



Program

Academy of Aphasia 47th Annual Meeting


Omni Parker House Hotel

Boston, Massachusetts, USA

October 18-20, 2009

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Emerson College 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.

The 2009 Academy of Aphasia annual conference is offered for 2.2 CEUs (Advanced level, Professional area).

Schedule

Sunday October 18

8:30am-9:45am

Breakfast

9:45am

Welcoming Remarks

10:00am-12:00pm

Platform Session 1: Speech Production

12:00pm-1:30pm

Lunch (on your own)

1:30pm-4:00pm

**Symposium 1: Neuroimaging in Aphasia Treatment Research: Lessons,
Challenges and Future Directions**

4:00pm-6:00pm

Poster Session 1

6:30pm

Reception

Monday October 19

8:00am-8:30am

Breakfast

8:30am-10:00am

Platform Session 2: Semantics

10:00am-12:00pm

Poster Session 2

12:00-2:00pm

Academy Luncheon

2:00pm-4:00pm

Platform Session 3: Sentences and Sequences

4:00-6:00pm

Poster Session 3

6:00pm

Academy Business Meeting

Tuesday October 20

8:00am-8:30am

Breakfast

8:30am-11:00am

Symposium 2: Lexical Retrieval and Aging: Implications for Aphasia

11:00am-1:00pm

Poster Session 4

12:00-1:00pm

Box Lunch

1:00pm-4:00pm

Platform Session 4: Neural Bases of Language

4:00pm

Closing Remarks and Student Award

Detailed Scientific Program

Sunday October 18

10:00am-12:00pm

Platform Session 1: Speech Production

1. Voxel-based Lesion Analysis of Phonological, Lexical, and Syntactic Production Deficits in Post-stroke Aphasia

Faroqi-Shah Y.¹, Kling T.², Solomon J.³, Archibald J.⁴, Park G.⁴, Braun A.⁴

¹ Dept. of Hearing and Speech Sciences, University of Maryland, ² John Hopkins University Hospital, ³ Medical Numerics, ⁴ National Institutes of Health

2. A Computational Case-Series Approach to Frequency Effects in Aphasic Word Production

Nozari N., Kittredge A., Dell G.

Beckman Institute, University of Illinois at Urbana-Champaign

3. Distinguishing Phonological Errors from Phonetic Errors in Acquired Speech Impairment

Buchwald A.¹, Rapp B.², Miozzo M.³

¹ New York University, ² Johns Hopkins University, ³ Cambridge University and Johns Hopkins University

4. Syllable Frequency Effect in Progressive Apraxia of Speech: A Case Study

Laganaro M.¹, Bagou O.¹, Croisier M.²

¹ University of Neuchâtel, Switzerland, ² Hôpital Neuchâtelois, Switzerland

1:30pm-4:00pm

Symposium 1: Neuroimaging in Aphasia Treatment Research: Lessons, Challenges and Future Directions

5. Neuroimaging in Aphasia Treatment Research: Lessons, Challenges and Future Directions

Rapp B.¹, Thompson C.²

¹ Johns Hopkins University, ² Northwestern University

6. Neuroimaging in Aphasia Treatment Research: The State of the Science

Thompson C.

Dept. of Communication Sciences and Disorders, Northwestern University

7. Functional Neuroimaging of Recovery in Aphasia: Characterizing the Lesion

Hillis A.

Dept. of Neurology Johns Hopkins School of Medicine

8. Characterizing the Language Deficit: Implications for Scan Task Selection

Rapp B.

Johns Hopkins University

9. Experimental Treatment Design: What's Important for Neuroimaging Research

Swathi K.

Boston University

10. Analyzing Functional Neuroimaging Data of the Lesioned Brain

Saur D.

Department of Neurology, University Medical Center Freiburg

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

Neural Bases of Language

11. Task Modulated Neural Activation Patterns in Chronic Stroke Participants with Aphasia

Sebastian R.¹, Swathi K.²

¹ *Department of Communication Sciences and Disorders, University of Texas at Austin, 1 University Station A1100, Austin, TX 78712,* ² *Speech Language and Hearing Sciences, Boston University Sargent College, 635 Commonwealth Ave, Boston, MA 02215*

12. Wernicke's Aphasia Caused by Crossed Cerebellar Diaschisis Following Cerebellar Hemorrhage

Zhang Y.¹, Wang Y.¹, Zhao X.¹, Chunxue W.¹, Chen H.², Yongjun W.¹

¹ *Department of Neurology of Beijing Tiantan Hospital, Capital Medical University, China,* ² *Department of Neuroimaging of Beijing Neurosurgery Institute, affiliated with Capital Medical University, China*

13. Optic Aphasia or Wernicke's Aphasia with Diplopia: A Customized Approach for Assessment

Jayachandran K. , Kumar V. , Babu K. , Rafi R.

JSS Institute of Speech and Hearing, Mysore University, Mysore

14. Repetitive Transcranial Magnetic Stimulation (rTMS) and Sham Modulation of Language Function in Aphasia

Barwood C.¹, Murdoch B.², Whelan B.³, Lloyd D.⁴, O'Sullivan J.⁵, Coulthard A.⁶

¹ *Docotoral Researcher, Centre for Neurogenic Communication Disorders Research, School of Health and Rehabilitation Sciences, University of Queensland,* ² *Head of School and Professor, Centre for Neurogenic Communication Disorders Research, School of Health and Rehabilitation Sciences, University of Queensland,* ³ *Post Doctoral Research Fellow, Centre for Neurogenic Communication Disorders Research, School of Health and Rehabilitation Sciences, University of Queensland,* ⁴ *Post Doctoral Reseracher, Centre for Neurogenic Communication Disorders Research, School of Health and Rehabilitation Sciences and School of Human Movement Studies, University of Queensland,* ⁵ *Associate Professor of Neurology, Department of Neurology, Royal Brisbane and Women's Hospital, Queensland,* ⁶ *Professor of Neuroradiology, Royal Brisbane and Women's Hospital, Head of University of Queensland Discipline of Medical Imaging*

15. Clinical Profiles of Communication Impairments after a Right-Hemisphere Stroke

Ferré P. ¹, Clermont M. ², Lajoie C. ², Côté H. ³, Ska B. ³, Joannette Y. ³

¹ Centre de recherche, Institut universitaire de gériatrie de Montréal and Hôpital de réadaptation Villa Médica, Montréal (SPEAKER), ² Université de Montréal, ³ Centre de recherche, Institut universitaire de gériatrie de Montréal

16. Broca 0 – Wernicke 2: Contrasted Effects of Transcranial Magnetic Stimulation on Language in Chronic Aphasia

Macoir J. ¹, Flamand V. ², Beaulieu L. ², Jacob-Roy G. ², Routhier S. ², Schneider C. ³

¹ Université Laval et Centre de recherche Université Laval Robert-Giffard, ² Université Laval, ³ Laboratoire de Neurophysiologie Humaine, Centre de recherche du CHUL

17. A Systematic Analysis of Executive Functioning in Adults with Aphasia

Purdy M. , Labbe C.

Southern Connecticut State University

18. Neuroanatomical Organization of Functional Language Processing: an fMRI Study

Kumar V. ¹, Jayachandran K. ¹, Rafi R. ¹, Babu K. ¹, Emmanuel R. ²

¹ JSS Institute of Speech and Hearing, Mysore University, Mysore, ² Bharat Scan Centre, Chennai, India

19. Longitudinal Recovery of Repetition and Comprehension in Aphasic Stroke Patients

Kuemmerer D. ¹, Kellmeyer P. ¹, Mader I. ², Weiller C. ¹, Saur D. ¹

¹ University Medical Center Freiburg, Department of Neurology, ² University Medical Center Freiburg, Department of Neuroradiology

20. Factor Analysis of the Data from the Mandarin Chinese BDAE

Lu C. ¹, Wang C. ¹, Lee S. ², Chung Y. ², Donkers N. ³

¹ National Hsinchu University of Education, Taiwan, ² The General Hospital of Veterans, Taipei, Taiwan, ³ VA Northern California Health Care System, Martinez, CA

21. Magnetoencephalography of Language: New Approaches to Understanding the Cortical Organization of Chinese Processing

Xinghu Z. ¹, Zhonghua Y. ¹, Zaizhu H. ², Ning Z. ¹, Hongyang C. ³, Yumei Z. ¹

¹ Department of Neurology of Beijing Tiantan Hospital, affiliated with Capital Medical University, China, ² State Key Laboratory for Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China, ³ Department of Neuroimaging of Beijing Neurosurgery Institute, affiliated with Capital Medical University, China

Language in Context

22. A Multi-Level and Multi-Modal Framework for Analyzing Cantonese Aphasic Discourse Production: A Preliminary Proposal

Kong A. ¹, Law S. ², Lee A. ³

¹ University of Central Florida, ² University of Hong Kong, ³ University College Cork

23. Wisdom in Words: The Relationship between Language Production and the Perception of Wisdom

Gordon J.

Communication Sciences & Disorders, University of Iowa

24. Repetition as Pragmatic Function in Left and Right Hemisphere Damage

Wolf R. ¹, Sidtis D. ², Sidtis J. ¹

¹ Nathan S. Kline Institute for Psychiatric Research, ² New York University

25. Impaired Theory of Mind and Irony Comprehension in Parkinson's Disease

Monetta L. ¹, Grindrod C. ², Pell M. ³

¹ Laval University, Centre de Recherche Robert Giffard, Québec, QC, CANADA., ² University of Illinois at Urbana-Champaign, Department of Speech & Hearing Science, Champaign, IL, USA, ³ McGill University, School of Communication Sciences & Disorders, Montréal, QC, CANADA.

26. Techniques for Eliciting and Comparing Narratives Obtained Within Aphasia Community Groups

Georgiou A. ¹, Carozza L. ²

¹ Nova Southeastern University, ² St Johns University

27. Communication Across Dementia Progression

Astell A. , Birch S.

University of St. Andrews

28. How the Brain Grasps Pragmatic Meaning Through a Metaphorical Lens: fMRI and ERP Evidence in Favour of the Extra-linguistic Hypothesis

Bambini V.

Scuola Normale Superiore, Laboratory of Linguistics

29. Dialogue Inference Performance of Bilingual Brain-Damaged Subjects

Lu C.¹, Huang H.¹, Dronkers N.²

¹ National Hsinchu University of Education, Taiwan, ² VA Northern California Health Care System, Martinez, CA

Idioms and Formulaic Language

30. Language Decline in Alzheimer's Disease: The Influence of Age of Onset

Bridges K.¹, Sidits D.¹, Zeldin V.²

¹ New York University and Nathan Kline Institute, ² New York University

31. Script Generation in Mild and Moderate Alzheimer's Disease

Kojo P.¹, Pekkala S.¹, Erkinjuntti T.²

¹ Department of Speech Sciences, University of Helsinki, Finland, ² Department of Neurology, University of Helsinki, Helsinki, Finland

33. Measuring Conversation Change in People with Agrammatic Aphasia

Beeke S.¹, Cooper F.¹, Best W.¹, Edwards S.², Maxim J.¹

¹ Division of Psychology and Language Sciences, University College London, ² School of Psychology and Clinical Language Sciences, University of Reading

34. The Effects of Neurological Damage on Formulaic Language

Sidits D.

New York University

35. Formulaic Language in Alzheimer and Parkinson Speech

Rogers T.¹, Sidits D.¹, Sidits J.²

¹ New York University Department of Communicative Sciences and Disorders, Nathan Kline Institute for Psychiatric Research, ² Nathan Kline Institute for Psychiatric Research

Morphology

36. Does Word Morphology Affect Vocabulary Knowledge and Word Retrieval in Old Age?

Yafe R.¹, Kavé G.²

¹ *Department of Communication Disorders, Tel Aviv University,* ² *Department of Education and Psychology, The Open University*

37. Testing Cue-Cost and Cue-Validity Concepts on Inflectional Morphology-Error Pattern in a Kannada-Speaking Individual with Agrammatism

Karthikeyan S.¹, Datta H.², Karpur P.³, Obler L.²

¹ *First author, The Graduate Center, City University of New York, New York,* ² *The Graduate Center, City University of New York, New York,* ³ *MV Shetty College, Mangalore, India*

38. Compounds in Different Aphasia Categories: A Study on Confrontation Naming.

De Pellegrin S.¹, Battel I.², Garzon M.², Meneghello F.², Semenza C.¹

¹ *Department of Neuroscienze, Università di Padova, IRCCS Ospedale S. Camillo, Lido di Venezia, Italy,* ² *IRCCS Ospedale S. Camillo, Lido di Venezia, Italy*

39. The Mental Parsing of Italian Nominal Compounds: Evidence from Deep Dyslexia.

Marelli M.¹, Aggujaro S.², Molteni F.², Luzzatti C.¹

¹ *Department of Psychology, University of Milano-Bicocca,* ² *Centro di riabilitazione Villa Beretta, Costa Masnaga (LC)*

40. Morphological Therapy Protocol: New Therapy for Language Impairment after Stroke

Nault K.¹, Baayen H.¹, Libben G.²

¹ *University of Alberta,* ² *University of Alberta, University of Calgary*

41. Novel Compound Processing in Broca's Aphasia

Bose A.¹, Borgwaldt S.²

¹ *University of Windsor, Windsor, Canada,* ² *University of Braunschweig, Braunschweig, Germany*

Monday October 19

8:30am-10:00am

Platform Session 2: Semantics

42. The Influence of Phonological Competition on Lexical-Semantic Processing: Evidence from Aphasia

Olsen C.¹, Sweeney C.¹, Blumstein S.¹, Apfelbaum K.²

¹ *Department of Cognitive and Linguistic Sciences, Brown University,* ² *Department of Psychology, University of Iowa*

43. Contrasting Effects of Near and Distant Semantic Neighbors on Picture Naming in Aphasia

Mirman D.

Moss Rehabilitation Research Institute

44. Direct Evidence for Two Distinct Anatomical Circuits for Lexical-Conceptual Categories

Papagno C.¹, Gallucci M.¹, Caramazza A.², Casarotti A.¹, Bello L.³

¹ *Department of Psychology, University of Milano-Bicocca,* ² *CIMeC – Center for Mind/Brains Sciences, University of Trento,* ³ *Department of Neurological Science, University of Milano*

10:00am-12:00pm

Poster Session 2

Memory

45. Treating Phonological Short-Term Memory Impairments with Computer-Assisted Treatment: Results from Seven Cases.

Di Pietro M. ¹, Schneider L. ², Schnider A. ³

¹ Neurorehabilitation Service, University Hospital Geneva and University of Geneva, Switzerland, ² Neuropsychology and Neurorehabilitation Service, Centre Hospitalier Universitaire Vaudois and University of Lausanne, Switzerland, ³ Neurorehabilitation Service, University Hospital Geneva, Switzerland

46. Using Item Response Theory to Examine the Effects of Short-Term Memory Demands on Minimal Pair Discrimination

Hula W. ¹, Kalinyak-Fliszar M. ², Martin N. ²

¹ VA Pittsburgh Healthcare System, ² Temple University

47. Metamemory, Phonological Memory and Word Relearning in People with Aphasia: A Preliminary Investigation

Ramachandra V. , Jones J. , Flanagan K. , Bollinger N. , Reilly M.

Marywood University

48. Effects of Memory Load and Typicality of Semantic Category on Semantic Processing in Aphasia

Kamen R. , Martin N. , Kohen F. , Kalinyak-Fliszar M.

Temple University

49. Analysis of Sentence Repetition in Aphasia (part 1): System for Coding Responses

Gruberg N. , Martin N. , Afman R.

Temple University

50. Analysis of Sentence Repetition in Aphasia (part 2): Semantic Influence on Position and Type of Errors

*Martin N. , Gruberg N.
Temple University*

51. The Independence of STM Deficits and the Shifting Component of Executive Function

*Allen C. , Martin R.
Rice University*

Written Production

52. Patterns of Breakdown in Spelling in Primary Progressive Aphasia

*Sepelyak K. , Molitoris J. , Crinion J. , Epstein-Peterson Z. , Bann M. , Hillis A.
Johns Hopkins University School of Medicine*

53. Accessing allographic representation of letters but not their graphemic identity

*Volpato C. ¹, Meneghello F. ¹, Piron L. ¹, Semenza C. ²
¹ IRCCS San Camillo, Venice, Italy, ² 1) IRCCS San Camillo, Venice, Italy; 2) University of Padua, Italy*

54. Processing of Compound Nouns in Deep Dysgraphia: Limitations to Orthographic Autonomy

*Bormann T. ¹, Seyboth M. ², Grund C. ², Blanken G. ²
¹ Department of Neurology & Freiburg Brain Imaging, University Medical Center Freiburg, ² Erfurt University, Psycholinguistics*

55. Visuospatial Agraphia: A Case Report

*Krishnan G. , Tiwari S.
Manipal University*

56. Retention of Music Notation “Spelling” in a Semantic Dementia Patient

*Koenig P. ¹, Koenig A. ², Weinstein J. ¹, Gunawardena D. ¹, Grossman M. ¹
¹ Neurology Dept., University of Pennsylvania, ² Gillette, NJ*

57. Cross-Language Treatment Generalisation in Welsh-English Bilingual Dysgraphia

*Roberts J. , Tainturier M.
School of Psychology, Bangor University, Wales*

Phonology, Phonetics and Acoustics-1

58. Perceptual Discrimination of Shona Lexical Tones and Hums by Left and Right Hemisphere Damaged Patients

McLoddy K. ¹, De Bleser R. ¹, Mayer J. ²

¹ University of Potsdam, ² University of Stuttgart

59. The Treatment Effects of Phonological Complexity on Apraxia of Speech: An Implicit Alternative

Davis C. ¹, Farias D. ¹, Baynes K. ², Wittmann R. ³

¹ University of California, Davis, Medical Center, ² Department of Neurology, University of California, Davis, ³ California State University, Sacramento

60. Acoustic Analysis of Prosody for Normal and Aphasic Discourse of Cantonese Speakers

Lee A. ¹, Kong A. ², Law S. ³

¹ University College Cork, ² University of Central Florida, ³ University of Hong Kong

61. The development of a Standardized Assessment of Phonology in Aphasia.

Kendall D. ¹, Del Toro C. ², Nadeau S. ³, Rosenbek J. ², Johnson J. ², Velozo C. ²

¹ University of Washington, ² University of Florida, ³ University of Florida and VA Medical Center

62. White Matter Fiber Tracts for Phonological Processing

Kellmeyer P. ¹, Saur D. ², Peschke C. ³, Kappes J. ⁴, Ziegler W. ⁴, Baumgärtner A. ⁵

¹ Department of Neurology, University Medical Center Freiburg, Germany, ² Department of Neurology, University Medical Center Freiburg, ³ Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Germany, ⁴ Clinical Neurophysiology Group, Hospital Munich-Bogenhausen, Germany, ⁵ Department of Health Sciences, University of Applied Sciences Fresenius, Hamburg, Germany

63. Tomato to Baritood: The Source of Non-Words in Jargon Aphasia

Sampson M. , Faroqi-Shah Y.

University of Maryland-College Park

64. Phonemic Errors in Conduction Aphasia: Vowels versus Consonants.

Mori I. ¹, Pignatti R. ¹, Scaltritti M. ¹, Ceriani F. ¹, Luzzatti C. ², Semenza C. ³

¹ Istituto Auxologico Italiano, Verbania, Italy, ² Department of Psychology, University of Milano Bicocca, Italy, ³ Department of Neuroscience, University of Padova; IRCCS San Camillo, Lido di Venezia, Italy

65. Lesion Sites in Acquired Neurogenic Stuttering: Implications for Neural Models of Fluent Speech

Balasubramanian V. ¹, Max L. ²

¹ Seton Hall University, New Jersey, ² University of Washington, Seattle, Washington

66. The Phonetic Echoes of Deficits to Lexical Access

Goldrick M.

Department of Linguistics, Northwestern University

Noun and Verb Processing

67. Naming Proper Nouns from Sound and Vision: Analysing the Role of the Temporal Lobe with fMRI

Bethmann A. , Scheich H. , Brechmann A.

Leibniz Institute for Neurobiology, Magdeburg, Germany

68. Verb Retrieval and the Influence (or not) of Verb Argument

Van Ewijk L. ¹, Edwards S. ²

¹ University of Utrecht, Netherlands., ² University of Reading, UK

69. Do Noun and Verb Processing Really Recruit Spatially-Segregated Neural Circuits?

Crepaldi D. ¹, Berlingeri M. ¹, Cattinelli I. ², Borghese A. ², Paulesu E. ¹, Luzzatti C. ¹

¹ Department of Psychology, University of Milano-Bicocca, ² Department of Computer Science, University of Milan

70. Verb Retrieval and Inflection in Aphasia: Insights from Different Verb Classes in Greek

Koukouloti V. , Stavrakaki S.

Aristotle University of Thessaloniki

71. Improved Action Naming in a Severe, Nonfluent Aphasia Patient following Transcranial Magnetic Stimulation plus Constraint-Induced Language Therapy

Naeser M. , Martin P. , Treglia E. , Ho M. , Baker E. , Kaplan E.

Harold Goodglass Boston University Aphasia Research Center, Department of Neurology, Boston University School of Medicine and the Veterans Affairs Boston Healthcare System

72. fMRI Study with Error Analysis of Overt Action Naming by People with Chronic Aphasia

Postman-Caucheteux W. ¹, Meltzer J. ²

¹ Temple University, ² NIDCD/NIH

73. Electrophysiological Correlates of Nouns and Verbs: Effects of Task and Stimulus Characteristics

Druks J. ¹, Monjauze C. ², Tuomainen J. ³

¹ UCL Research Department of Linguistics, University College London, UK, ² Institute of Child Health, University College London, UK, ³ UCL Research Department of Speech Hearing and Phonetics, University College London, UK

74. Differential Effect of Constraint-Induced Aphasia Therapy on Noun Related/Non-Noun Related Verb Production.

Park Y. ¹, Goral M. ², Kristen M. ¹, Daniel D. ³

¹ Speech-Language-Hearing Sciences, The Graduate Center, The City University of New York, ² Speech-Language-Hearing Sciences, Lehman College, The City University of New York, ³ Communication Sciences and Disorders, Emerson College

Reading

75. Semantic Paralexias: Incidence and Underlying Linguistic Deficits in 343 Consecutive Italian-speaking Aphasics

Miceli G. ¹, Ciaghi M. ², Pancheri E. ²

¹ Center for Neurocognitive Rehabilitation, Center for Mind/Brain Studies, University of Trento (speaker), ² Center for Neurocognitive Rehabilitation, Center for Mind/Brain Studies, University of Trento

76. Word Stress Assignment in Surface Dyslexia: A Case Study in Slovenian

Makovac E. ¹, Semenza C. ²

¹ University of Trieste, Department of Psychology, ² University of Padova, Department of Neuroscience

77. Neural Response to Word and Pseudoword Reading after a Left Fusiform Gyrus Resection: An fMRI Investigation

Tsapkini K. , Rapp B.

Johns Hopkins University, Dept of Cognitive Science

78. Reading Compounds in Neglect Dyslexia

Semenza C.¹, Arcara G.², Facchini S.², Meneghello F.³, Ferraro M.⁴, Passarini L.⁵

¹ Department of Neuroscience, University of Padova, Italy, ² Department of General Psychology, University of Padova, Italy, ³ I.R.C.C.S. Ospedale S.Camillo, Lido di Venezia, Italy, ⁴ Azienda Ospedaliera di Padova, Italy, ⁵ R.C.C.S. Ospedale S.Camillo, Lido di Venezia, Italy

79. Are Reading Strategies in Aphasia Reflected by Eye Movements?

Schattka K.¹, Ablinger I.¹, Radach R.², Huber W.¹

¹ Section Neurolinguistics, Department of Neurology, RWTH Aachen University, ² Department of Psychology, Florida State University, Tallahassee, USA

12:00-2:00pm

Academy Luncheon

Speaker: Marc Hauser

Professor of Psychology, Organismic & Evolutionary Biology and Biological Anthropology,
Harvard University

“Evolving the Central Components of the Language Faculty”

2:00pm-4:00pm

Platform Session 3: Sentences and Sequences

80. Different Mechanisms for Role Assignment for Functional and Lexical Categories

Miozzo M.¹, Sanchez C.², Rapp B.²

¹ University of Cambridge, Johns Hopkins University, ² Johns Hopkins University

81. The Role of Phonological Working Memory in Sentence Comprehension: The Interaction Between Type of Processing and Output and Input Buffer Deficits

Gvion A.¹, Friedmann N.²

¹ Ono Academic College, Reuth Medical Center, Israel, ² Tel-Aviv University, Israel

82. Position Representation in Spelling and Verbal Working Memory

Fischer-Baum S. ¹, McCloskey M. ¹, Jones A. ², Folk J. ², Rapp B. ¹

¹ Johns Hopkins University, ² Kent State University

83. Selection for Position: The Role of Left Inferior Frontal Gyrus (LIFG) in Sequencing Nouns

Thothathiri M. ¹, Schwartz M. ², Thompson-Schill S. ³

¹ Moss Rehabilitation Research Institute & University of Pennsylvania, ² Moss Rehabilitation Research Institute, ³ University of Pennsylvania

4:00-6:00pm

Poster Session 3

Syntactic Representations and Processes-1

84. Errors Patterns in Sentence Comprehension Among Malay Adults with Aphasia: A Case Series Study

A Razak R. , A Aziz M. , Hassan M.

Department of Audiology and Speech Sciences, Faculty of Allied Health Sciences, Universiti Kebangsaan Malaysia, Kuala Lumpur

85. The Production and Comprehension of Grammatical Time Reference in Agrammatic Aphasia: A Cross Linguistic Study

Bastiaanse R. ¹, Bamyaci E. ², Hsu C. ², Lee J. ³, Yarbey Duman T. ¹, Thompson C. ³

¹ University of Groningen, The Netherlands, ² European Master's in Clinical Linguistics (EMCL), ³ Northwestern University, USA

86. Treating Specific Verbs May Impede Generalization in Non-fluent Aphasia

Kempler D. ¹, Goral M. ²

¹ Emerson College, ² Lehman College, CUNY

87. Neural Correlates of Functional Category Learning and Recovery: An fMRI Study of Verb Inflection Production

Kielar A.¹, Fix S.¹, Bonakdarpour B.¹, Parrish T.², Thompson C.³

¹ Northwestern University, Aphasia and Neurolinguistics Research Laboratory, ² Northwestern University, Department of Radiology, ³ Northwestern University, Aphasia and Neurolinguistics Research Laboratory, Department of Neurology

88. Constrained Sentence Production in Semantic Dementia

Graham N.¹, Rochon E.¹, Tang-Wai D.², Black S.³

¹ Department of Speech-Language Pathology, University of Toronto, ² Department of Medicine, University of Toronto, ³ L.C. Campbell Cognitive Neurology Research Unit, Sunnybrook Health Sciences Centre, Toronto

89. Chance in Agrammatic Sentence Comprehension – What Does It Really Mean? Evidence from Eye Movements of German Agrammatic Aphasics

Hanne S.¹, Sekerina I.², Vasishth S.¹, Burchert F.¹, De Bleser R.¹

¹ Linguistics Department, University of Potsdam, Potsdam, Germany, ² Psychology Department, College of Staten Island, City University of New York, New York, USA

90. Rehabilitation of a Pruned Syntactic Tree of an Italian Aphasic Patient

Pivi M.¹, Garzon M.², Cardinaletti A.¹, Meneghello F.³, Chinellato P.¹, Semenza C.⁴

¹ Ca' Foscari University, Venice, ² IRCCS San Camillo Hospital - Neurorehabilitation Department, Venice, ³ IRCCS San Camillo Hospital - Neurorehabilitation Department, Venice, ⁴ Neuroscience Department, University of Padua

91. Comprehension of Passive Sentences in a Bilingual Aphasic Speaker: Strategies Across the Language

Venkatesh M., Edwards S., Saddy D.

University of Reading, UK

92. Word and Sentence Production after Destruction of Broca and Wernicke Regions

Shankweiler D.¹, Conway Palumbo L.¹, Fulbright R.¹, Mencl W.¹, Van Dyke J.¹, Kollia B.¹, Thornton R.¹, Crain S.², Harris, K.S.¹

¹ Haskins Laboratories, ² Macquarie University

93. Predicting Outcomes for Linguistically-specific Sentence Treatment Protocols

Dickey M., Yoo H.

University of Pittsburgh

94. The assignment of gender in Greek: Evidence from aphasic and unimpaired adults.

Nerantzini M.¹, Papadopoulou D.², Varlokosta S.¹

¹ University of Athens, ² Aristotle University of Thessaloniki

95. Grammatical Gender Information: Where is it Stored and When is it Accessed?

Biran M.¹, Friedmann N.²

¹ Tel Aviv University, Haifa University, Loewenstein Rehabilitation Center, ² Tel Aviv University

96. Performance of Agrammatic and Non-aphasic Persons in Face-to-Face- versus Computer-Mediated Communication

Springer L.

School of Logopedics, University Hospital Aachen, Germany

97. On Applying the Relational and Accessibility Hierarchy to Oral Sentence Production of Aphasic Clients

Stark J. , Pons C. , Fonyad G.

Department of Linguistics, Austrian Academy of Sciences

98. Verb-Form Regularity Facilitates Copula Verb Production in Spanish Agrammatism

O'Connor Wells B.¹, Obler L.¹, Goral M.²

¹ CUNY Graduate Center- 365 Fifth Avenue, New York, NY 10016, USA, ² Lehman College- 250 Bedford Park Blvd., Bronx, NY 10468, USA

99. Double Dissociation between Tense and Agreement in an Arabic-Speaking Fluent Agrammatic Patient

Al-Kaabi M.¹, Idrissi A.², Béland R.³

¹ New York University / United Arab Emirates University, ² United Arab Emirates University, ³ Université de Montréal

Phonology, Phonetics and Acoustics-2

100. Influence of Word Stress in Patients with Apraxia of Speech

Aichert I. , Ziegler W.

Clinical Neuropsychology Research Group, Munich

101. Phrase-Level Reduction in Apraxia of Speech

Staiger A. , Ziegler W.

EKN – Clinical Neuropsychology Research Group, Munich

102. Bilingual Advantage in Lateralized Attention: Evidence from a Dichotic Listening Task

Soveri A.¹, Laine M.¹, Hämäläinen H.², Hugdahl K.³

¹ Department of Psychology, Åbo Akademi University, Finland, ² Centre for Cognitive Neuroscience, Department of Psychology, University of Turku, Finland, ³ Department of Biological and Medical Psychology, University of Bergen, Norway

103. The Neural Bases of Phonological Competition: Evidence from Aphasia

Sweeney C.¹, Blumstein S.¹, Apfelbaum K.²

¹ Department of Cognitive and Linguistic Sciences, Brown University, ² Department of Psychology, University of Iowa

104. Lexical and Post-Lexical Deficits in Bilingual Anomia

Munarriz A., Ezeizabarrena M.

University of the Basque Country

105. On the Role of Rapid Temporal Processing in Pure Word Deafness

Martin R.¹, Slevc L.¹, Hamilton A.¹, Joanisse M.²

¹ Rice University, ² University of Western Ontario

106. Acoustic and Linguistic Influences on Auditory Extinction

Wolmetz M., Rapp B.

Johns Hopkins University, Department of Cognitive Science

107. Neuro-Cognitive Processing of Pitch and Speech Rate Cues to Emotion: Evidence from Brain-Damaged Patients

Dara C., Pell M.

School of Communication Sciences & Disorders, McGill University

Lexical Access

108. Neural Correlates of Improved Picture Naming in Aphasia

Abel S.¹, Dressel K.¹, Saur D.², Weiller C.², Huber W.¹

¹ Neurolinguistics at the Department of Neurology, Medical Faculty, RWTH Aachen, ² Department of Neurology, University Medical Center Freiburg

109. Contrasting Word Retrieval Treatments for Semantic Anomia

*Raymer A. , Graham K. , Azevedo Z. , McHose B.
Old Dominion University*

110. Double Dissociation of Word and Number Processing in Auditory and Written Modalities: A Case Study

*Han Z. ¹, Shao A. ¹, Zhang Y. ², Bi Y. ¹
¹ State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, ² Department of Neurology, Tiantan Hospital, China*

111. Re-Assessment of Semantic Control Deficits in Stroke Patients using Blocked-Cyclic Naming and Comprehension Tasks

*Bi Y. ¹, Feng T. ¹, Wei T. ¹, Lin N. ¹, Tatiana S. ², Martin R. ²
¹ State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, ² Rice University*

112. Phonological Impairment as a Decay-Based Impairment: New Evidence from a Single Case Study

*Martinez Perez T. ¹, Majerus S. ², Van der Kaa M. ³, Boniver C. ², Poncelet M. ²
¹ Belgian National Fund for Scientific Research (FNRS), Department of Cognitive Sciences, University of Liège, Belgium, ² Department of Cognitive Sciences, University of Liège, Belgium, ³ Neuropsychological Rehabilitation Unit, University Hospital of Liège, Belgium*

113. Longitudinal Naming Performance in a Bilingual Patient with Primary Progressive Aphasia

*Friedman R. ¹, Carney A. ¹, Snider S. ¹, Eckmann C. ², Ullrich L. ¹, Lott S. ¹
¹ Georgetown University, ² Språk- og informasjonstjenester*

114. ERP Correlates of New Word Learning in Two Aphasic Patients

*Camén C. ¹, Morand S. ², Laganaro M. ³
¹ University Hospital & University of Geneva, Switzerland, ² Department of Psychology, University of Glasgow, UK, ³ University of Neuchâtel, Switzerland*

115. Lexical Competition Effects in Nonfluent Aphasia: Converging Evidence from Three Different Tasks.

*Wilshire C. ¹, Bareham C. ¹, Scott R. ²
¹ Victoria University of Wellington, New Zealand, ² Monash University, Victoria, Australia*

116. The Functional Locus of Word-finding Difficulties in Alzheimer's Disease: Insights from the Picture-word Interference Task.

*Keall L. ¹, Wilshire C. ², Savage G. ³, Lowndes G. ¹
¹ Monash University, Victoria, Australia, ² Victoria University of Wellington, New Zealand, ³ Macquarie University, New South Wales, Australia*

117. Impaired Number Word Production: A Bilingual Chinese-English Case Study

Bencini G.¹, Eng N.¹, Semenza C.²

¹Hunter College, City University of New York, ² University of Padova, Department of Neuroscience

118. Aged-Related Changes in Neurofunctional Networks for Verbal Fluency as a Function of Production Time

Marsolais Y.¹, Perlberg V.², Benali H.², Joanne Y.¹

¹ Centre de recherche, Institut universitaire de gériatrie de Montréal, Québec, Canada/ Département de psychologie, Université de Montréal, Québec, Canada, ² UMR-S 678, INSERM/UPMC, Faculté de médecine Pitié-Salpêtrière, Paris, France /5LINeM INSERM/UPMC/Université de Montréal

Tuesday October 20

8:30am-11:00am

Symposium 2: Lexical Retrieval and Aging: Implications for Aphasia

119. Lexical Retrieval and Aging: Implications for Aphasia

Obler L.¹, Goral M.², Rogalski Y.³, Kavé G.⁴, Neumann Y.⁵, Crosson B.³

¹ The Graduate School and University Center, The City University of New York, ² Lehman College and The Graduate School and University Center, The City University of New York, ³ University of Florida, ⁴ The Open University, Israel, ⁵ Queens College, City University of New York

120. Effects of Surface Detail and Environmental Context on Lexical Access in Visual Confrontation Naming in Aging

Rogalski Y.¹, Biun D.¹, Altmann L.², Rothi L.³, Reilly J.⁴

¹ Department of Communicative Disorders, University of Florida, ² Department of Communication Sciences and Disorders, University of Florida, ³ Brain Rehabilitation Research Center, VA Medical Center; Department of Neurology, University of Florida, ⁴ Departments of Communicative Disorders and Psychology, University of Florida

121. Frequency and Concreteness Effects in Spontaneous Noun Production

Kavé G.

Department of Education and Psychology, The Open University, Israel

122. Early Phonological Problems for Lexical Retrieval in the Elderly

Neumann Y.¹, Obler L.², Gomes H.³, Shafer V.²

¹ Queens College, City University of New York (CUNY), ² The Graduate Center, CUNY, ³ City College, CUNY

123. HAROLD and Lexical Retrieval: What is the Role of the Right Frontal Lobe?

Crosson B.¹, Wierenga C.², Meinzer M.³, McGregor K.¹, Benjamin M.³, Cohen M.³

¹ VA Brain Rehabilitation Research Center and University of Florida, ² University of California, San Diego, ³ University of Florida

11am-1pm

Poster Session 4

Laterality

124. A Dissociation of Laterality for Language Production and Comprehension in a Subcortical Aphasic Patient, Assessed with MEG and fMRI.

*Meltzer J. , Braun A.
NIDCD, NIH*

125. Automatic Activation of Affective Words in the Cerebral Hemispheres

*Abbassi E. , Joannette Y.
l'Institut universitaire de gériatrie de Montréal & Faculté de médecine, Université de Montréal*

126. The Lateralization of Math and Language: Agraphia and Acalculia in a Left-handed Patient with a Right Hemisphere Lesion.

*Chiarelli V. ¹, Menichelli A. ², Zadini A. ², Semenza C. ³
¹ Department of Neuroscience, University of Padova, Italy; ² S.C. Medicina Riabilitativa, Ospedali Riuniti di Trieste, Italy, ³ S.C. Medicina Riabilitativa, Ospedali Riuniti di Trieste, Italy, ³ Department of Neuroscience, University of Padova, Italy*

127. Hemispheric Roles in Perception and Production of Famous Proper Nouns

*Yang S. ¹, Sidtis D. ¹, Sidtis J. ²
¹ Department of Communicative Sciences and Disorders, New York University & Nathan S. Kline Institute for Psychiatric Research, ² Nathan S. Kline Institute for Psychiatric Research & Department of Psychiatry, New York University Medical School*

128. A Dual Task Investigation of Hemispheric Semantic Processing Following RH Release from Inhibition in Participants with LH Lesions.

*Smith E. ¹, Copland D. ², Angwin A. ¹, Chenery H. ³
¹The University of Queensland School of Health and Rehabilitation Sciences, ²The University of Queensland Centre for Clinical Research, & ³The University of Queensland, School of Health and Rehabilitation Sciences, ³The University of Queensland, Faculty of Health Sciences*

Treatment Methods and Impacts

129. A Language Teacher in the Labyrinth of Aphasia: A Kurdish-Persian Case

Ghafar Samar R. , Akbari M.

English Language Teaching Dept; Faculty of Humanities; Tarbiat Modares University

130. Factors Underlying Successful Use of a Computer-assisted Alternative Communication Program by People with Severe Aphasia

Nicholas M. ¹, Page Sinotte M. ², Helm-Estabrooks N. ³

¹ MGH Institute of Health Professions, ² University of Connecticut, ³ Western Carolina University

131. Treatment Induced Language Recovery in Chronic Aphasia: The Role of Non-domain Specific Brain Areas

Meinzer M. ¹, Menke R. ², Mohammadi S. ³, Floel A. ³, Deppe M. ³, Breitenstein C. ³

¹ University of Florida, ² Oxford University, ³ University of Münster

132. Functional Reorganization after Constraint-Induced Language Therapy in a Case of Wernicke's Aphasia

Kurland J. , Baldwin K. , Tauer C.

University of Massachusetts Amherst

133. Photography as a Means of Expression: Performance as Related to Aphasia Severity and Nonverbal Cognitive Status

Helm-Estabrooks N. ¹, Roe D. ², Whiteside J. ³, Queen J. ², Drew R. ¹

¹ Western Carolina University, ² Rollins College, ³ Central Florida University

134. Comprehension, Maintenance, and Generalization after Treatment for Anomia in Semantic Dementia

Jokel R. , Anderson N.

Baycrest-KLARU, University of Toronto

135. Issues in the Management of Subjects with Aphasia in India: A Survey

Tiwari S. , Krishnan G.

Manipal University

136. Functional Impact of CILT in Early Aphasia Rehabilitation: A Case Study

Kirmess M.¹, Maher L.²

¹ Departement of Special Needs Education, University of Oslo, ² Department of Communication Sciences and Disorders, University of Houston

137. Adaptive Interaction: Communicating with People with Very Advanced Dementia Using Imitation

Ellis M. , Astell A.

University of St. Andrews

138. Effects of Intensive Aphasia Therapy on the N400: Evidence from Chronic Aphasics

Newman A.¹, O'Rourke H.², Wozniak L.³, Kosotopoulos E.³, D'Arcy R.⁴, Marchand Y.⁴

¹ Departments of Psychology, Psychiatry, & Surgery, Institute of Neuroscience, Dalhousie University, ² Department of Psychology, Dalhousie University, ³ School of Human Communication Disorders, Dalhousie University, ⁴ National Research Council Insititute for Biodiagnostics (Atlantic)

139. Investigating Speech as a Source of Biomarkers for Changes in Cognition, Executive Function and Mood

Pénard N. , Counihan S. , D'Arcy S. , Rapcan V. , Reilly R. , Robertson I.

Trinity College Dublin

Syntactic Representations and Processes-2

140. Syntactic and Memory-Based Effects in Aphasic Agreement

Slevc L. , Banneyer K. , Martin R.

Rice University

141. Neural Correlates of Storage and Computational Costs in Sentence Comprehension

Woodbury R.¹, Caplan D.²

¹ Neuropsychology Lab, Neurology, MGH; Speech and Hearing Sciences, MIT, ² Neuropsychology Lab, Neurology, MGH

142. Treating Written Verb and Written Sentence Production in an Individual with Aphasia: A Clinical Study

Salis C. , Edwards S.

University of Reading

143. Neuroplasticity and Recovery from Aphasia: Treatment-Induced Recovery of Verbs and Sentence Production

*Riley E. , Den Ouden D. , Lukic S. , Thompson C.
Northwestern University*

144. Neural Basis of On-Line Processing of Words and Sentences in Aphasia Revealed by Voxel-Based Lesion-Symptom Mapping

*Schneider L. ¹, Spierer L. ¹, Grosjean F. ², Clarke S. ¹
¹ Neuropsychology and Neurorehabilitation Service, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland, ² Language and Speech Processing Laboratory, University of Neuchâtel, Switzerland*

145. Structurally Primed Passive Sentence Production in Agrammatic Aphasia: An Eyetracking Study

*Cho S. , Thompson C.
Northwestern University*

146. The Effects of Distance on Reading Sentence Processing in Persons with Aphasia and Normal Individuals.

*Sung J. , McNeil M. , Dickey M.
University of Pittsburgh*

147. The Role of the Left Inferior Frontal Gyrus in Sentence Composition: Connecting fMRI and Lesion-Based Evidence

*Piñango M. , Finn E. , Lacadie C. , Constable T.
Yale University*

Conceptual and Semantic Processing

148. Abstract and Concrete Noun Processing in Healthy Older Adults using fMRI

*Sandberg C. , Kiran S.
Boston University Sargent College*

149. Syntactic Structural Recursion or ‘Theory of Mind’ Type Embeddings in Aphasia

*Bánréti Z. ¹, Zsitvai M. ²
¹ Research Institute for Linguistics of the Hungarian Academy of Sciences, Budapest, Hungary, ² Technical University, Budapest, Hungary*

150. Probing Semantic Memory with a Computerized Sorting Task

Kar J.¹, Den Hollander J.², Clark D.³

¹ University of Alabama at Birmingham, ² University of Alabama at Birmingham Department of Medicine, ³ Birmingham VA Medical Center & University of Alabama at Birmingham Department of Neurology

151. Lexical vs. Compositional Semantics: Syntax and Quantifier Scope in Aging and Semantic Dementia

Clark D.¹, Kar J.²

¹ Birmingham VA Medical Center and University of Alabama at Birmingham, ² University of Alabama at Birmingham

152. Nicotinic Modulation of Strategy-Based Semantic Priming in PD

Holmes A.¹, Copland D.¹, Silburn P.², Chenery H.³

¹ University of Queensland Centre for Clinical Research, & University of Queensland, School of Health and Rehabilitation Sciences, ² University of Queensland Centre for Clinical Research, St Andrew's War Memorial Hospital, & The Welsey Hospital, ³ University of Queensland, School of Health and Rehabilitation Sciences

153. Processing the same action-related stimuli in verbal and nonverbal tasks: evidence for dissociable modality-dependent representations in aphasics

Papeo L., Mengotti P., Negri G., Rumiati R.

International School for Advanced Studies - SISSA, Trieste

154. Mapping Language and Action in the Brain: Evidence from Aphasia and Apraxia.

Mengotti P.¹, Negri G.¹, Corradi-Dell'Acqua C.¹, Trincia E.², Zadini A.³, Rumiati R.¹

¹ SISSA, Trieste, Italy, ² U.C.O. di Radiologia, Università degli Studi di Trieste, Italy, ³ S.C. Medicina Riabilitativa, Ospedali Riuniti di Trieste, Italy

155. Do Abstract and Concrete Concepts Have Different Representational Frameworks? Further Evidence from Another Case of Refractory Semantic Access Disorder.

Hamilton A., Schnur T., Martin, R.

Rice University

156. Shared Feature and Associative Semantic Errors in Aphasic Word Production

Nickels L.¹, Best W.², Williamson L.³, Etzien M.³, Burmester J.³

¹ Macquarie Centre for Cognitive Science (MACCS), Macquarie University, Sydney, ² University College London, ³ Potsdam University, Germany & Macquarie University, Sydney

157. Neural Correlates of Semantic Feature Analysis in Chronic Aphasia: Brain Plasticity Mechanisms Induced by Therapy Influenced by Pre-existing Networks.

Marcotte K.¹, Damien B.², De Préaumont M.², G n reux S.², Hubert M.², Ansaldo A.¹

¹ CRIUGM, ² IUGM

158. Profound Jargon Aphasia with Preserved Semantic and Gestural Processing: A Case Study.

*Kohen F. , Martin N.
Temple University*

2:00pm-4:00pm

Platform Session 4: Neural Bases of Language

159. Lesion Localization of Chronic Aphasia Syndromes

*Dronkers N. ¹, Baldo J. ², Ogar J. ³, Wilkins D. ³, Ludy C. ³, Arevalo A. ³, Knight R. ⁴
¹ VA Northern California Health Care System/UC Davis/UC San Diego, ² VA Northern California Health Care System, ³ VA Northern California Health Care System/UC Davis, ⁴ UC Berkeley*

160. Areas of Ischemia Associated with Semantic vs. Phonological Errors in Auditory Comprehension

*Pitz E. ¹, Rogalsky C. ², Pawlak M. ³, Hickok G. ⁴, Hillis A. ¹
¹ Johns Hopkins U School of Medicine, ² University of Southern California, ³ University of Pennsylvania, ⁴ University of California Irvine*

161. Anatomical Correlates of Spelling Errors in Primary Progressive Aphasia

*Crinion J. ¹, Sepelyak K. ², Molitoris J. ², Epstein-Peterson Z. ², Leigh R. ², Davis C. ², Hillis A. ²
¹ UCL, London, ² Johns Hopkins, USA*

162. Anterior Temporal Involvement in Semantic Word Retrieval: VLSM Evidence from Aphasia

*Schwartz M. ¹, Kimberg D. ², Walker G. ¹, Faseyitan O. ², Brecher A. ¹, Dell G. ³, Coslett H. ^{2,1}
¹ Moss Rehabilitation Research Institute, ² Department of Neurology, University of Pennsylvania, ³ University of Illinois, Urbana-Champaign*