



58th Annual Academy of Aphasia Meeting

October 18th-20th, 2020

Day One: Sunday, October 18th

9:45- 10:00: *Welcome*

10:00-11:30: Platform Session 1: Neuroplasticity and Predicting Recovery

10:00-10:30: Litovsky & Rapp [102]

"Domain-general white matter structures supporting recovery in post-stroke dysgraphia"

- I. Participants will be able to explain why domain-general vs. language-specific brain structures are important in prediction of recovery from post-stroke aphasia.
- II. Participants will be able to summarize the domain-general white matter tracts associated with treatment of post-stroke dysgraphia.

10:30 – 11:00: Fischer-Baum, Zhai & Turney [62]

"Right hemisphere reorganization of the reading system following stroke"

- I. Participants will be able to explain how the brain's reading system might reorganize following stroke.
- II. Participants will be able to explain which regions in the right hemisphere support reading recovery.

11:00 – 11:30: Barbieri & Thompson [38]

"Adaptive and maladaptive neuroplasticity in the right hemisphere: Evidence from chronic agrammatic aphasia."

- I. Participants should be able to describe the overlap between networks supporting sentence comprehension and sentence production in healthy and aphasic individuals.
- II. Participants should be able to summarize the contribution of frontal and temporal regions in the right hemisphere to recovery from sentence processing deficits in aphasia.

11:30-11:45 *BREAK*

11:45 – 1:15: Platform Session 2: Primary Progressive Aphasia

11:45 – 12:15: Dial et al. [45]

"Cortical tracking of the speech envelope in logopenic variant primary progressive aphasia"

- I. To describe the role of the speech envelope in speech perception and language comprehension.
- II. To summarize how cortical tracking of the speech envelope differs in individuals with logopenic variant primary progressive aphasia relative to age- and education-matched control participants.

12:15 – 12:45: Sostarics et al. [70]

"Adjective use by individuals with agrammatic primary progressive aphasia"

- I. Participants will be able to explain why some adjective uses appear spared, but others are impaired, in agrammatic primary progressive aphasia.
- II. Participants will be able to describe how adjectives are used in English syntax.

12:45 – 1:15: Wang et al. [71]

"Verb processing across primary progressive aphasia variants"

- I. Participants will be able to describe the distinctive impairments in verb production and comprehension in the three different variants of primary progressive aphasia.
- II. Participants will be able to explain distinctive patterns of eye growth curves elicited during verb comprehension in the three different variants of primary progressive aphasia.

1:15 – 1:30 *BREAK*

1:30 – 3:00: *Poster Session 1*

3:00 – 4:00: Invited Keynote: Elissa Newport [45 minutes + 15 min Q&A]

- I. Participants will be able to describe the characteristics of perinatal stroke and other types of early brain injuries.
- II. Participants will be able to describe the long term outcomes of perinatal stroke for language and its neural underpinnings

4:00 – 4:15 *BREAK*

4:15 – 5:45: *Poster Session 2*

Day Two: Monday, October 19th

9:00 – 10:30: *Poster Session 3*

10:30 – 11:30: NIH Keynote: Marom Bikson [45 minutes + 15 min Q&A]

- I. Participants will be able to explain the basics of tDCS technology.
- II. Participants will be able to summarize how tDCS can be customized to patients with brain injury and how tDCS boosts the capacity for brain plasticity.

11:30 – 11:45 *BREAK*

11:45 – 1:45: *Symposium: Noninvasive brain stimulation for aphasia rehabilitation: Putting theory into practice*

11:45 – 12:15: Hamilton

“Transcranial Magnetic Stimulation in the Treatment of Aphasia: Methods, Mechanisms, and Models of Recovery”

- I. Participants will be able to describe the putative neural mechanisms of transcranial magnetic stimulation (TMS) and transcranial direct current stimulation (tDCS), and understand how these mechanisms inform ongoing research employing these technologies to treat aphasia.
- II. Participants will understand how recent advances in neuroscience, including increasing understanding of mechanisms of neuroplasticity and of network properties in the brain, are contributing to and guiding the next generation of neuromodulation research in aphasia.

12:15 – 12:45: Marangolo

“Transcranial Direct Current Stimulation (tDCS) in the Treatment of Aphasia: Methods, Mechanisms, and Treatment Protocols”

- I. Participants will be able to understand the usefulness of tDCS for aphasia treatment.
- II. Participants will be able to compare the different treatment protocols combined with tDCS for aphasia recovery.

12:45 – 1:15: Harvey

“Harnessing State-dependency of Noninvasive Brain Stimulation Techniques to Enhance Therapeutic Outcomes”

- I. Participants will be able to define state dependency in the context of noninvasive brain stimulation.
- II. Participants will be able to explain how the principle of state dependency could inform optimal application of noninvasive brain stimulation techniques to facilitate aphasia recovery.

1:15 – 1:45: Vogel-Eyny, Galleta & Richardson

“Combining evidence-based treatments in aphasia with neuromodulation”

- I. Participants will be able to describe some of the limitations of combining behavioral treatment options with tDCS for aphasia rehabilitation.
- II. Participants will be able to summarize some of the behavioral treatment options for aphasia rehabilitation that are most promising.

1:45 – 2:00 *BREAK*

2:00-4:00: *Platform 3: Treatment and Assessment*

2:00 – 2:30: Zakariás, Rózsa & Lukács [27]

“On the road to develop a cross-linguistic assessment tool of post-stroke aphasia: the Hungarian adaptation and standardization of the Comprehensive Aphasia Test”

- I. Participants will be introduced to some of the key psychometric properties of standardized aphasia tests.
- II. Participants will get a glimpse of the ongoing work of an interdisciplinary network of aphasia researchers, the Collaboration of Aphasia Trialists (CATs).

2:30 – 3:00: Fromm et al. [42]

“A Comparison of Manual versus Automated Analysis of Cinderella Stories using the Quantitative Production Analysis”

- I. Participants will be able to explain the advantages of using automated versus manual analysis techniques to study discourse.
- II. Participants will be able to summarize the results of a new CLAN command developed to automatically compute Quantitative Production Analysis (QPA) outcome measures and compare those with the results of manual QPA scoring.

3:00 – 3:30: Simic, Leonard & Rochon [54]

“Mechanisms underlying generalization after a phonological treatment for anomia”

- I. Participants will be able to summarize the current best evidence on the efficacy of the Phonological Components Analysis (PCA) treatment for anomia, as well as the PCA treatment protocol and treatment schedule.
- II. Participants will be able to summarize how computational modelling of speech errors in naming might be used to measure treatment outcomes.

3:30 – 4:00: Evans et al. [68]

"BEARS: Balancing Effort, Accuracy, and Response Speed in semantic feature verification anomia treatment."

- I. Participants will be able to describe the BEARS treatment framework.
- II. Participants will be able to summarize the benefits of evaluating changes in processing speed and naming accuracy after treatment.

4:00 – 5:00: *Membership meeting*

Day Three: Tuesday, October 20th

9:00 – 10:30: *Platform 4: Morphology & Semantics*

9:00 – 9:30: Hepner & Nozari [18]

"A model of noun pluralization: Evidence from four types of pluralization deficit in aphasia"

- I. Participants will be able to describe four distinct underlying deficits that contribute to patterns of noun pluralization errors in aphasia.
- II. Participants will be able to explain how these deficits arise from impairment to specific cognitive mechanisms involved in noun pluralization.

9:30 – 10:00: Stockbridge et al. [7]

"A double dissociation between plural and possessive "s": Evidence from the Morphosyntactic Generation test."

- I. Participants will be able to describe the basic procedure used in the Morphosyntactic Generation test (MorGen) to elicit bound morphemes, nouns, and modifiers.
- II. Participants will be able to summarize the evidence of a dissociation between plural and possessive production among those with post-stroke aphasia.

10:00 – 10:30: Dresang et al. [50]

"Strong conceptual ability reduces the effect of lexical impairments on verb retrieval in aphasia"

- I. Participants will be able to describe two factors that contribute to verb-retrieval impairments in aphasia.
- II. Participants will be able to explain one way in which these two factors might interact to predict verb retrieval ability.

10:30 – 10:45 *BREAK*

10:45 – 12:15: *Platform 5: Orthographic processing*

10:45 – 11:15: Bonandrini et al. [61]

"The right hemisphere is not word-blind: behavioral and disconnectome evidence of right hemisphere reading in a patient with Pure Alexia."

- I. Participants will be able to describe what pure alexia is, as well as the implicit reading phenomenon.
- II. Participants will be able to define the left- and right-hemisphere explanations of the implicit reading phenomenon in pure alexia and how to assess their validity.

11:15 – 11:45: Dickens et al. [65]

"The Brain Basis of Phonological Reading Impairment in Chronic Aphasia"

- I. Participants will be able to define the symptoms of phonological alexia.
- II. Participants will be able to describe the potential importance of ventral precentral gyrus in the etiology of phonological dyslexia cases.

11:45 – 12:15: Posner et al. [94]

"Orthographic Effects on Rhyme Judgment in Persons with Aphasia"

- I. Participants will be able to describe the Orthography Effect, and explain its implications for study design.
- II. Participants will be able to summarize preliminary results regarding the expression of the Orthography Effect in persons with aphasia.

12:15 – 1:45: *Poster session 4*

1:45 – 2:00 *BREAK*

2:00 – 3:30: *Platform 6: Neural Substrates*

2:00 – 2:30: Graessner et al. [16]

"Fronto-temporal contributions to basic semantic composition – evidence from lesion behavior mapping"

- I. Participants will be able to describe the key brain regions involved in semantic composition.
- II. Participants will be able to discuss the dissociation between accuracy and reaction times of patients in our paradigm and the involved brain regions.

2:30 – 3:00: Martin et al. [53]

"Working memory capacities neurally dissociate: Evidence from acute stroke"

- I. Participants will be able to describe the brain lesions underlying semantic and phonological working memory impairments of acute stroke patients without the influence of reorganization or strategies.
- II. Participants will be able to explain semantic and phonological working memory impairments of stroke patients were attributed to different brain damage regions.

3:00 – 3:30: Tao, Tsapkini & Rapp [80]

“The consequences of stroke and degenerative disease on functional networks: A comparison of post-stroke and primary progressive aphasia”

- I. Participants will be able to summarize the different pathological processes of post-stroke aphasia and primary progressive aphasia.
- II. Participants will be able to describe how functional connectivity can help us understand the of neuroplasticity mechanisms of the two aphasia types, and how that can help rehabilitation.

3:30 – 3:45 *BREAK*

3:45 – 4:45: *NIH Mentoring Professional Issues Session* 4:45 – 5:00:

Meeting Close

Poster Session 1: Sunday, October 18th, 1:30-3:00 (22 posters)

Assessment

1. Danielle Laval and Nadine Martin
"Development of a Test of Word Production Span for Aphasia"
 - I. Participants will be able to explain how this novel naming span task can be useful in understanding measures of VSTM in word production.
 - II. Participants will be able to describe how naming performance is impacted by increased memory load within the task as well as the modality of the span task.
2. Katharina Hogrefe, Georg Goldenberg and Wolfram Ziegler
"Nonverbal Assessment of Semantic Processing Capacities in Persons with Aphasia after Stroke: Application of the Nonverbal Semantics Test (NVST)"
 - I. Participants will be able to describe a new tool for the nonverbal assessment of semantic processing capacities.
 - II. Participants will be able to describe why this tool should be administered alongside standard aphasia assessment to enable a tailored therapy planning.
3. Candace van der Stelt, Mackenzie Fama, Sarah Snider and Peter Turkeltaub
"Rethinking Awareness Measurement in Aphasia: Intellectual Awareness of Naming Abilities"
 - I. Participants will be able to distinguish intellectual awareness versus emergent awareness metrics used in aphasia.
 - II. Participants will be able to describe the reliability and accuracy of people with aphasia self-reporting their naming abilities.

Narrative production and spontaneous speech

4. Jean Gordon
"Factor Analysis of Spontaneous Speech in Aphasia"
 - I. Participants will be able to describe the dimensions underlying variability in spontaneous speech production in aphasia.
 - II. Participants will be able to explain some of the advantages and disadvantages of factor analysis for explaining variability in aphasic language production.
5. Gloria Olness, Jacqueline Stark and Mahaley Millican
"Toward a Discourse-Based Model of Emotional Expression in Aphasia: A Case Study of Personal Narration in Conversation"
 - I. Participants will be able to summarize the categories of linguistic phenomena that may be associated with extremes of speaker-normalized pitch height in running discourse, as suggested by the data.
 - II. Participants will be able to explain how extremes of speaker-normalized pitch height and linguistic evaluative devices may function as synchronized resources to add selective prominence to information in running discourse in narrators who have aphasia.
6. Marion Leaman and Lisa Edmonds
"Bridging Impairment and Function: Establishing Reliable Measures of Language in Unstructured Conversation in People with Aphasia"
 - I. Participants will be able to summarize the extent of test-retest stability of linguistic measures in conversation.
 - II. Participants will be able to explain the implication of reliable and stable measures for use in evaluation of conversational language abilities in people with aphasia.
7. Jessica Obermeyer, Daniel Furnas and Lisa Edmonds
"Macro level modality differences in the written and spoken story retelling of healthy adults"
 - I. Participants will be able to define one method of evaluating macrolinguistic discourse processes.
 - II. Participants will be able to explain one difference between written and spoken discourse production in healthy older adults.
8. Hyejin Park and Jessica Obermeyer
"The Task Effects on Light and Heavy Verb Production in Discourse in People with Anomic Aphasia"
 - I. Participants will be able to summarize different characteristics of discourse elicitation tasks that may affect cognitive/linguistic processes during language production.
 - II. Participants will be able to describe the discourse elicitation task that resulted in the lowest proportion of light verb production and the task that resulted in the highest proportion of light verb production.

Right Hemisphere language capacity

9. Natacha Cordonier, Marion Fossard and Maud Champagne-Lavau
"Irony understanding in right acquired brain-damaged individuals: a new way to explore the role of contextual processing, theory of mind, and executive functions"
 - I. Participants will be able to describe different profiles of ironic comprehension disorders in individuals with

- acquired brain injuries.
 - II. Participants will be able to explain the links between pragmatic profiles and neuropsychological disorders (executive functions, theory of mind, and context processing) in individuals with acquired brain injuries.
10. Alexandra Zezinka Durfee, Shannon M. Sheppard, Erjia Cui, Ciprian Crainiceanu and Argye E. Hillis
 “Emotional Prosody Recognition in Acute Right Hemisphere Stroke: Preliminary Investigation of Explicit Training Effectiveness”
- I. Participants will be able to define different processing loci of emotional prosody recognition.
 - II. Participants will be able to summarize how explicit loci training impacts emotional prosody recognition.

Perceptual and motor aspects of speech

11. Alexis Pracar, Nina Dronkers and Maria Ivanova
 “A case of pure apraxia of speech after left hemisphere stroke: behavioral findings and neural correlates”
- I. Participants will be able to describe what Broca's aphasia is, including production and comprehension difficulties as well as lesion site.
 - II. Participants will be able to explain different approaches to treatment after a diagnosis of Broca's Aphasia.
12. Venu Balasubramanian, Julia Terrezza, Alanis Stamey, Michelle Brower and Breanne Sullivan
 “Paraphasia in two forms of conduction aphasia”
- I. Participants will be able to identify differences in the patterns of paraphasia in two types of conduction aphasia.
 - II. Participants will be able to understand the applicability of the dual stream model in interpreting paraphasia in the cases of conduction aphasia.
13. Jill Kries, Tom Francart and Maaïke Vandermosten
 “Assessing auditory and phonemic processing in persons with aphasia”
- I. Participants will be able to describe tests to assess auditory and phonemic processing in persons with aphasia.
 - II. Participants will be able to explain that persons with aphasia can also have processing problems at the earlier steps of the speech processing chain and not only in semantic and syntactic stages.

Applying the science of learning to aphasia treatment

14. Amanda Wadams and Jennifer Mozeiko
 “Metacognitive Treatment in Acquired Brain Injury and its Applicability to PWA: A Systematic Review”
- I. Participants will be able to describe the use of metacognitive treatment approach in acquired brain injury.
 - II. Participants will be able to identify how these treatments apply to the rehabilitation of PWA.
15. Kristen Nunn, Robert Creighton, Victoria Tilton-Bolowsky, Yael Arbel and Sofia Vallila-Rohter
 “Age matters: Understanding feedback processing in older adults and implications for aphasia treatment”
- I. Participants will be able to summarize differences in electrophysiological response to feedback in younger and older adults in the present study.
 - II. Participants will be able to explain potential implications of age-related changes in feedback processing for aphasia treatment.
16. Erica Middleton, Julia Schuchard and Katherine Rawson
 “Effects of distributed practice and criterion level on word retrieval in aphasia”
- I. Participants will be able to define distributed practice learning principles as pertains to the scheduling of practice trials and sessions.
 - II. Participants will be able to discuss how distributed practice learning principles impact naming treatment efficacy in aphasia.
17. Yina Quique Buitrago, William Evans, Lauryn Zipse and Michael Dickey
 “Get in sync: rhythm in speech entrainment as a mechanism for scripted-sentence learning in aphasia”
- I. Participants will be able to identify the role of rhythm in speech entrainment.
 - II. Participants will be able to describe an adaptation of script training for Spanish speakers with aphasia.

Working memory

18. Dimitra Arfani, Kyrana Tsapkini and Spyridoula Varlokosta
 “Syntax or working memory impairment in mild Alzheimer's Disease?”
- I. Participants will be able to describe comprehension abilities in Alzheimer's Disease.
 - II. Participants will be able to explain the relationship between length and complexity and the underlying impairments in Alzheimer's Disease.
19. Sonia Vieira, Wendy Greenspan, Laura Reinert, Diane Kendall and Nadine Martin
 “Revealing linguistic and verbal short-term/working memory competencies in people with severe aphasia”
- I. Participants will be able to explain the importance of assessing not only language but also verbal short-term memory and working memory in people with severe aphasia (PWSA).
 - II. Participants will be able to describe how a new test battery called the Temple Assessment of Language and Short-term Memory in Aphasia (TALSA) provides a more detailed account of individual strengths and weaknesses in

20. Mohammad Haghighi and Brooke Hallowell
"The Role of Sustained Attention Control in Short-Term Memory Recall in Post-Stroke Aphasia"
 - I. Participants will be able to describe the role of sustained attention control in short-term memory recall.
 - II. Participants will be able to discuss how basic attentional challenges in people with aphasia may be associated with chance performance in short-term memory tasks.
21. Rachel Zahn, Heather Dial, Tatiana Schnur and Randi Martin
"Semantic Working Memory Supports a Phrasal Scope of Planning in Language Production: Evidence from Acute Stroke"
 - I. Participants will be able to describe the differences between phonological and semantic WM.
 - II. Participants will be able to summarize the different roles that different types of WM play in supporting language production
22. Matthew Sayers, Danielle Laval, Jamie Reilly and Nadine Martin
"Integrity of input verbal short-term memory ability predicts naming accuracy and error types."
 - I. Participants will explain the evidence supporting the connection between input verbal short-term memory and naming abilities.
 - II. Participants will describe the three latent factors among the probe spans which accounted for variance in the sample.

Poster Session 2: Sunday, October 18th, 4:00 - 5:30

Bilingual Aphasia

1. Henrike Blumenfeld, Jonathan Robinson Anthony, Beth Neely, Carmen Nguyen, Audrey Kim and Stephanie Ries
"Crosslinguistic Cognate Word Facilitation in Bilinguals with Aphasia: A Systematic Literature Review"
 - I. Participants will be able to describe cognate effects.
 - II. Participants will be able to summarize how, according to currently-available data, cognate effects change across the lifespan and with aphasia in bilinguals.
2. Stephanie Ries, Linda Nadalet, Valeria Garcia, Jonathan Robinson Anthony, Tracy Love and Henrike Blumenfeld
"Cross-linguistic Interaction During Word Retrieval in Bilingual Aphasia: A Case Study"
 - I. Participants will be able to define cross-linguistic interference during word retrieval in Spanish-English bilinguals with or without aphasia.
 - II. Participants will be able to describe behavioral, electrophysiological, and eye-tracking results associated with word retrieval in picture naming in the face of cross-linguistic interference in Spanish-English bilinguals with or without aphasia.
3. Solène Hameau, Urszula Dmowski and Lyndsey Nickels
"Pathological language switching in bilingual aphasia: The influence of language context on language errors in picture naming."
 - I. Participants will be able to explain how language context (monolingual vs bilingual) may affect spoken word production in bilingual aphasia.
 - II. Participants will be able to explain how a switching paradigm may influence the selection of the correct target language in bilingual aphasia.
4. Mellissa Bortz and Mira Goral
"Language Mixing in Bantu Speaking Healthy People and People with Aphasia"
 - I. Participants will be able to describe language mixing patterns in Bantu speaking health people and people with Aphasia.
 - II. Participants will be able to summarize that the mixing of English was associated with the topic being discussed and not the early age of acquisition or language proficiency.

Lexical-Semantics

5. Niloofar Akhavan, Carolyn Baker, Noelle Abbott, Michelle Gravier, Natalie Sullivan, Lewis Shapiro and Tracy Love
"The role of semantic cues on the speed of lexical activation during sentence processing in agrammatic aphasia"
 - I. Participants will be able to describe the difficulties that certain individuals with chronic agrammatic aphasia may have during online sentence processing and how these difficulties can be mitigated via semantic manipulation.
 - II. Participants will be able to explain different approaches to utilize eye-tracking-while-listening paradigm to study lexical access during online sentence comprehension.
6. Elizabeth Anderson and Stephanie Ries
"Electroencephalographic signatures of word retrieval in patients with left anterior versus posterior stroke- induced lesions"
 - I. Participants will be able to identify two stages of speech production and describe the brain regions associated with each of the stages.
 - II. Participants will be able to explain the different impacts of posterior versus anterior lesions on word retrieval.
7. Bruna Tessaro, Solène Hameau and Lyndsey Nickels
"Semantic impairment in aphasia: An investigation of the relationship between different tasks tapping semantic processing"
 - I. Participants will be able to describe why the Pyramids and Palm Trees Test might not be adequate for determining semantic impairment in the semantic control literature.

- II. Participants will be able to explain the relationship between associative errors and performance on the Pyramids and Palm Trees Test.
8. Bencie Woll, Joanna Atkinson and Jane Marshall
- "Dissociations between gesture, sign and fingerspelling following CVA"
- I. Participants will be able to describe patterns of impairment in sign language, fingerspelling and gesture in signers of British Sign Language affected by CVA.
 - II. Participants will be able to summarize the interactions between different modes of communication in signers of British Sign Language affected by CVA

Neurostimulation

9. E. Susan Duncan and Surani Nakkawita
- "Transcranial direct current stimulation with standard outpatient aphasia therapy: Receptiveness and efficacy"
- I. Participants will be able to discuss issues that may distance tDCS from standard clinical aphasia treatment.
 - II. Participants will be able to describe the results of a small aphasia treatment study exploring tDCS receptiveness and efficacy.
10. Nicole Nissim, Paul Moberg and Roy Hamilton
- "Efficacy of noninvasive brain stimulation techniques in the treatment of primary progressive aphasia: a meta-analysis of tDCS and TMS as supplemental tools paired with behavioral language therapy"
- I. Participants will be able to describe the efficacy of tDCS and TMS paired with language therapy in the treatment of PPA.
 - II. Participants will be able to summarize moderators of treatment effects in studies that have paired either tDCS or TMS with language therapy.
11. Rajani Sebastian, Rachel Brenowitz, Ji Hyun Kim, Erin Meier, Shannon Sheppard and Argye Hillis
- "Baseline functional connectivity predicts cerebellar tDCS treatment response"
- I. Participants will learn how cerebellar tDCS can potentially augment aphasia treatment.
 - II. Participants will understand how baseline functional connectivity predicts cerebellar tDCS treatment response.
12. Olivia Herrmann, Bronte Ficek, Kimberly Webster, Adam Spira, Constantine Frangakis and Kyrana Tsapkini
- "Sleep efficiency as a predictor of tDCS intervention outcomes"
- I. Participants will be able to explain how sleep efficiency scores relate to therapy outcomes (language therapy with and without transcranial direct current stimulation [tDCS]) in participants with primary progressive aphasia (PPA).
 - II. Participants will summarize the significance of addressing sleep disturbances in patients receiving neurorehabilitation, specifically language interventions.
13. Christopher Haslam, Leah Friedman, Denise Harvey, Samuel Cason, H. Branch Coslett, Murray Grossman and Roy Hamilton
- "HD-tDCS Paired with Speech Therapy Improves Naming Ability in Primary Progressive Aphasia"
- I. Participants will be able to define Primary Progressive Aphasia and describe its three variants.
 - II. Participants will be able to summarize what High definition transcranial direct current stimulation is.
14. Leslie H. Vnenchak, Samuel A. Cason, Denise Y. Harvey, Lynn M. Maher, Roy H. Hamilton and H. Branch Coslett
- "TMS and Modified Constraint Induced Language Therapy: A Comparative Case Study of Non-fluent and Fluent Post-stroke Aphasia"
- I. Participants will be able to describe potential benefits of pairing non invasive brain stimulation with behavioral therapy in treatment of Aphasia.
 - II. Participants will be able to explain how severity and type of aphasia may differentially impact performance on outcome measures and treatment gains.
15. Charalambos Themistocleous, Bronte Ficek, Kim Webster and Kyrana Tsapkini
- "Effects of tDCS on apraxia of speech in non-fluent variant of Primary Progressive Aphasia"
- I. Participants will be able to explain how tDCS facilitates speech processing by improving speech (segmental) duration, which is a major characteristic of AOS in PPA.
 - II. Participants will be able to explain how these results have clinical implications.

Written Language

16. William Graves, Ryan Staples and Elizabeth Brookshire Madden
- "Simulating phonological alexia and its phonology-focused treatment"
- I. Participants will be able to describe a main characteristic of phonological alexia as being a disproportionate impairment in reading nonwords as compared to words.
 - II. Participants will be able to explain how a computational simulation of treatment can lead to a mechanistic account of improved performance.
17. Elisabeth Beyersmann, Anne Turney and Simon Fischer-Baum
- "Morphological segmentation of nonwords in patients with acquired dyslexia"
- I. Participants will be able to explain differences between complex word and complex nonword reading deficits in patients with acquired dyslexia.

- II. Participants will be able to explain the advantages of investigating complex nonwords to examine reading deficits in patients with acquired dyslexia.
18. Andrew DeMarco, Elizabeth Lacey and Peter Turkeltaub
 “Dysfunction in frontal and occipital lobes associated with acquired dysgraphia in chronic left-hemisphere stroke”
- I. Participants will be able to summarize cortical brain regions and subcortical pathways where dysfunction is associated with with acquired dysgraphia in chronic left-hemisphere stroke.
 - II. Participants will be able to explain the functional anomaly mapping method for lesion-symptom mapping.
19. Kyriaki Neophytou, Charalambos Themistocleous, Brenda Rapp and Kyrana Tsapkini
 “A tool for automatic scoring of spelling”
- I. Participants will be able to explain the importance of automatizing the spelling scoring process.
 - II. Participants will be able to describe how manual and automated scoring of spelling tasks can be conducted.

Poster Session 3: Monday, October 19th, 9:00 - 10:30

Aphasia in the context of daily life

1. Hariklia Proios, Kalliopi Tsakpounidou, Theodoros Karapanayiotides, Konstantinos Priftis and Carlo Semenza
 “Numerical abilities of individuals with aphasia and healthy controls in verbal and non-verbal activities of daily living”
 - I. Participants will be able to describe how numerical problems and aphasia interact.
 - II. Participants will be able to explain how issues with numbers can impact a person with aphasia’s activities of daily living.
2. Kristie Pui-Yan Chan, Anthony Pak-Hin Kong and Caroline Jagoe
 “A systematic review of communication partner training in Chinese-speaking persons with aphasia: Preliminary findings”
 - I. Participants will be able to describe the use of communication partner training (CPT) in treating people with aphasia.
 - II. Participants will be able to summarize benefits of applying CPT to Chinese speakers with aphasia
3. Anthony Pak-Hin Kong, Dustin Kai-Yan Lau, Vivian Nga-Ying Chai, Kristie Pui-Yan Chan and Katie Hei-Ting Sum
 “Understanding the impact of the COVID-19 pandemic on the psychosocial well-being among people with aphasia”
 - I. Participants will be able to describe how social distancing measures implemented to control the spread of COVID-19 may impact people with aphasia (PWA)’s mental health or psychosocial well-being.
 - II. Participants will be able to describe potential practical measures to mitigate the negative effects of social distancing and to enhance PWA’s quality of life
4. Dirk Den Ouden and Peter Duffy
 “Drama by speakers with aphasia: Awareness and life satisfaction”
 - I. Participants will be able to describe the potential impact of being engaged in a drama project on life satisfaction in speakers with aphasia.
 - II. Participants will be able to describe ideas for and approaches to the organization of a drama production with aphasic actors.
5. Colleen Ward and Jennifer Mack
 “Do aphasia ID cards impact how neurotypical adults listen to unfamiliar speakers with aphasia?”
 - I. Participants will be able to describe how aphasia ID cards affect how neurotypical listeners process words produced by PWA.
 - II. Participants will be able to describe how GAMMs can be used to quantify complex non-linear patterns in eye-tracking (time-course) data.
6. Dennis DeSalme, Tania Giovannetti and Nadine Martin
 “Verbal Short-Term Memory and Everyday Function”
 - I. Participants will be able to describe how scoring for content retention in verbal repetition tasks may be more closely related to non-verbal everyday function than scoring for serial order.
 - II. Participants will be able to describe how semantic network activation may be related to non-verbal everyday task completion.

Neural bases of language impairments and recovery

7. Klara Schevenels, Cathy J. Price, Inge Zink, Bert De Smedt and Maaïke Vandermosten
 “A review on treatment-related brain changes in aphasia”
 - I. Participants will be able to describe the neural effect of aphasia treatment in terms of location and specificity.
 - II. Participants will be able to explain what is needed to integrate results across studies and gain more knowledge on brain plasticity after stroke.
8. Soochul Park, Taewon Kim and Minsoo Sung
 “Functional image studies in a patient with angular gyrus syndrome presented as non-convulsive status epilepticus”

- I. Participants will be able to explain the extent of the relevant anatomic lesions due to angular gyrus SD through functional image study.
 - II. Participants will be able to describe what angular gyrus syndrome is.
9. Nina Pillai, Yasmeen Farooqi-Shah and Jeremy Purcell
 “Verb Deficits in Aphasia: A Voxel-Based Lesion-Symptom Mapping Study”
- I. Participants will be able to explain how brain imaging data can be used with word naming performance data to investigate the relationship between lesion locations and language impairments.
 - II. Participants will be able to summarize the regions of the brain associated with producing verb and noun deficits in individuals with aphasia.
10. Ran Li, Tyler Perrachione, Jason Tourville and Swathi Kiran
 “Predicting Semantic Typicality from Brain Activation Patterns in Healthy Adults and Individuals with Aphasia: a Multi-Voxel Pattern Analysis Study”
- I. Participants will be able to summarize the neural correlates of semantic typicality in healthy adults.
 - II. Participants will be able to explain how semantic typicality is encoded in individuals with aphasia.
11. Erin Meier, Shannon Sheppard, Emily Goldberg, Catherine Head, Annabel Woo, Delaney Ubellacker, Alexandra Walker and Argye Hillis
 “Associations between naming errors, dysfunctional tissue and longitudinal language recovery after left hemisphere stroke”
- I. Participants will be able to describe the relationships between naming error types and overall naming and language abilities.
 - II. Participants will be able to identify the strongest lesion and naming error predictors of longitudinal language recovery after left hemisphere stroke.
12. Natalie Gilmore, Meryem Yucel and Swathi Kiran
 “Investigating language and cognitive processing in healthy and neurologically-impaired individuals using functional near-infrared spectroscopy (fNIRS)”
- I. Participants will be able to describe foundational information about the use of functional near-infrared spectroscopy to examine language and cognition in healthy and neurotypical individuals.
 - II. Participants will be able to summarize similarities and differences in neural activation patterns between (e.g., young healthy controls vs older healthy controls; young healthy controls vs young individuals with acquired brain injury; older healthy controls vs older individuals with stroke) and within participant groups (i.e., young adults with acquired brain injury before and after cognitive rehabilitation).

Treatments and recovery

13. Wei Ping Sze, Carol Sacchetti, Jane Warren and Wendy Best
 “Exploring the Use of Orthographic Cues in Spoken Word-Finding Therapy”
- I. Participants will be able to describe what type(s) of cues appear to work best to facilitate spoken word-finding therapy for clients with aphasia.
 - II. Participants will be able to provide reasons and explain why orthographic cues seem to deliver the strongest benefits.
14. Tammar Truzman, Michal Biran and Tali Bitan
 “Morpho-Phonologically-Based Treatment for Hebrew Speaking Individuals with Aphasia: An Intervention Study”
- I. Participants will be able to describe the main characteristics of a morphology-based naming treatment in a Semitic language.
 - II. Participants will be able to explain the importance of using the unique characteristics of the target language in aphasia naming treatment, to enhance treatment effects.
15. Gopee Krishnan and Rajath Shenoy
 “Quality of mobile-based aphasia intervention app: A pilot investigation”
- I. Participants will be able to describe the Quality of mobile-based aphasia intervention app.
 - II. Participants will be able to summarize the quality rating by Speech Language therapist and Persons with aphasia
16. Rajath Shenoy and Gopee Krishnan
 “Preliminary observations on cueing hierarchy in mobile-based aphasia training program”
- I. Participants will be able to summarize our observation on cue preferences and observation in people who underwent smart-phone based therapy.
 - II. Participants will be able to describe the the cue distributions across our study participants across various sessions.
17. Ryan Husak, Sarah Wallace and Robert Marshall
 “A Systematic Review of the Effects of Early Aphasia Treatment”
- I. Participants will be able to summarize the findings of high-quality studies that have examined the treatment effects of early aphasia therapy.
 - II. Participants will be able to describe intervention variables that have been investigated in the treatment research literature on early aphasia therapy and discuss the comparative efficacy of different types and intensities of treatment.
18. Susan DeMetropolis and Ashley Nordone

- “Semantic versus orthographic cues according to aphasia types: Link from behavioral to objective via eye-tracking”
- I. Participants will be able to explain the importance of the link between objective measurements and behavioral observations.
 - II. Participants will be able to summarize findings of various word-finding cues according to aphasia type.
19. Megan Schliep, Victoria Tilton-Bolowsky and Sofia Vallila-Rohter
“Cue Responsiveness as a Measure of Emerging Language Ability in Aphasia”
- I. Participants will be able to describe how the concept of stimulability may be systematically assessed in aphasia evaluation.
 - II. Participants will be able to describe how clinically-accessible metrics may enhance recovery predictions in aphasia rehabilitation.
20. Robert Cavanaugh, Lauren Terhorst, Alexander Swiderski, William D Hula and William S Evans “Systematic Appraisal of Individual Effect Size Estimates in Aphasia Single-Case Designs via Simulation”
- I. Participants will be able to describe the strengths and weaknesses of individual effect size measures used in the aphasia single-case design literature.
 - II. Participants will be able to summarize the relationships between the individual effect size measures used in the aphasia single-case design literature.
21. Durjoy Lahiri, Alfredo Ardila, Souvik Dubey and Biman Kanti Ray
“Bilingual experience favors recovery in post-stroke aphasia: Preliminary observations”
- I. Participants will be able to describe the effect of bilingualism on post-stroke aphasia recovery.
 - II. Participants will be able to summarize the bilingual influence on various factors related to post-stroke aphasia, for instance severity of aphasia.

Poster Session 4: Tuesday, October 20th, 12:30 – 2:00

Language and cognitive control

1. Scott Schroeder, Susan DeMetropolis and Brigid Maelia
“Are language and cognition strongly linked in people with aphasia?”
 - I. Participants will be able to describe the language-cognition relationship between word processing and visual object identification in neurotypicals.
 - II. Participants will be able to describe how aphasia influences language-cognition relationships.
2. Seongsil Lee, Zofia Cieslak and Yasmeen Farooqi-Shah
“Effects of processing speed, cognitive control, and word retrieval speed on the sentence production in aphasia”
 - I. Participants will be able to explain the effects of domain-general processing speed and cognitive control on sentence production in people with aphasia.
 - II. Participants will be able to describe different measures of grammatical sentence production, domain-general processing speed and cognitive control, and language-specific processing speed.
3. Katy Borodkin and Layan Saleh
“Integrity of the executive functioning and cross-linguistic transfer of language therapy effects in bilingual aphasia”
 - I. Participants will be able to define the unique communication needs of bilingual speakers of aphasia and the term cross-linguistic transfer of therapy effects.
 - II. Participants will be able to explain the the role of executive functioning and language impairment in therapy outcomes in bilingual speakers with aphasia.
4. Joshua McCall, Candace van der Stelt, Andrew DeMarco, J. Vivian Dickens, Elizabeth Dvorak, Elizabeth Lacey, Sarah Snider and Peter Turkeltaub
“Task Switching Interferes with Phonological Control and Bolsters Semantic Control in People with Left Hemisphere Stroke and Matched Controls”
 - I. Participants will be able to summarize the relationship between phonological control, semantic control, and task switching in individuals with left hemisphere stroke and matched controls.
 - II. Participants will be able to describe how stroke to the left hemisphere affects phonological control, semantic control, and task switching.
5. Linda Hoffman, Rachel Mis, Tania Giovannetti and Ingrid Olson
“The contribution of concussion status, semantic processing speed, and educational attainment on scholastic achievement in collegiate athletes”
 - I. Participants will learn about how the corpus callosum is anatomically segmented, and how the field of cognitive neuroscience is seeking to disentangle the dissociable contributions of this white matter tract to distinct aspects of interhemispheric cognition.
 - II. Participants will learn why certain white matter tracts are particularly susceptible to damage following concussive injury, how this carries consequences for semantic processing speed, and moreover, academic achievement.

Primary progressive aphasia

6. Eleni Peristeri, Stephanie Durrleman and Kyrana Tsapkini

- "The influence of language and executive functions on theory of mind in non-fluent variant Primary Progressive Aphasia"
- I. Participants will be able to describe Theory of Mind deficits in individuals with non-fluent variant Primary Progressive Aphasia.
 - II. Participants will be able to define the relationship(s) between Theory of Mind, syntactic comprehension and executive function deficits in individuals with non-fluent variant Primary Progressive Aphasia.
7. Spyridoula Varlokosta and Eleni Peristeri
 "Subject-object asymmetries in the comprehension of relative clauses in non-fluent variant Primary Progressive Aphasia"
- I. To examine the comprehension of subject relative clauses and object relative clauses in patients with non-fluent variant Primary Progressive Aphasia.
 - II. To focus on the role of gender and number in intervention effects, and determine whether the non-fluent variant PPA patients' performance aligns with the Relativized Minimality approach.
8. Shannon Sheppard, Jennifer Shea, Rachel Fabian, Zilong Zhao, Alexandra Zezinka Durfee, Erin Meier, Sona Patel, Shenly Glenn and Argye Hillis "
 "Prosodic Acoustic Features in Mild Cognitive Impairment and Primary Progressive Aphasia"
- I. Participants will be able to describe expressive aprosodia.
 - II. Participants will be able to summarize how aprosodia presents differently in individuals with Primary Progressive Aphasia as compared to those with Mild Cognitive Impairment and healthy age-matched controls.
9. Berstis Karinne, Stephanie Grasso, Kristin Schaffer, Willa Keegan-Rodewald, H. Isabel Hubbard and Maya Henry
 "Investigating Changes in Connected Speech in Nonfluent/agrammatic PPA Following Script Training"
- I. Participants will be able to explain how discourse metrics can be derived from connected speech samples in nonfluent variant primary progressive aphasia.
 - II. Participants will be able to describe which discourse measures may serve as promising outcome measures for capturing treatment response following script training in nonfluent variant primary progressive aphasia.
10. Lauren Grebe, Mira Goral and Jason A. Cohen
 "Demographics and Primary Progressive Aphasia: A Preliminary Retrospective Study"
- I. Participants will be able to describe the three variants of primary progressive aphasia (PPA) and related symptoms.
 - II. Participants will be able to describe potential risk factors of primary progressive aphasia (PPA), as well as the age and gender related prevalence of this syndrome.
11. Molly B Ungrady, Tania Giovannetti, Murray Grossman and Jamie Reilly
 "Longitudinal Investigation of Accuracy During Confrontation Naming of Objects and Actions in svPPA"
- I. Participants will be able to explain the naming deficits experienced by patients with svPPA.
 - II. Participants will be able to explain the difference in rates of decline between naming objects and actions in patients with svPPA.

Sentences and syntax

12. Yasmeen Faruqi-Shah
 "Diagnostic criteria for agrammatism: a critical analysis and empirical validation"
- I. Participants will be able to identify the reliability of automated language measures in differentiating agrammatic from non-agrammatic aphasia.
 - II. Participants will be able to compare the diagnostic accuracy of perceptual ratings and automated language measures.
13. Mariacristina Musso, Ruth Dittges and Cornelius Weiller
 "Testing grammar for diagnosis of aphasia"
- I. Participants will be able to describe that syntactic ability also depends on age and education.
 - II. Participants will be able to explain that syntax deficits are not always limited to few agrammatic patients, rather they define aphasia.
14. Io Salmons and Anna Gavarró
 "The comprehension of focalisation in Catalan agrammatism: the role of morphosyntactic features"
- I. Participants will be able to deepen their knowledge on the comprehension deficit in Broca's aphasia with new results on the interpretation of syntactic structures that remain mostly unexplored.
 - II. Participants will be able to explain the relevance of morphosyntactic features in the comprehension of noncanonical sentences in Broca's aphasia.
15. Valantis Fyndanis, Rita Capasso, Helene Killmer, Sonia Malefaki, Gabriele Miceli and Kleanthes K. Grohmann
 "Sentential negation in German and Italian agrammatic aphasia"
- I. Participants will be able to briefly describe Bastiaanse, Rispens, Ruigendijk, Juncos Rabadán, and Thompson's (2002) predictions about the ability of persons with agrammatic aphasia to construct negative sentences.
 - II. Participants will be able to briefly describe the syntax of sentential negation in German and Italian, summarize the results of the present study, and briefly discuss the results in light of syntactic theory and Bastiaanse et al.'s (2002) predictions/hypothesis.
16. Austin Keen, Grace Man and Jiyeon Lee

- "Visual attention influences word order choice in aging and aphasia: evidence from eyetracking"
- I. explain how visual attention affects scene apprehension and the following word order of sentences.
 - II. describe how visual attention works in tandem with language planning during speech production.
17. Virginia Jaichenco, Maria Elina Sánchez, Sam Alxatib, Gary Libben and Mira Goral
 "Negation Production in People with Aphasia: Selective Impairment in a Repetition Task"
- I. Participants will be able to describe difficulties that people with aphasia may have with sentences that contain negation.
 - II. Participants will be able to explain cross-linguistic differences in structures with negation.
18. Grace Man, Nadine Martin and Jiyeon Lee
 "Implicit syntactic learning in aphasia: Evidence from cumulative structural priming in dialogue"
- I. Participants will be able to explain the difference between general structural priming and cumulative priming.
 - II. Participants will be able to summarize immediate and longer-term cumulative priming effects in persons with aphasia and healthy older adults.
19. Jiyeon Lee, Grace Man and Emily Bauman
 "Facilitating sentence production in aphasia: effect of repetition on immediate and longer-term structural priming"
- I. Participants will be able to define abstract priming and the lexical boost, and explain how persons with aphasia demonstrate these effects.
 - II. Participants will be able to explain the effect of oral repetition of prime sentences during immediate and longer-term structural priming in persons with aphasia and healthy older adults.
20. Carla Tierney-Hendricks, Natasha De Novi and Sofia Vallila-Rohter
 "Observational and Rule-based Artificial Grammar Learning in People with Aphasia (PWA)"
- I. Participants will be able to identify the role of observational and rule-based mechanisms on learning in aphasia.
 - II. Participants will be able to summarize preliminary evidence suggesting varied learning profiles in aphasia and reflect on the impact of these findings to align learning ability to intervention method.
21. Brianne Chiappetta, Aniruddh D. Patel and Cynthia K. Thompson
 "Musical and Morphosyntactic Processing in Agrammatic Aphasia"
- I. Participants will be able to describe how people with agrammatic aphasia respond to violations of musical syntax.
 - II. Participants will be able to summarize how musical training relates to the neurophysiological responses to syntactic violations in music and in language.

Continuing Education



Temple University is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This course is offered for up to 1.95 ASHA CEUs (Advanced Level, Professional Area).

Conference Support

Financial support: A grant from NIDCD-funded Academy of Aphasia conference grant (R13 DC017375-01) sponsored student fellows for focused mentoring and training. Additional financial support was provided by Lingraphica, Eleanor M. Saffran Center for Cognitive Neuroscience, and Taylor & Francis.

Professional services for administering and offering continuing education credits were donated by the Temple University Department of Communication Sciences and Disorders.

		financial relationships/Company and/or Organization	Role of financial relationship	Non-financial relationships/Company and/or Organization	Role of non-financial relationship
Author's Name:	Presentation/Poster Title:				
Adam Spira	Sleep efficiency as a predictor of tDCS intervention outcomes	Springer Nature Switzerland AG	Honorarium for Guest Editing an Issue of Current Sleep Medicine Reports.	No	
Ágnes Lukács	"On the road to develop a cross-linguistic assessment tool of post-stroke aphasia: the Hungarian adaptation and standardization of the Comprehensive Aphasia Test	No		No	
Alexander Swiderski	A Systematic Appraisal of Individual Effect Sizes in Aphasia Single-Case Designs via Simulation	No		No	
Alexandra Walker	A double dissociation between plural and possessive "s": Evidence from the Morphosyntactic Generation test.	No		No	
Alexandra Zezinka Durfee	right hemisphere stroke: Preliminary investigation of explicit training effectiveness	NIH (NIDCD)	funding (salary support)	No	
Alexis Pracar	"A case of pure apraxia of speech after left hemisphere stroke: behavioral findings and neural correlates"	No		No	
Amy Vogel-Eyny	Combining evidence-based treatments in aphasia with neuromodulation	No		No	
Andrew DeMarco	The Brain Basis of Phonological Reading Impairment in Chronic Aphasia	No		No	
Andrew DeMarco	Task Switching Interferes with Phonological Control and Bolsters Semantic Control in People with Left Hemisphere Stroke and Matched Controls	No		No	
Andrew DeMarco	Orthographic Effects on Rhyme Judgment in Persons with Aphasia	No		No	

Andrew DeMarco	Dysfunction in frontal and occipital lobes associated with acquired dysgraphia in chronic left-hemisphere stroke	No		No	
Aniruddh Patel	Musical and Morphosyntactic Processing in Agrammatic Aphasia	No		No	
Anna Gavarró	The comprehension of focalisation in Catalan agrammatism: the role of morphosyntactic features	No		No	
Anne Turney	Morphological segmentation of nonwords in patients with acquired dyslexia	No		No	
Astrid Graesser	Fronto-temporal contributions to basic semantic composition – evidence from lesion behavior mapping	No		No	
Austin Keen	Visual attention influences word order choice in aging and aphasia: evidence from eyetracking	Purdue University	Salary paid by Purdue University at time of research and submission	No	
Bencie Woll	Dissociations between gesture, sign and fingerspelling following CVA	Economic and Social Research Council of Great Britain	Director, deafness Cognition and Language Research Centre	No	
Breanne Sullivan	Paraphasia in two forms of conduction aphasia	No		No	
Brian MacWhinney	A Comparison of Manual versus Automated Analysis of Cinderella stories using the Quantitative Production Analysis	No		No	
Brianne Chiappetta	Musical and morphosyntactic processing in agrammatic aphasia	No		No	
Brooke Hallowell	The Role of Sustained Attention Control in Short-Term Memory Recall in Post-Stroke Aphasia	Springfield College	I earn a salary for my academic work	No	
Bruna Tessaro	semantic impairment in aphasia: an investigation of the relationship between different tasks tapping semantic processing	No		No	

	Measuring Awareness/Measurement in Aphasia: Intellectual Awareness of Naming Abilities, The Brain Basis of Phonological Reading Impairment in Chronic Aphasia, Orthographic Effects on Rhyme Judgment in Persons with Aphasia, Task Switching Interferes with Phonological Control and Bolsters Semantic Control in People with Left Hemisphere Stroke and Matched Controls	Georgetown University Medical Center (GUMC)	Salary paid by GUMC through NIH grant funds	No	
Candace M. van der Stelt				Neuroscience Group, MGH Institute of Health Professions	Doctoral student in the Lab (non-paid)
Carla Tierney-Hendricks	Observational and Rule-based Artificial Grammar Learning in People with Aphasia (PWA)	No			
Carmen Nguyen	Crosslinguistic Cognate Word Facilitation in Bilinguals with Aphasia: A Systematic Literature Review	No		No	
Caroline Jagoe	partner training in Chinese-speaking persons with aphasia: Preliminary findings"	Trinity College Dublin	salary paid by Trinity College Dublin	No	
Carolyn Baker	The role of semantic cues on the speed of lexical activation during sentence processing in agrammatic aphasia	No		No	
Catherine Head	Evolution and stability of naming errors during the first year of left hemisphere stroke recovery	University, School of Medicine, Dept of Neurology	Research SLP - salary paid by Johns Hopkins University	No	
Celia Litovsky	supporting recovery in post-stroke dysgraphia	No		No	
Celia P. Litovsky	supporting recovery in post-stroke dysgraphia	No		No	
Champagne-Lavau Maud	Irony understanding in right acquired brain-damaged individuals: a new way to explore the role of contextual processing, theory of mind, and executive functions	No		No	

Christopher Haslam	Improves Naming Ability in Primary Progressive Aphasia	No		No	
Christopher R. Hepner	from four types of pluralization deficit in aphasia	No		No	
Colleen B. Ward	Do aphasia ID cards impact how neurotypical adults listen to unfamiliar speakers with aphasia?	University of Massachusetts-Amherst	Employed as a research assistant for the Neuroscience of Language and Aphasia lab during some of the time I conducted this research; paid from a start-up grant awarded to the PI of the lab.	No	
Cynthia K. Thompson	Adaptive and maladaptive neuroplasticity in the right hemisphere: Evidence from chronic agrammatic aphasia.	No		No	
Cynthia K. Thompson	Adjective use by individuals with agrammatic primary progressive aphasia	No		No	
Cynthia K. Thompson	Musical and Morphosyntactic Processing in Agrammatic Aphasia	No		No	
Cynthia K. Thompson	Verb processing across primary progressive aphasia variants	No		No	
Daniel Furnas	Macro level modality differences in the written and spoken story retelling of healthy adults	No		No	
Danielle Laval	Development of a Test of Word Production Span for Aphasia.	No		No	
Davida Fromm	A Comparison of Manual versus Automated Analysis of Cinderella Stories using the Quantitative Production Analysis	Carnegie Mellon University (CMU)	salary from CMU from NIH-NIDCD grant R01-DC008524	No	
Denise Y. Harvey	Harnessing State-dependency of Noninvasive Brain Stimulation Techniques to Enhance Therapeutic Outcomes	No		No	
Denise Y. Harvey	Improves Naming Ability in Primary Progressive Aphasia	No		No	

	Language Therapy: A Comparative Case Study of Non-fluent and Fluent Post-stroke Aphasia	No			
Denise Y. Harvey	Verbal Short-Term Memory and Everyday Function	No			
Dennis Desalme	Revealing linguistic and verbal short-term/working memory competencies in people with severe aphasia	No			
Diane KendallDian	Syntax or working memory impairment in mild Alzheimer's Disease?	No			
Dimitra Arfani	Drama by speakers with aphasia: Awareness and life satisfaction	No			
Dirk B. den Ouden	Bilingual experience favors recovery in post-stroke aphasia: Preliminary observations	No			
Durjoy Lahiri		No	Salary paid by Louisiana State University (since August 2016); Work supported by a grant from the Louisiana Board of Regents (LEQSF(2017-20)-RD-A-03; E. Susan Duncan, PI).		
E. Susan Duncan	Transcranial direct current stimulation with standard outpatient aphasia therapy: Receptiveness and efficacy	Louisiana State University		No	
Elena Barbieri	Adaptive and maladaptive neuroplasticity in the right hemisphere: Evidence from chronicagrammatic aphasia.	No		No	
	1) The influence of language and executive functions on theory of mind in non-fluent variant Primary Progressive Aphasia; 2) Relativized minimality effects in the comprehension of subject- and object-relative clauses in non-fluent variant Primary Progressive Aphasia	No		No	
Eleni Peristeri		No		No	
Elisabeth Beyersmann	Morphological segmentation of nonwords in patients with acquired dyslexia	No		No	
Elissa L. Newport	Language outcomes after pediatric stroke	No		No	

Elizabeth Anderson	Electroencephalographic signatures of word retrieval in patients with left anterior versus posterior stroke induced lesions	No		No	
	The Brain Basis of Phonological Reading Impairment in Chronic Aphasia; Task Switching Interferes with Phonological Control and Bolsters Semantic Control in People with Left Hemisphere Stroke and Matched Controls	No		No	
Elizabeth Dvorak	Combining evidence-based treatments in aphasia with neuromodulation	NYU Langone Rusk Rehabilitation	salary	No	
Elizabeth Galletta	Simulating phonological alexia and its phonology-focused treatment	Florida State University	salary paid by Florida State University	No	
Elizabeth Madden	Facilitating sentence production in aphasia: effect of repetition on immediate and longer-term structural priming	Purdue University	Previously Employed by Purdue University and independent contractor in which I am paid by lab by grant funds	No	
Emily Bauman	Effects of distributed practice and criterion level on word retrieval in aphasia	No		No	
Erica Middleton	dysfunctional tissue and longitudinal language recovery after left hemisphere stroke	Johns Hopkins University School of Medicine	Salary paid by Johns Hopkins University	No	
Erin Meier	Cognitive Impairment and Primary Progressive Aphasia	No		No	
Erjia Cui	Diagnostic criteria for agrammatism: a critical analysis and empirical validation	No		No	
Farooq-Shah, Yasmeen	Irony understanding in right acquired brain-damaged individuals: A new way to explore the role of contextual processing, theory of mind, and executive functions	No		No	
Fossard, Marion	Aphasia: Selective Impairment in a Repetition Task	No		No	
Gary Libben	processing capacities in persons sater stroke	No		No	
Georg Goldenberg		No		No	

Gloria Streit Olness	Emotional Expression in Aphasia: A Case Study of Personal Narration in Conversation	No		No	
Grace Man	1. Facilitating sentence production in aphasia: effect of repetition on immediate and longer-term structural priming; 2. Implicit syntactic learning in aphasia: Evidence from cumulative structural priming in dialogue; 3. Visual attention influences word order choice in aging and aphasia: evidence from eyetracking	Purdue University	NIH training grant (T-32) at Purdue University	No	
Haiyan Wang	Verb processing across primary progressive aphasia variants	No		No	
Haley C. Dresang, PhD	Strong conceptual ability reduces the effect of lexical impairments on verb retrieval in aphasia	No		No	
Heather Dial	logopenic variant primary progressive aphasia; Semantic Working Memory Supports a Phrasal Scope of Planning in Language Production: Evidence from Acute Stroke	No		No	
Henrike Blumentfeld	Crosslinguistic Cognate Word Facilitation in Bilinguals with Aphasia: A Systematic Literature Review	No		No	
Hyejin park		No		No	
Jo Salmons	The comprehension of focalisation in Catalan agrammatism: the role of morphosyntactic features	No		No	
J. Vivian Dickens	Impairment in Chronic Aphasia. 2 Task Switching Interferes with Phonological Control and Bolsters Semantic Control in People with Left Hemisphere Stroke and Matched Controls. 3. Orthographic Effects on Rhyme Judgment in Persons with Aphasia	No		No	

Jacqueline Stark	Emotional Expression in Aphasia: A Case Study of Personal Narration in Conversation	No		No	
James Reilly	Longitudinal Investigation of Accuracy During Confrontation Naming of Objects and Actions in svPPA	No		No	
Jane Warren	Exploring the Use of Orthographic Cues in Spoken Word-Finding Therapy	No		No	
Jason A. Cohen, MD	Demographics and Primary Progressive Aphasia: A Preliminary Retrospective Study	No		No	
Jean K. Gordon	Factor Analysis of Spontaneous Speech in Aphasia	ASH Foundation	grant recipient	No	
Jeffrey Starns		No		No	
Jennifer Mack	Do aphasia ID cards impact how neurotypical adults listen to unfamiliar speakers with aphasia?	No		No	
Jennifer Shea	Cognitive Impairment and Primary Progressive Aphasia	No		No	
Jessica Obermeyer	Macro level modality differences in the written and spoken story retelling of healthy adults	No		No	
Jessica Richardson	Combining evidence-based treatments in aphasia with neuromodulation	Mexico; Department of Defense	salary; grant funding	No	
Ji Hyun Kim	Baseline functional connectivity predicts cerebellar tDCS treatment response	No		No	
Jill Kries	Assessing auditory and phonemic processing in persons with aphasia	No		No	
Jiyeon Lee	Visual attention influences word order choice in aging and aphasia: evidence from eyetracking; Evidence from cumulative structural priming in dialogue; Facilitating sentence production in aphasia: effect of repetition on immediate and longer-term structural priming	No		Purdue University	Associate Professor

Joel Greenhouse	A Comparison of Manual versus Automated Analysis of Cinderella Stories Using the Quantitative Production Analysis	No		No	
John Medaglia	The Brain Basis of Phonological Reading Impairment in Chronic Aphasia.	No		No	
Jonathan Robinson Anthony	Crosslinguistic cognate word facilitation in bilinguals with aphasia: A systematic literature review	No		No	
Joseph Posner	Orthographic Effects on Rhyme Judgment in Persons with Aphasia	No		No	
	Task Switching Interferes with Phonological Control and Bolsters Semantic Control in People with Left Hemisphere Stroke and Matched Controls	No		No	
Joshua McCall	Effects of distributed practice and criterion level on word retrieval in aphasia	No		No	
Julia Schuchard	Working memory capacities neurally dissociate: Evidence from acute stroke	No		No	
Junhua Ding	Investigating Changes in Connected Speech in Nonfluent/Agrammatic PPA Following Script Training	No		No	
Karinne Berstis	Nonverbal Assessment of Semantic Processing Capacities in Persons with Aphasia after Stroke: Application of the Nonverbal Semantics Test (NVST)	No		No	
Katharina Hogrefe	Integrity of the executive functioning and cross-linguistic transfer of language therapy effects in bilingual aphasia	No		No	
Katy Borodkin	A review on treatment-related brain changes in aphasia	No		No	
Klara Schevenels	Sentential negation in German and Italian agrammatic aphasia	No		No	
Kleanthes K. Grohmann	Age matters: Understanding feedback processing in older adults and implications for aphasia treatment	MGH Institute of Health Professions	Doctoral research fellowship paid by MGH Institute of Health Professions	Cognitive Neuroscience Group	researcher in the Cognitive Neuroscience
Kristen Nunn					

	Investigating Changes in Connected Speech in Nonfluent/agrammatic PPA Following Script Training	No		The University of Texas-Austin	and employee (assistant instructor) at UT-Austin
Kristin Schaffer	A tool for automatic scoring of spelling	No		No	
Kyriaki Neophytou	The Brain Basis of Phonological Reading Impairment in Chronic Aphasia; Task Switching Interferes with Phonological Control and Bolsters Semantic Control in People with Left Hemisphere Stroke and Matched Controls	No		No	
Lacey, Elizabeth H	Demographics and Primary Progressive Aphasia: A Preliminary Retrospective Study	City University of New York	Recipient of Graduate Center Fellowship	No	
Lauren Grebe	Get in sync: rhythm in speech entrainment as a mechanism for scripted-sentence learning in aphasia	No		No	
Lauryn Zipse	Language Therapy: A Comparative Case Study of Non-fluent and Fluent Post-stroke Aphasia	No		No	
Leslie Vnenchak	The role of semantic cues on the speed of lexical activation during sentence processing in agrammatic aphasia	No		No	
Lewis P. Shapiro	On the road to develop a cross-linguistic assessment tool of post-stroke aphasia: the Hungarian adaptation and standardization of the Comprehensive Aphasia Test	No		No	
Lilla Zakariás	Bridging Impairment and Function: Establishing Reliable Measures of Language in Unstructured Conversation in People with Aphasia; Macro level modality differences in the written and spoken story retelling of healthy adults	No		No	
Lisa Edmonds		No		No	

	bilingual aphasia: The influence of language context on language errors in picture naming; Semantic impairment in aphasia: An investigation of the relationship between different tasks tapping semantic processing	No			
Lyndsey Nickels	Language Therapy: A Comparative Case Study of Non-fluent and Fluent Post-stroke Aphasia	No		No	
Lynn M Maher	Orthographic Effects on Rhyme Judgment in Persons with Aphasia; Rethinking Awareness Measurement in Aphasia: Intellectual Awareness of Naming Abilities	The George Washington University (GWU)	salary paid by GWU	No	
Mackenzie Fama	Emotional Expression in Aphasia: A Case Study of Personal Narration in Conversation	No		No	
Mahaley Millican	Aphasia: Selective Impairment in a Repetition Task	No		No	
Maria Elina Sánchez	Bridging Impairment and Function: Establishing Reliable Measures of Language in Unstructured Conversation in People with Aphasia	National Institute on Deafness and Other Communication Disorders	Fellowship Recipient	No	
Marion C. Leaman & Lisa A. Edmonds	A Comparison of Manual versus Automated Analysis of Cinderella Stories using the Quantitative Production Analysis	No		No	
Mason Paccione	Integrity of input verbal short-term memory ability predicts naming accuracy and error types	No		No	
Matthew Sayers	aphasia variants; Adjective use by individuals with agrammatic primary progressive aphasia	No		No	
Matthew Walenski	Investigating Changes in Connected Speech in Nonfluent/agrammatic PPA Following Script Training	NIH/NIDCD	Research grant	No	
Maya Henry					

Megan Schliep	Cue Responsiveness as a Measure of Emerging Language Ability in Aphasia	MGH Institute of Health Professions	Employment; PhD Stipend paid by MGH Institute of Health Professions	No	
Melissa Stockbridge	A double dissociation between plural and possessive “s”: Evidence from the Morphosyntactic Generation test.	No		No	
Melissa Bortz	Language Mixing in Bantu Speaking Healthy People and People with Aphasia	No		No	
MERYEM YUCEL	Investigating language and cognitive processing in healthy and neurologically-impaired individuals using functional near-infrared spectroscopy (fNIRS)	No		No	
Michael Walsh Dickey	Get in sync: rhythm in speech entrainment as a mechanism for scripted-sentence learning in aphasia	National Institute of Deafness and Other Communication Disorders; University of Pittsburgh; VA Pittsburgh Healthcare System	PI, co-I on contracted research; Salary paid by University of Pittsburgh; Salary paid by VA Pittsburgh Healthcare System	Centre for Research Excellence in Aphasia Recovery and Rehabilitation, La Trobe University, Melbourne, Australia	Research affiliate
Michelle Gravier	The role of semantic cues on the speed of lexical activation during sentence processing in agrammatic aphasia	University, East Bay; VA Pittsburgh Healthcare System	X	No	
Mira Goral	Aphasia: A Preliminary Retrospective Study; Negation Production in People with Aphasia: Selective Impairment in a Repetition Task; Language Mixing in Bantu Speaking Healthy People and People with Aphasia	Yes		No	
Mohammad Haghighi	The Role of Sustained Attention Control in Short-Term Memory Recall in Post-Stroke Aphasia	University of Arkansas	Salary paid by the University of Arkansas	No	

	Longitudinal Investigation of Accuracy During Confrontation Naming of Objects and Actions in svPPA	No		No	
Molly B Ungrady	Improves Naming Ability in Primary Progressive Aphasia Development of a Test of Word Production	No		No	
Murray Grossman	Span for Aphasia; Revealing linguistic and verbal short-term/working memory competencies in people with severe aphasia; Verbal Short-Term Memory and Everyday Function; Integrity of input verbal short-term memory ability predicts naming accuracy and error types; Implicit syntactic learning in aphasia: Evidence from cumulative structural priming in dialogue.			No	
Nadine Martin	Irony understanding in right acquired brain-damaged individuals: a new way to explore the role of contextual processing, theory of mind, and executive functions	Temple University; NIH-NIDCD	employed as faculty; Grant to Temple to support my research	No	
Natasha Cordonier	Investigating language and cognitive processing in healthy and neurologically-impaired individuals using functional near-infrared spectroscopy (fNIRS)	No		No	
Natalie Gilmore	The role of semantic cues on the speed of lexical activation during sentence processing in agrammatic aphasia	No		No	
Natale Sullivan	Efficacy of noninvasive brain stimulation techniques in the treatment of primary progressive aphasia: a meta-analysis of tDCS and TMS as supplemental tools paired with behavioral language therapy	No		No	
Nicole Nissim	The role of semantic cues on the speed of lexical activation during sentence processing in agrammatic aphasia	No		No	
Niloofer Akhavan		No		No	

Nina Pillai	Verb Deficits in Aphasia: A Voxel-Based Lesion-Symptom Mapping Study	No		No	
Noelle Abbott	The role of semantic cues on the speed of lexical activation during sentence processing in agrammatic aphasia	No		No	
Olivia Herrmann	Sleep efficiency as a predictor of tDCS intervention outcomes	No		No	
Paola Marangolo	Transcranial direct current stimulation (tDCS) in the Treatment of Aphasia: Methods, Mechanisms and Treatment Protocols	No		No	
Peter Turkeltaub	Orthographic Effects on Rhyme Judgment in Persons with Aphasia. The Brain Basis of Phonological Reading Impairment in Chronic Aphasia. Rethinking Awareness Measurement in Aphasia: Intellectual Awareness of Naming Abilities. Task Switching Interferes with Phonological Control and Bolsters Semantic Control in People with Left Hemisphere Stroke and Matched Controls. Dysfunction in frontal and occipital lobes associated with acquired dysgraphia in chronic left-	No		No	
	Poster 1 "Anthony Pak-Hin Kong, Dustin Kai-Yan Lau, Vivian Nga-Ying Chai, Kristie Pui-Yan Chan, and Katie Hei-Ting Sum"; Poster 2 "Kristie Pui-Yan Chan, Anthony Pak-Hin Kong, and Caroline Jagoë"	No		No	
Rachel Fabian	Prosodic Acoustic Features in Mild Cognitive Impairment and Primary Progressive Aphasia	Miro a Division of The Cognitive Healthcare Company	salary support by Miro	No	

	The contribution of concussion status, semantic processing speed, and educational attainment on scholastic achievement in collegiate athletes	No		No	
Rachel Mils	logopenic variant primary progressive aphasia	No		No	
Rachel Tessmer	Semantic Working Memory Supports a Phrasal Scope of Planning in Language Production: Evidence from Acute Stroke	Baylor College of Medicine		No	
Rachel Zahn	Baseline functional connectivity predicts cerebellar tDCS treatment response	Johns Hopkins University	Receives salary support from JHU; Research is supported by NIH/NIDCD	No	
Rajani Sebastian	Preliminary observations on cueing hierarchy in mobile-based aphasia training program; Quality of mobile-based aphasia intervention app: A pilot investigation	No		No	
Rajath Shenoy	Predicting Semantic Typicality from Brain Activation Patterns in Healthy Adults and Individuals with Aphasia: a Multi-Voxel Pattern Analysis Study	No		No	
Ran Li	Working memory capacities neurally dissociate: Evidence from acute stroke	No		No	
Randi Martin	Orthographic Effects on Rhyme Judgment in Persons with Aphasia; The Brain Basis of Phonological Reading Impairment in Chronic Aphasia	No		No	
Rhonda Friedman	A Systematic Review of Aphasia Therapy Provided in the Early Period of Post-Stroke	No		No	
Robert C. Marshall	Size Estimates in Aphasia Single-Case Designs via Simulation; BEARS: Balancing Effort, Accuracy, and Response Speed in semantic feature verification anomia treatment	University of Pittsburgh	Salary paid by University of Pittsburgh	No	
Robert Cavanaugh				No	

Robert Creighton	Age matters: Understanding feedback processing in older adults and implications for aphasia treatment	No		No	
Rolando Bonandrini	The right hemisphere is not word-blind: behavioral and disconnectome evidence of right hemisphere reading in a patient with Pure Alexia.	No		No	
Roy Hamilton	Language Therapy: A Comparative Case Study of Non-fluent and Fluent Post-stroke Aphasia	No		No	
Roy Hamilton	Improves Naming Ability in Primary Progressive Aphasia	No		No	
Ruth Diges	Testing grammar for diagnosis of aphasia	No		No	
Ryan S. Husak	A Systematic Review of the Effects of Early Aphasia Treatment	No		No	
Ryan Staples	Simulating phonological alexia and its phonology-focused treatment	No		No	
Saketh Katta	A Comparison of Manual versus Automated Analysis of Cinderella Stories using the Quantitative Production Analysis	No		No	
Sam Alxatib	Aphasia: Selective Impairment in a Repetition Task; Negation Production in People with Aphasia: Selective Impairment in a Repetition Task	No		No	
Samuel A Cason	Language Therapy: A Comparative Case Study of Non-fluent and Fluent Post-stroke Aphasia”	No		No	

	the brain basis of phonological reading				
	Impairment in Chronic Aphasia; Rethinking Awareness Measurement in Aphasia: Intellectual Awareness of Rhyme Judgment in Persons with Aphasia; Task Switching Interferes with Phonological Control and Bolsters Semantic Control in People with Left Hemisphere Stroke and Matched Controls	No		No	
Sarah Snider	Controls	No		No	
Sarah Wallace	A Systematic Review of the Effects of Early Aphasia Treatment	No		No	
Scott Schroeder	Are language and cognition strongly linked in people with aphasia?	No		No	
Seongsil Lee, Zofia Cieslak, and Yasmeen Farooqi-Shah	Effects of processing speed, cognitive control, and word retrieval speed on sentence production in aphasia	No		No	
Shannon M. Sheppard	Cognitive Impairment and Primary Progressive Aphasia	NIH	salary paid by NIH grant R01 DC015466	No	
Simon Fischer-Baum	Right hemisphere reorganization of the reading system following stroke	No		No	
	processing in older adults and implications for aphasia treatment; Cue responsiveness as a measure of emerging language ability in aphasiaObservational and rule-based artificial grammar learning in people with aphasia.	No		No	
Sofia Vallila Rohrer		No		No	
	Semantic impairment in aphasia: An investigation of the relationship between different tasks tapping semantic processing	No		No	
Solene Hameau	bilingual aphasia: The influence of language context on language errors in picture naming	No		No	
Solene Hameau		No		No	
Sona Patel	Cognitive Impairment and Primary Progressive Aphasias	NIDCD	R01DC015466	No	

	Revealing linguistic and verbal short-term/working memory competencies in people with severe aphasia	No		No	
Sonia Vieira	Functional image studies in a patient with angular gyrus syndrome presented as non-convulsive status epilepticus	No		No	
Soochul Park	A Comparison of Manual versus Automated Analysis of Cinderella Stories Using the Quantitative Production Analysis	No		No	
Sophia Hecht	Subject-object asymmetries in the comprehension of relative clauses in non-fluent variant Primary Progressive Aphasia	No		No	
Spyridoula Varlokosta	The influence of language and executive functions on theory of mind in non-fluent variant Primary Progressive Aphasia	No		No	
Stephanie Durrleman	Investigating Changes in Connected Speech in Nonfluent/agrammatic PPA Following Script Training.	No		No	
Stephanie Grasso	Cross-linguistic Interaction During Word Retrieval in Bilingual Aphasia: A Case Study	No		No	
Stephanie Ries	Transcranial direct current stimulation with standard outpatient aphasia therapy: Receptiveness and efficacy	No		No	
Surani Nakkawita	Semantic versus orthographic cues according to aphasia types: Link from behavioral to objective via eye-tracking	No		No	
Susan M. DeMetropolis	Investigating language and cognitive processing in healthy and neurologically-impaired individuals using functional near-infrared spectroscopy (fNIRS)	Constant Therapy Health	Own stock	No	
Swathi Kiran	Morpho-Phonologically Based Treatment for Hebrew Speaking Individuals with Aphasia: An Intervention Study	No		No	
Tali Bitan		No		No	

	"Morpho-Phonologically Based Treatment for Hebrew Speaking Individuals with Aphasia: An Intervention Study"	No			
Tammar Truzman	Verbal Short-Term Memory and Everyday Function	No			
Tania Giovannetti	Longitudinal Investigation of Accuracy During Confrontation Naming of Objects and Actions in svPPA	No			
Tania Giovannetti	Working Memory Capacities Neurally Dissociate: Evidence from Acute Stroke; Semantic Working Memory Supports a Phrasal Scope of Planning in Language Production: Evidence from Acute Stroke; A Comparison of Manual versus Automated Analysis of Cinderella Stories using the Quantitative Production Analysis	No			
Tatiana Schnur	Strong conceptual ability reduces the effect of lexical impairments on verb retrieval in aphasia	No			
Tessa Warren	Adjective use by individuals with agrammatic primary progressive aphasia.	No			
Thomas Sostarics	Mechanisms underlying generalization after a phonological treatment for anomia	No			
Tijana Simic	The role of semantic cues on the speed of lexical activation during sentence processing in agrammatic aphasia	No			
Tracy Love	bilingual aphasia: The influence of language context on language errors in picture naming	No			
Urszula Dmowski	Sentential negation in German and Italian agrammatic aphasia	No			
Valantis Fyndanis	Age matters: Understanding feedback processing in older adults and implications for aphasia treatment	No			
Victoria Tilton-Bolowsky		No			

Virginia Jaichenco	Aphasia: Selective Impairment in a Repetition Task	No		No	
Wei Ping Sze	Exploring the Use of Orthographic Cues in Spoken Word-Finding Therapy	No		No	
Wendy Best	Exploring the Use of Orthographic Cues in Spoken Word-Finding Therapy	No		No	member of center
Wendy Greenspan	Revealing linguistic and verbal short-term/working memory competencies in people with severe aphasia	Temple University; Adler Aphasia Center	Salary paid by Temple University; Member of Advisory Board of the Adler Aphasia Center; Independent Contractor with the Adler Aphasia Center	Adler Aphasia Center; Aphasia Access	Advisory Committee of the Adler Aphasia Center; Member of Board of Directors of Aphasia Access
Willa R. Keegan-Rodewald	Investigating Changes in Connected Speech in Nonfluent/agrammatic PPA Following Script Training	No		No	
William Evans	1) Systematic Appraisal of Individual Effect Size Estimates in Aphasia Single-Case Designs via Simulation. 2) Get in sync: rhythm in speech entrainment as a mechanism for scripted-sentence learning in aphasia. 3) BEARS: Balancing Effort, Accuracy, and Response Speed in semantic feature verification anomia treatment	Yes	Salary paid by university	VA Pittsburgh Healthcare System	Without compensation employee
William Matchin	A double dissociation between plural and possessive "s": Evidence from the Morphosyntactic Generation test.	No		No	
William W. Graves	Simulating phonological alexia and its phonology-focused treatment	No		No	
Wolfram Ziegler	Nonverbal Assessment of Semantic Processing in Persons with Aphasia after Stroke: Application of the Nonverbal Semantics Test (NVST)	No		No	

Yael Arbel	Age matters: Understanding feedback processing in older adults and implications for aphasia treatment.	No		No	
Yina M Quique	Get in sync: rhythm in speech entrainment as a mechanism for scripted-sentence learning in aphasia	No		No	