53rd Annual Meeting of the Academy of Aphasia
Tucson, Arizona

Saturday, October 17th
2:00-6:00  Registration

Sunday, October 18th
8:00-8:50  Breakfast & Registration
8:50-9:00  Opening remarks
9:00-11:00  Platform Session 1: Processes of Word Production
11:00-11:30  Coffee Break
11:30-1:00  Platform Session 2: Functional Connectivity and Neuroplasticity
1:00-2:30  Box Lunch
          Special Event: An Hour with Audrey Holland – for those new to the field
2:30-4:30  Symposium 1: Neural Correlates of Recovery and Rehabilitation
4:30-6:00  Coffee Break & Poster Session 1
6:00-7:45  Business Meeting

Monday, October 19th
8:00-9:00  Breakfast
9:00-11:00  Platform Session 3: Lesion-Symptom Mapping; Primary Progressive Aphasia
11:00-11:30  Coffee Break
11:30-1:30  Symposium 2: The Rise of Big-Data in Aphasiology: An Opportunity for Theory Development
1:30-2:30  Box Lunch
2:30-4:00  Poster Session 2
4:00-4:30  Coffee Break
4:30-5:30  Distinguished Invited Speaker: Prof. Marta Kutas
5:45-8:00  Reception

Tuesday, October 20th
8:30-10:00  Breakfast & Poster Session 3
10:00-12:00  Platform Session 4: Sentence Processing and Idiom Processing
12:00-1:00  Box Lunch
1:00-3:00  Platform Session 5: Memory, Attention, and Bilingualism
3:00-3:30  Student Award & Concluding Remarks
DETAILED SCIENTIFIC PROGRAM

Sunday, October 18th
9:00 am - 11:00 am
Platform Session 1: Processes of Word Production
Chair: Adam Buchwald

Syllabic complexity effects in phonological speech errors: The role of articulatory-phonetic impairment
Myrna F. Schwartz, Cristina Romani, Danielle Brown and Adelyn Brecher
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Identifying and treating phonological and motor errors in acquired speech impairment
Adam Buchwald and Michele Miozzo
q.2015.65.00038&eid=2820&sname=Academy_of_Aphasia_53rd_Annual_Meeting

Spatio-temporal dynamics of word selection in speech production: Insights from electrocorticography
q.2015.65.00039&eid=2820&sname=Academy_of_Aphasia_53rd_Annual_Meeting

Towards a theory of learning for naming rehabilitation: Retrieval practice, retrieval effort, and spacing effects
Erica Middleton and Hilary Traut
q.2015.65.00083&eid=2820&sname=Academy_of_Aphasia_53rd_Annual_Meeting

11:30 am - 1:00 pm
Platform Session 2: Functional Connectivity and Neuroplasticity
Chair: Jamie Reilly

Resting-state functional connectivity of orthographic networks in acquired dysgraphia
Gali Ellenblum, Jeremy J. Purcell and Brenda Rapp
q.2015.65.00007&eid=2820&sname=Academy_of_Aphasia_53rd_Annual_Meeting
Functional reorganization of the large-scale brain networks that support high-level cognition following brain damage in aphasia

Idan A. Blank, Sofia V. Rohter, Swathi Kiran and Evelina Fedorenko

Plasticity of cognitive functions before and after awake brain tumor surgery

Djaina Satoer, Elke De Witte, Roelien Bastiaanse, Arnaud Vincent, Peter Mariën and Evy Visch-Brink

1:00 pm – 2:30 pm

Special Event: An Hour with Audrey Holland – for those new to the field

2:30 pm - 4:30 pm

Symposium 1: Neural Correlates of Recovery and Rehabilitation
Organizer: Kyrana Tsapkin

Exploring the neural substrates of phonological recovery
Pelagie M. Beeson, Kindle Rising, Andrew T. DeMarco and Steven Z. Rapcsak

Does linguistic ability impact nonlinguistic learning? The neural bases of nonlinguistic learning in aphasia
Sofia Vallila-Rohter, Idan A. Blank, Evelina Fedorenko and Swathi Kiran

Neural correlates of longitudinal recovery of naming in stroke
Rajani Sebastian, Charittien Long, Jeremy Purcell, David Race, Cameron Davis, Joseph Posner and Argye Hillis
Effects of different language and tDCS interventions in PPA and their neural correlates
Kyrana Tsapkini, Tushar Chakravarty, Yenny Webb Vargas, Martin A. Lindquist, Constantine E. Frangakis and Argye Hillis

4:30 pm - 6:00 pm
Poster Session 1

1. What causes the processing advantage in the comprehension of German object relative clauses?
Anne Adelt, Romy Lassotta, Flavia Adani, Nicole Stadie and Frank Burchert

2. Preserved cumulative semantic interference despite amnesia
Gary M. Oppenheim, Marie-Josephe Tainturier and Polly Barr

3. Grammatical production deficits in PPA: Relating narrative and structured task performance
Elena Barbieri, Jennifer E. Mack, Sarah Chandler, M.-Marcel Mesulam and Cynthia Thompson

4. Verb morphology impairment in a bilingual speaker with non-fluent aphasia
Katy Borodkin and Mira Goral

5. Cognitive outcome after awake surgery for left and right hemisphere tumours
Elke De Witte, Djaina Satoer, Evy Visch-Brink and Peter Mariën

6. A comparison of processing load during non-verbal decision-making in two individuals with aphasia
Salima Suleman, Esther S. Kim and Tammy Hopper
7. Grammatical category mediates the bilingual disadvantage in word retrieval  
Yasmeen Faroqi-Shah and Lisa Milman  

8. Production of subject-verb agreement, tense, mood, and negation in Italian agrammatic aphasia  
Valantis Fyndanis, Carlo Semenza, Rita Capasso, Marialuisa Gandolfi, Serena De Pellegrin, Giorgio Arcara, Francesca Burgio, Anna Maculan, Nicola Smania and Gabriele Miceli  

9. Using lexical variables to predict picture-naming errors in jargon aphasia  
Catherine Godbold, Lotte Meteya, Carmel Houston-Price and Arpita Bose  

10. Prediction of arguments and adjuncts in aphasia: Effects of event-related and verb-specific knowledge  
Rebecca A. Hayes, Michael W. Dickey and Tessa Warren  

11. Structural prediction in aphasia  
Chia-Ming Lei, Tessa Warren and Michael W. Dickey  

12. Phonological rehabilitation in acquired aphasia  
Claudio Luzzatti, Alessandra L. Molinari, Maria Ester Zanobio and Gabriella Rizzi  

Jeremy Purcell and Brenda Rapp  

14. Do morphophonological rules impact both regular and irregular verb inflection?  
Evidence from acquired morphological impairment  
Stacey Rimikis and Adam Buchwald  
15. Examining durability and generalization following lexical retrieval treatment in an individual with semantic variant of primary progressive aphasia

Kindle Rising and Pelagie M. Beeson


16. What do pause patterns in non-fluent aphasia tell us about monitoring speech? A study of morpho-syntactic complexity, accuracy and fluency in agrammatic sentence and connected discourse production

Halima Sahraoui, Julie Mauclair, Lorraine Baqué and Jean-Luc Nespoulous


17. Jargon in reading aloud sparing Arabic digits but not number words

Carlo Semenza, Martina Garzon, Laura Passarini, Francesca Meneghelli and Alina Menichelli


18. Language-specific effects on story and procedural narrative tasks between Korean-speaking and English-speaking individuals with aphasia

Soo Eun Lee, Jee Eun Sung, Woon Jeong Kim and Kyeong Ok Mo


19. Verb representations are closely associated with syntactic constructions in sentence production: Evidence from aphasic patients with short-term memory deficits

Hao Yan, Randi C. Martin and L. Robert Slevc


20. Electrophysiology of sentence processing in aphasia: Prosodic cues and thematic fit

Shannon M. Sheppard, Katherine J. Midgley, Tracy Love, Dorothy Yang, Phillip J. Holcomb and Lewis P. Shapiro


21. Priming and competition of associated memory representations: A comparison between response times and event-related potentials following lesions to left temporal cortex

Vitória Piai, Nina F. Dronkers and Robert T. Knight

Monday, October 19th
9:00 am - 11:00 am

Platform Session 3: Lesion-Symptom Mapping; Primary Progressive Aphasia
Chair: Kyrana Tsapkini

Integrating lesion-symptom mapping with other methods to investigate language networks and aphasia recovery
Peter E. Turkeltaub

A supervised framework for lesion segmentation and automated VLSM analyses in left hemispheric stroke
Dorian Pustina, Branch Coslett, Myrna F. Schwartz and Brian Avants

Neural correlates of successful and unsuccessful syntactic processing in primary progressive aphasia
Stephen M. Wilson, Andrew T. DeMarco, Maya L. Henry, Benno Gesierich, Miranda Babiak, Bruce L. Miller and Maria Luisa Gorno-Tempini

Online sentence comprehension in PPA: Verb-based integration and prediction
Jennifer E. Mack, Stephanie Gutierrez, M.-Marsel Mesulam and Cynthia Thompson

11:30 am - 1:30 pm

Symposium 2: The Rise of Big-Data in Aphasiology:
An Opportunity for Theory Development
Organizer: Yasmeen Faroqi-Shah

Analysis of AphasiaBank data
Brian Macwhinney
Testing the “division of labor hypothesis” of aphasic verb production using big-data
Julia Thome and Yasmeen Faroqi-Shah

Verb argument structure in narrative speech: Mining the AphasiaBank
Dirk B. Den Ouden, Svetlana Malyutina and Jessica D. Richardson

Using big-data to validate theories of rehabilitation in aphasia
Swathi Kiran and Carrie A. Des Roches

2:30 pm - 4:00 pm
Poster Session 2

1. Semantic feature analysis (SFA) in the treatment of naming deficits: Evidence from a Malay speaker with non-fluent aphasia
Mohd Azmarul A Aziz and Rogayah A Razak

2. Semantic feature verification: Adults with stroke-aphasia and neurologically-healthy adults
Sharon M. Antonucci

3. Patterns of orthographic working memory impairments in acquired dysgraphia in adults: A case series analysis
Venugopal Balasubramanian, Maha A. Aldera and Maureen Costello

4. Eyetracking reveals aberrant visual search during confrontation naming of Alzheimer’s disease and primary progressive aphasia
Ashley Bauer, Jinyi Hung, Murray Grossman and Jamie Reilly
5. The intractability of non-word production difficulties in jargon aphasia: Insights from therapy
Arpita Bose, Fiona Höbler, Catherine Godbold and Doug Saddy

6. The role of executive function in the semantic comprehension deficits of stroke aphasia and semantic dementia
Curtiss Chapman and Randi Martin

7. Investigating the possibility of a syntactic impairment in the semantic variant of PPA using a constrained production task: Preliminary findings
Jennifer Cupit, Carol Leonard, Naida Graham, Bruna Seixas Lima, David Tang-Wai, Sandra Black and Elizabeth Rochon

8. Whole-word response scoring underestimates functional spelling ability for some individuals with global agraphia
Andrew T. Demarco, Kindle Rising, Christine Shultz, Chelsea Bayley and Pelagie M. Beeson

9. The cognate advantage in bilingual aphasia: Now you see it, now you don’t
Emma Hughes and Marie-Josephe Tainturier

10. Please don’t stop the music: Song completion in patients with aphasia
Anna V. Kasdan, Matthew Vera and Swathi Kiran

11. The feasibility of using pupillometry to measure cognitive effort in aphasia: Evidence from a working memory span task
Esther S. Kim and Salima Suleman

12. Treatment-induced neuroplasticity following intensive speech therapy and a home practice program in fifteen cases of chronic aphasia
Jacquie Kurland, Polly Stokes and Thomas Zeffiro
13. Neural correlates of individual differences in processing of rising tones in Cantonese: Implications for speech perception and production
   Sampo Law and Jinghua Ou

14. Effects of aging, aphasia, and Parkinson’s disease on the time course of lemma selection during sentence production: Evidence from eyetracking
   Jiyeon Lee

15. Measuring prosodic deficits in oral discourse by speakers with fluent aphasia
   Tan Lee, Anthony Pak Hin Kong and Wang-Kong Lam

16. Spontaneous speech: Quantifying daily communication in Spanish-speaking individuals with aphasia
   Silvia Martínez-Ferreiro, Elena Vares González and Roelien Bastiaanse

17. Deficits in processing case markers in individuals with aphasia
   Jee Eun Sung, Kwi Hyun Jeong, Yeo Reum Sim, Soo Eun Lee and Kyeong Ok Mo

18. Autobiographical memories in testimonies of WWII veterans with dementia
   Hanna K. Ulatowska, Tricia Olea Santos and Diane Garst Walsh

19. Acute ischemic lesions associated with impairments in expression and recognition of affective prosody
   Amy E. Wright, Donna Tippett, Cameron Davis, Yessenia Gomez, Joseph Posner, Christopher Rorden and Argye Hillis
4:30 pm - 5:30 pm
Distinguished Invited Speaker: Prof. Marta Kutas
What event-related brain potential (ERP) data say about the human Language processing system
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Tuesday, October 20th
8:30 am - 10:00 am
Poster Session 3

1. Implications of subcortical structures in aphasia
   Saleh Alamri, Elizabeth Q Zhang, Constantina Theofanopoulou, Gonzalo Castillo,
   Edward R Shi, Pedro T. Martins, Silvia Martínez Ferreiro and Cedric Boeckx
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2. Feasibility of a novel treatment of abstract verbs in aphasia and apraxia of speech
   Dallin J. Bailey, Kiera Berggren, Christina Nessler and Julie Wambaugh
eyg.2015.65.00015&eid=2820&sname=Academy_of_Aphasia_53rd_Annual_Meeting

3. Written cognate treatment in a Welsh-English bilingual aphasic patient
   Polly Barr, Marie-Jospehe Tainturier, Britta Biedermann and Lyndsey A. Nickels
eyg.2015.65.00021&eid=2820&sname=Academy_of_Aphasia_53rd_Annual_Meeting

4. Corpus-based transitivity biases in individuals with aphasia
   Jennifer DiLallo, Heidi Mettler and Gayle DeDe
eyg.2015.65.00080&eid=2820&sname=Academy_of_Aphasia_53rd_Annual_Meeting

5. Comparison of dysgraphia impairments across writing-by-hand and two keyboard modalities
   Lisa A. Edmonds, Jodi Morgan, Jessica A. Obermeyer and Russell Addeo
eyg.2015.65.00019&eid=2820&sname=Academy_of_Aphasia_53rd_Annual_Meeting

6. Consistency of repeated naming in aphasia
   Elizabeth E. Galletta and Mira Goral
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7. **Phonotactic awareness deficit following left-hemisphere stroke**  
Maryam Ghaleh, Elizabeth Lacey, Katherine Spiegel, Iain DeWitt, Mackenzie Fama and Peter E. Turkeltaub  

8. **Developing auditory comprehension subtests of the Russian Aphasia Test**  
Maria Ivanova, Olga Dragoy, Yulia Akinina, Ekaterina Iskra, Olga Soloukhina, Anastasia Kobzeva, Mariya Khudyakova, Anna Chrabaszc and Tatiana Akhutina  

9. **An investigation of the use of co-verbal gestures in oral discourse among Chinese speakers with fluent versus non-fluent aphasia and healthy adults**  
Anthony Pak Hin Kong, Sampo Law and Gigi Wan-Chi Chak  

10. **Effectiveness of technologies in the treatment of post-stroke anomia: A systematic review**  
Monica Lavoie, Joël Macoir and Nathalie Bier  

11. **Selecting a phoneme-to-grapheme mapping: Random or weighted selection?**  
Binna Lee and Adam Buchwald  

12. **Remediation of anomia in lvPPA and svPPA**  
Aaron Meyer, Melissa Newhart, R. Scott Turner and Rhonda Friedman  

13. **Modality differences between written and spoken story retelling in healthy older adults**  
Jessica A. Obermeyer and Lisa A. Edmonds  

14. **What picture descriptions can reveal about disordered communication and the brain**  
Kumiko Oishi, Daniel Agis, Kenichi Oishi, Joey Posner, Cameron Davis, Eun H. Kim, Rajani Sebastian, Donna Tippett and Argye Hillis  
15. A novel approach for the analysis of treatment effects and training schedules in acquired dysgraphia.
Jennifer Shea, Robert Wiley, Gali Ellenblum, Donna Gotsch and Brenda Rapp

16. Thresholds of visibility for masked lexical, non-lexical, and non-linguistic items in aphasia
JoAnn P. Silkes and Rebecca Chao

17. Transcortical motor aphasia in recovery: A case report
Jacqueline Stark

18. Support vector regression-based multivariate lesion symptom mapping
Ze Wang

19. Rapid recovery from aphasia after infarction of Wernicke’s area
Stephanie Yagata, Melodie Yen, Angelica McCarron, Alexa Bautista, Genevieve Lamair-Orosco and Stephen M. Wilson

20. The Taiwanese Mandarin Linguistic Communication Measure (TM-LCM): An adaptation study for quantifying discourse produced by healthy individuals and speakers with aphasia in Taiwan
Chun-Chih Yeh and Anthony Pak Hin Kong

Caroline Reilhac, Teresa Schubert and Michael McCloskey
10:00 am - 12:00 pm
Platform Session 4: Sentence Processing and Idiom Processing
Chair: Swathi Kiran

Verb-based anticipatory processing in aphasia
Michael W. Dickey, Tessa Warren, Evelyn A. Milburn, Rebecca A. Hayes and Chia-Ming Lei

Damage to Broca’s area OR the anterior temporal lobe is implicated in stroke-induced agrammatic comprehension: It depends on the task
Corianne Rogalsky, Arianna LaCroix, Kuan-Hua Chen, Steven W. Anderson, Hanna Damasio, Tracy Love and Greg Hickok

Fast self paced listening times in syntactic comprehension in aphasia -- implications for deficits
David Caplan, Jennifer Michaud and Gloria Waters

Effects of familiarity, context, and abstract representations on idiom processing in aphasia
Evelyn A. Milburn, Tessa Warren and Michael W. Dickey

1:00 pm - 3:00 pm
Platform Session 5: Memory, Attention, and Bilingualism
Chair: Mira Goral

Now you are with me, now you are not: Between-session and within-session intra-individual variability in attention in aphasia
Sarah Villard and Swathi Kiran
Evaluating proposed dorsal and ventral route functions in speech perception and phonological short-term memory: Evidence from aphasia
Heather R. Dial and Randi Martin

Selection demands and working memory mediate interference during naming
Julie W. Hughes and Tatiana T. Schnur

Bilingual aphasia: Language matters
Brendan Weekes

3:00 pm - 3:30 pm
Student Award & Concluding Remarks