

Sunday, October 18th

9:45- 10:00: Welcome (Loraine Obler)

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

10:00 – 10:30: Litovsky & Rapp

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

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

“Right hemisphere reorganization of the reading system following stroke”

11:00 – 11:30: Barbieri & Thompson

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

11:30-11:45 *BREAK*

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

11:45 – 12:15: Dial et al.

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

12:15 – 12:45: Sostarics et al.

“Adjective use by individuals with agrammatic primary progressive aphasia”

12:45 – 1:15: Wang et al.

“Verb processing across primary progressive aphasia variants”

1:15 – 1:30 *BREAK*

1:30 – 3:00: Poster Session 1

3:00 – 4:00: Invited Keynote: Elissa Newport: “Is there developmental plasticity for language? Language outcomes after perinatal stroke”

4:00 – 4:15 *BREAK*

4:15 – 5:45: Poster Session 2

Monday, October 19th

9:00 – 10:30: Poster Session 3

10:30 – 11:30: NIH Keynote: Marom Bikson

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”

12:15 – 12:45: Marangolo

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

12:45 – 1:15: Harvey

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

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

“Combining evidence-based treatments in aphasia with neuromodulation”

1:45 – 2:00 *BREAK*

2:00 – 4:00: Platform 3: Treatment and Assessment

2:00 – 2:30: Zakariás, Rózsa & 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”

2:30 – 3:00: Fromm et al.

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

3:00 – 3:30: Simic, Leonard & Rochon
“Mechanisms underlying generalization after a phonological treatment for anomia”
3:30 – 4:00: Evans et al.
“BEARS: Balancing Effort, Accuracy, and Response Speed in semantic feature verification anomia treatment.”

4:00 – 5:00: Membership meeting

Tuesday, October 20th

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

9:00 – 9:30: Hepner & Nozari

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

9:30 – 10:00: Stockbridge et al.

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

10:00 – 10:30: Dresang et al.

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

10:30 – 10:45 *BREAK*

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

10:45 – 11:15: Bonandrini et al.

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

11:15 – 11:45: Dickens et al.

“The Brain Basis of Phonological Reading Impairment in Chronic Aphasia”

11:45 – 12:15: Posner et al.

“Orthographic Effects on Rhyme Judgment 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.

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

2:30 – 3:00: Martin et al.

“Working memory capacities neurally dissociate: Evidence from acute stroke”

3:00 – 3:30: Tao, Tsapkini & Rapp

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

3:30 – 3:45 *BREAK*

3:45 – 4:45: NIH Mentoring Professional Issues Session

4:45 – 5:00: Meeting Close

Poster Session 1: 1:30-3PM Sunday

Assessment

1. Danielle Laval and Nadine Martin
"Development of a Test of Word Production Span for Aphasia"
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)"
3. Candace van der Stelt, Mackenzie Fama, Sarah Snider and Peter Turkeltaub
"Rethinking Awareness Measurement in Aphasia: Intellectual Awareness of Naming Abilities"

Narrative production and spontaneous speech

4. Jean Gordon
"Factor Analysis of Spontaneous Speech in Aphasia"
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"
6. Marion Leaman and Lisa Edmonds
"Bridging Impairment and Function: Establishing Reliable Measures of Language in Unstructured Conversation 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"
8. Hyejin Park and Jessica Obermeyer
"The Task Effects on Light and Heavy Verb Production in Discourse in People with Anomic Aphasia"

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"
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"

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"
- ~~12. Venu Balasubramanian, Julia Terrozza, Alanis Stamey, Michelle Brower and Breanne Sullivan
"Paraphasia in two forms of conduction aphasia" [WITHDRAWN]~~
13. Jill Kries, Tom Francart and Maaïke Vandermosten
"Assessing auditory and phonemic processing in persons with aphasia"

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"
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"
16. Erica Middleton, Julia Schuchard and Katherine Rawson
"Effects of distributed practice and criterion level on word retrieval 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"

Working memory

18. 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"
19. Mohammad Haghighi and Brooke Hollowell
"The Role of Sustained Attention Control in Short-Term Memory Recall in Post-Stroke Aphasia"
20. 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"
21. Matthew Sayers, Danielle Laval, Jamie Reilly and Nadine Martin
"Integrity of input verbal short-term memory ability predicts naming accuracy and error types."

Poster Session 2: 4:15 - 5:45PM Sunday

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"
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"
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."
4. Mellissa Bortz and Mira Goral
"Language Mixing in Bantu Speaking Healthy People and People with Aphasia"

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"
6. Elizabeth Anderson and Stephanie Ries
"Electroencephalographic signatures of word retrieval in patients with left anterior versus posterior stroke-induced lesions"
7. Bruna Tessaro, Solène Hameau and Lyndsey Nickels
"Semantic impairment in aphasia: An investigation of the relationship between different tasks tapping semantic processing"
8. Bencie Woll, Joanna Atkinson and Jane Marshall
"Dissociations between gesture, sign and fingerspelling following CVA"

Neurostimulation

9. E. Susan Duncan and Surani Nakkawita
"Transcranial direct current stimulation with standard outpatient aphasia therapy: 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"
11. Rajani Sebastian, Rachel Brenowitz, Ji Hyun Kim, Erin Meier, Shannon Sheppard and Argye Hillis
"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"
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"
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"
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"

Written Language

16. William Graves, Ryan Staples and Elizabeth Brookshire Madden
"Simulating phonological alexia and its phonology-focused treatment"
17. Elisabeth Beyersmann, Anne Turney and Simon Fischer-Baum
"Morphological segmentation of nonwords 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"
19. Kyriaki Neophytou, Charalambos Themistocleous, Brenda Rapp and Kyrana Tsapkini
"A tool for automatic scoring of spelling"

Poster Session 3: 9:00 - 10:30AM Monday

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"
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"
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"
4. Dirk Den Ouden and Peter Duffy
"Drama by speakers with aphasia: Awareness and life satisfaction"
5. Colleen Ward and Jennifer Mack
"Do aphasia ID cards impact how neurotypical adults listen to unfamiliar speakers with aphasia?"
6. Dennis DeSalme, Tania Giovannetti and Nadine Martin
"Verbal Short-Term Memory and Everyday Function"

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"
8. Soochul Park, Taewon Kim and Minsoo Sung
"Functional image studies in a patient with angular gyrus syndrome presented as non-convulsive status epilepticus"
9. Nina Pillai, Yasmeen Farooqi-Shah and Jeremy Purcell
"Verb Deficits in Aphasia: A Voxel-Based Lesion-Symptom Mapping Study"
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"
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"
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)"

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"
14. Tammar Truzman, Michal Biran and Tali Bitan
"Morpho-Phonologically-Based Treatment for Hebrew Speaking Individuals with Aphasia: An Intervention Study"
15. Gopee Krishnan and Rajath Shenoy
"Quality of mobile-based aphasia intervention app: A pilot investigation"
16. Rajath Shenoy and Gopee Krishnan
"Preliminary observations on cueing hierarchy in mobile-based aphasia training program"
17. Ryan Husak, Sarah Wallace and Robert Marshall
"A Systematic Review of the Effects of Early Aphasia Treatment"
18. Susan DeMetropolis and Ashley Nordone
"Semantic versus orthographic cues according to aphasia types: Link from behavioral to objective via eye-tracking"
19. Megan Schliep, Victoria Tilton-Bolowsky and Sofia Vallila-Rohter
"Cue Responsiveness as a Measure of Emerging Language Ability in Aphasia"
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"
21. Durjoy Lahiri, Alfredo Ardila, Souvik Dubey and Biman Kanti Ray
"Bilingual experience favors recovery in post-stroke aphasia: Preliminary observations"

Poster Session 4: 12:15 – 1:45PM Tuesday

Language and cognitive control

1. Scott Schroeder, Susan DeMetropolis and Brigid Maelia
“Are language and cognition strongly linked in people with aphasia?”
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”
3. Katy Borodkin and Layan Saleh
“Integrity of the executive functioning and cross-linguistic transfer of language therapy effects in bilingual 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”
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”

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”
7. Spyridoula Varlokosta and Eleni Peristeri
“Subject-object asymmetries in the comprehension of relative clauses in non-fluent variant Primary Progressive Aphasia”
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”
9. Karinne Berstis, 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”
10. Lauren Grebe, Mira Goral and Jason A. Cohen
“Demographics and Primary Progressive Aphasia: A Preliminary Retrospective Study”
11. Molly B Ungrady, Tania Giovannetti, Murray Grossman and Jamie Reilly
“Longitudinal Investigation of Accuracy During Confrontation Naming of Objects and Actions in svPPA”
12. Dimitra Arfani, Kyrana Tsapkini and Spyridoula Varlokosta
“Syntax or working memory impairment in mild Alzheimer’s Disease?”

Sentences and syntax

13. Yasmeen Farooqi-Shah
“Diagnostic criteria for agrammatism: a critical analysis and empirical validation”
14. Mariacristina Musso, Ruth Dittges and Cornelius Weiller
“Testing grammar for diagnosis of aphasia”
15. Lo Salmons and Anna Gavarró
“The comprehension of focalisation in Catalan agrammatism: the role of morphosyntactic features”
16. Valantis Fyndanis, Rita Capasso, Helene Killmer, Sonia Malefaki, Gabriele Miceli and Kleanthes K. Grohmann
“Sentential negation in German and Italian agrammatic aphasia”
17. Austin Keen, Grace Man and Jiyeon Lee
“Visual attention influences word order choice in aging and aphasia: evidence from eyetracking”
18. Virginia Jaichenco, Maria Elina Sánchez, Sam Alxatib, Gary Libben and Mira Goral
“Negation Production in People with Aphasia: Selective Impairment in a Repetition Task”
19. Grace Man, Nadine Martin and Jiyeon Lee
“Implicit syntactic learning in aphasia: Evidence from cumulative structural priming in dialogue”
20. Jiyeon Lee, Grace Man and Emily Bauman
“Facilitating sentence production in aphasia: effect of repetition on immediate and longer-term structural priming”
21. Carla Tierney-Hendricks, Natasha De Novi and Sofia Vallila-Rohter
“Observational and Rule-based Artificial Grammar Learning in People with Aphasia (PWA)”
22. Brianne Chiappetta, Aniruddh D. Patel and Cynthia K. Thompson
“Musical and Morphosyntactic Processing in Agrammatic Aphasia”