” with T. Warren. Poster presented at CUNY Sentence  
Processing Conference (March: New York, NY).
- 2011 “Neural correlates of prosody and plausibility in garden-path processing,”  
with D.B. den Ouden, K. Christianson, C. Anderson. Poster presented at the Society for the  
Neurobiology of Language (November: Annapolis, MD)
- 2011 “Varieties of linguistic complexity in a standardized assessment of language performance,”  
with W. Fassbinder, M. McNeil, S. Pratt, D. Kendall, D. Krieger, K.Y. Lim, A. Kim,  
N. Szuminsky, R. Pompon. Poster presented at Clinical Aphasiology Conference (June:  
Ft. Lauderdale, FL)
- 2011 “Developing a standardized measure of short-term memory and syntactic complexity:  
results from subtests of the CRTT-R,” with W. Fassbinder, M. McNeil, K.Y. Lim, S. Pratt,  
A. Kim, D. Kendall, R. Pompon, N. Szuminsky. Paper presented at Clinical Aphasiology  
Conference (June: Ft. Lauderdale, FL)
- 2011 “Effects of linguistic complexity and executive attentional demands on sentence  
Comprehension in persons with aphasia and normal controls,” with M. McNeil, S. Pratt,  
W. Fassbinder, D. Kendall, K.Y. Lim, A. Kim, R. Pompon, N. Szuminsky, D. Krieger.  
Poster presented at Clinical Aphasiology Conference (June: Ft. Lauderdale, FL)
- 2011 “Parallelism and the incremental processing of ellipsis,” with Katy Carlson and  
Masaya Yoshida. Poster presented at CUNY Sentence Processing Conference (March:  
Palo Alto, CA).
- 2011 “Contrast with the last constituent,” with Katy Carlson. Poster presented at CUNY  
Sentence Processing Conference (March: Palo Alto, CA).
- 2011 “The inner workings of working memory: Preliminary data from unimpaired populations,”  
with Rebecca Anne Hayes. Poster presented at National Conference on Undergraduate  
Research (March: Ithaca, NY), Clinical Aphasiology Conference (June: Ft.Lauderdale, FL).
- 2011 “Aging effects and working memory in garden-path sentence comprehension,”  
with Hyunsoo Yoo. Poster presented at Poster presented at CUNY Sentence Processing  
Conference (March: Palo Alto, CA), Clinical Aphasiology Conference  
(June: Ft. Lauderdale, FL).
- 2009 “What to expect of a noun phrase,” with K. Carlson. Poster presented at

CUNY Sentence Processing Conference (March: Davis, CA).

- 2008 “Not-good-enough processing in agrammatic and non-agrammatic speakers,” with D.B. den Ouden, C. Anderson and K. Christianson. Paper presented at 21<sup>st</sup> CUNY conference on Sentence Processing (Chapel Hill, NC).
- 2008 “Active dependency formation for adjunct wh-phrases,” with M. Yoshida. Poster presented at 21<sup>st</sup> annual CUNY conference on Sentence Processing (Chapel Hill, NC).
- 2008 “Prediction in parsing: Either syntactic or semantic,” with M. Yoshida. Poster presented at 21<sup>st</sup> annual CUNY conference on Sentence Processing (Chapel Hill, NC).
- 2007 “Argument structure encoding in the production of verbs and sentences: An eyetracking study,” with C.K. Thompson, J. Lee, S. Cho, and Z.M. Griffin. Poster presented at 37<sup>th</sup> annual Clinical Aphasiology Conference (Scottsdale, AZ).
- 2007 “Double-object constructions and focus,” with K. Carlson. Poster presented at 20<sup>th</sup> annual CUNY conference on Sentence Processing (San Diego, CA).
- 2002 “The acquisition of tense and aspect in African-American English,” with T. Wyatt, B. Hollebrandse, J. DeVilliers, H. Seymour, and J.M. Terry. Symposium given at joint meeting of International Congress for the Study of Child Language and the Symposium on Research in Child Language Disorders (Madison, WI).
- 2002 “Assessing argument structure preferences: Sentence completion vs. argument structure estimation,” with A. Bungler. Poster presented at 15<sup>th</sup> annual CUNY conference on Sentence Processing (New York).
- 1998 “Verb-cluster sentences in Dutch: An on-line study,” with W. Vonk. Paper presented at annual meeting of Linguistic Society of America (New York).
- 1997 “Center-embedded structures in Dutch: An on-line study,” with W. Vonk. Poster presented at 10<sup>th</sup> annual CUNY Conference on Human Sentence Processing (Santa Monica, CA).
- 1996 “Twahka: A neglected variety of Sumu,” with E. Benedicto and K. Hale. Paper presented at the joint annual meeting of the Society for the Study of Indigenous Languages of the Americas and the Linguistic Society of America (San Diego, CA).
- 1995 “The acquisition of habitual ‘be’ in African-American English,” with J. Jackson. Poster presented at annual meeting of the American Speech and Hearing Association (Orlando, FL).

### **Other professional experience**

- 1996-1998 Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands.  
Visiting pre-doctoral researcher.
- 1993 Departments of Linguistics and Psychology, University of Massachusetts.  
Research assistant for L.Frazier and C.Clifton, Language Comprehension Laboratory.

### **Teaching experience**

- 2014- Western Psychiatric Institute and Clinic, University of Pittsburgh Medical Center.  
Lecturer, Neuroscience course for Psychiatry residents: 1-2 annual 1-hour

lectures on language, the brain, and aphasia.

- 2014 Department of Linguistics/Neurolinguistics Laboratory, National Research University Higher School of Economics, Moscow, Russia  
Instructor, “Sentence comprehension: Factors, models, and methods” (intensive 10-hour seminar); workshops on eyetracking and treatment research in language and language disorders (intensive 3-hour workshops: 2)
- 2011, 2009 Department of Psychology, Singapore Institute of Management/University at Buffalo  
Instructor, “Introduction to Cognitive Psychology”
- 2010 Erasmus Mundi Master’s Programme in Clinical Linguistics, University of Potsdam,  
Instructor, “Language processing and language impairments” (intensive 12-hour seminar)
- Since 2008 Department of Communication Science & Disorders, University of Pittsburgh  
Instructor,  
Ph.D.-level courses: “Ph.D. Seminar in Speech-Language Pathology” (2009, 2013, 2015); “Ph.D. Seminar in Hearing” (2017); “Introduction to Ph.D. studies” (2018, 2019)  
M.A.-level courses: “Neurogenic Communication Disorders 1” (2019); “Child Language Disorders 2” (2008); “Research Strategies and Tactics” (2010)  
Undergraduate courses: “Transcription Phonetics” (since 2008); “Introduction to Speech-Language Pathology” (2009-2013)
- 2007 Department of Communication Sciences & Disorders, Northwestern University  
Co-instructor, “Aphasia I: Disorders of language processing and representation” (graduate-level introduction to adult neurogenic language disorders, co-taught with Cynthia K. Thompson)
- 1999-2003 Department of Linguistics, Northwestern University.  
● Instructor, Advanced undergraduate/graduate-level courses:  
“Child Language,” “Sentence Processing”  
● Instructor, Introductory-level courses:  
“Meaning,” “Language and Prejudice,” “American Englishes” (freshman seminar)
- 1993-1995 Department of Linguistics, University of Massachusetts.  
Instructor, “Introduction to Linguistic Theory,” “People and Their Language”

## **Advising and Mentoring**

### Undergraduate

- Since 2007 Department of Communication Science and Disorders, University of Pittsburgh.  
B.Phil advisor (10): Hallie Mintz (2010), Rebecca Hayes (2011), Amanda Fryd (2012), Molly Lane (2013), Lidia Zacharczuk (2013), Mary Mitkish (2014), Claire Kirby (2015), Kristen Nunn (2015), Sindhura Chennupati (2018), Hayley Reichner  
B.Phil committee member (4): Dorothy Yang, Kelly Coburn, Jessica Intintoli, Emily Goldberg
- Since 2008 Department of Psychology, University of Pittsburgh.  
B.Phil. committee member (2): Gerrett George, Mehrgol Tiv



## Graduate

- Since 2008 Department of Psychology, University of Pittsburgh.
- Dissertation committee member (4):  
Nikole Patson, 2009-2013 (“Good enough processing and representation of plurals”); Evelyn Milburn, 2010-2016 (“Idiom processing and semantic representation of figurative language”); Travis Alvarez, 2013-2019 (“Exploring functional specialization within cerebello-cerebellar circuits for reading”); Michelle Colvin, 2011-2020 (“Event knowledge and verb processing in neurotypical adults and individuals with aphasia”)
  - Graduate student comprehensive and MA exam committee member (7):  
Nikole Patson, Alison Phillips, Chelsea Eddington, Evelyn Milburn, Teljer Liburd, Lindsay Harris, Caitlin Rice, Michelle Colvin
- Since 2007 Department of Communication Science and Disorders, University of Pittsburgh.
- Faculty mentor (2):  
Dawna Duff (2016-present); William S. Evans (2017-present)
  - Ph.D. mentor (6):  
Mentor: Rebecca Hayes (2013-2018), Haley Dresang (2015-present), Yina Quique (2015-present); Co-mentor: Abel Lei (2009-2017; with Connie Tompkins), Alex Swiderski (2018-present; with Will Hula)
  - M.S. mentor (3):  
Mentor: Megan Ahern (2019), Kristen Nunn (2017); Co-mentor: Angela Sperl (2008: with Will Hula)
  - Dissertation committee member (11):  
Jee Eun Sung (“Comprehension of long-distance grammatical dependencies by aphasic and non-aphasic speakers”), KY Lim (“Executive attention and the picture-word interference effect in aphasia”), Michelle Moore (“Phonological representations and non-word repetition”), Kristin Pelczarski (“Lexical and phonological representations among people who stutter”), April Gibbs Scott (“Facial emotion processing and attentional allocation”), Hyunsoo Yoo (“Speed of processing and language comprehension in aging and aphasia”), Sujini Ramachandar (“Neural bases of stuttering behavior”), Sangeun Shin (“Picture-word interference and models of lexical processing”), Min Zhang (“Listening effort and attentional resource allocation”), Abel Lei (“Hemispheric contributions to Chinese orthographic processing”), Thomas Kovacs (“Grammatical morpheme development in typically-developing children and AAC users”)
  - M.S. thesis committee member (2):  
Christina Dastolfo (“Effects of repetition on phonation threshold pressure task performance”); Emily Goldberg (“ASL versions of the CRTT: tests across populations”)
  - Graduate student comprehensive exam committee member (9):  
Michelle Moore, April Gibbs Scott, Hyunsoo Yoo, Thomas Kovacs, Sangeun Shin, Rebecca Hayes, Haley Dresang, Christina Dastolfo, Yina Quique
- 2000-2007 Department of Communication Sciences and Disorders, Northwestern University.
- Dissertation committee member (3):  
Yasmeen Farooqi-Shah (“Encoding and production of verb inflections in agrammatic aphasia”); Stephen Fix (“Agrammatic aphasia as a Late Insertion disorder”); Naomi

Hashimoto (“Semantic and phonological influences on word production in aphasia”)

2000-2006 Department of Linguistics, Northwestern University.

- Dissertation committee member (3):  
Catherine Anderson (“The structure and real-time comprehension of quantifier scope ambiguity”), Ralph Rose (“The relative contribution of semantic and syntactic prominence to the salience of discourse entities”), Carolyn Gottfurcht-Zafra (“Denominal Verb Formation in English”)
- Supervisor of master’s thesis (1):  
Elizabeth Burt (“Structure and interpretation of direct speech reports”)
- Reader for graduate student qualifying papers (4)

### Post-doctoral

2015-present VA Pittsburgh Healthcare System.

- Postdoctoral mentor (3): William S. Evans, Michelle L. Gravier, Jeffrey Johnson
- VA Career Development Award (CDA) mentor (3):  
William S. Evans, Sarah E. Forster, Michelle L. Gravier

## **Professional service**

### Departmental

*IRB scientific reviewer* (2017-present): responsible for initial review of all faculty and student human-subjects submissions, prior to University-level review

*Director of Ph.D. Education* (2017-present): coordination and supervision of Ph.D. curriculum; planning and development of Ph.D.-level coursework and programming (including: content seminars in audiology and speech-language pathology; Ph.D. professional-development seminars; weekly Research Round Table); management of all aspects of Ph.D. admissions process (including: Ph.D. student recruitment; review of Ph.D. applicants; interviewing all Ph.D. applicants; interface with SHRS Dean of Graduate Studies); documentation, review, and management of PhD program procedures and regulations (including: Ph.D. advising and plan of study documents; Ph.D. handbook); coordinating annual review of Ph.D. students

*Director of Continuing Education* (2008-2011, 2012-2016): review and supervision of all continuing-education programs for audiologists and speech-language pathologists offered by or in conjunction with the University of Pittsburgh; development of new continuing education offerings and programming; recruitment of local and national experts for implementation of new continuing education offerings

*Member, Admissions Committee* (2007-2008; 2011-2012): Reviewed graduate admissions folders; compiled new electronic database of admissions and graduate outcomes data; analyzed admissions data for statistical predictors of graduate program performance.

*Examiner, MA student oral comprehensive exams* (Examiner for 8-10 students annually, since 2008)

### University

*Member, Nominating Committee, School of Health and Rehabilitation Sciences (2011-2014: chair, 2013-2014)*

*Member and CSD representative, Graduate Faculty Orientation Task Force (2019): Helped create new guidelines, procedures, and manual for applications and evaluation for School of Health and Rehabilitation Science faculty applying for University of Pittsburgh graduate-faculty status.*

### National/International

*American Speech Language and Hearing Association Continuing Education Administrator for the University of Pittsburgh (2008-2011, 2012-2016). Oversaw provision, advertisement, and administration of continuing-education offerings for speech and hearing professionals in Western Pennsylvania.*

*Reviewer, American Speech Language and Hearing Association SPARC (Students Preparing for Academic and Research Careers) (Since 2011)*

*Guest Associate Editor, American Journal of Speech-Language Pathology (Since 2011)*

*Reviewer, Grant Review and Reviewer Training (GRRT), ASH Foundation (Since 2015)*

*Associate Editor for Language, Journal of Speech Language and Hearing Research (2016-2017)*

*Standing member, Language and Communication (LCOM) Special Emphasis Panel, National Institutes of Health (2016-2020)*

*Program Committee member (2017-2019), Program Chair (2019), Academy of Aphasia*

### *Ad-hoc reviewer*

**Journals:** *American Journal of Speech-Language Pathology, Aphasiology, Brain and Language, Cognition, Cognitive Neuropsychology, Cortex, Frontiers in Psychology, Human Brain Mapping, Journal of Communication Disorders, Journal of Experimental Psychology: Language, Memory and Cognition, Journal of Memory and Language, Journal of Neurolinguistics, Journal of Speech Language and Hearing Research, Language, Language and Cognitive Processes, Lingua, Memory and Cognition, Neurology India, Neuropsychologia, Quarterly Journal of Experimental Psychology, Syntax*

**Conferences:** CUNY Conference on Human Sentence Processing (2001-2013, 2017), Cognitive Science Society conference (2004), Neurobiology of Language Conference (since 2013), Architectures and Mechanisms of Language Processing conference (since 2011).

**Publishers:** Blackwell Publishers, CSLI

**Extramural funding organizations:** National Science Foundation, Israel Science Foundation, Netherlands Organization for Scientific Research (NWO)

### *Member of organizing committee*

*New Perspectives on Language Acquisition Conference (Amherst, MA, 1997)*

*Midwestern Regional Aphasia Conference (Northbrook, IL, 2006: head of fundraising)*

### *Program committee*

*Clinical Aphasiology Conference (Scottsdale, AZ, 2007; Isle of Palms, SC, 2010; St. Simons Island, GA, 2014; Monterey, CA, 2015)*

## **Public appearances**

- 2017, 2018 Public lectures on the science of language, Pittsburgh Theological Seminary; part of AAS-sponsored continuing-education series on the intersection of science and religion (December 6, 2017; February 3, 2018)
- 2014 Interview on speaking habits of Mike Tomlin, *Pittsburgh Post-Gazette* (“Obviously enough, Tomlin's favorite word is 'obviously'”, Jan. 11, 2014)
- 2006 Panelist on *River West Flowing*, CAN-TV, Chicago (October 2006 show on aphasia).
- 2003 Panelist on *Extension 720*, WGN Radio, Chicago (March 7, 2003 show on the origins of language).

**Languages:** Native speaker of English. Near-native reader, conversationally fluent in Spanish and Dutch.