

The 44th Annual Meeting of the Academy of Aphasia Victoria, British Columbia 15th – 17th October 2006

Sunday 15th October

8:00 – 8:30 Registration

8:30 – 10:30 Platform Session 1

Treatment and learning: Aphasia

Chair: Nadine Martin

New word learning in aphasic patients: Dissociating phonological and semantic components. (P. Gupta, N. Martin, B. Abbs, M.F. Schwartz, J. Lipinski)

Significance and possible mechanisms underlying generalization in aphasia therapy: Semantic treatment of anomia. (S.E. Nadeau, D.L. Kendall)

Behavioral and neural changes after phonological treatment for anomia. (E. Rochon, C. Leonard, L. Laird, H. Burianova, P. Soros, S.J. Graham, C.L. Grady)

An implicit phonological intervention in an individual with apraxia of speech: A preliminary analysis. (C.H. Davis, D. Farias, A. Bord, K. Baynes)

10:30 – 11:00 COFFEE BREAK

11:00 – 12:30 Platform Session 2

Assessment in aphasia

Chair: Marie-Joséphe Tainturier

Analyzing verbal communicative behavior of left- and right-brain lesioned clients on the ANELT. (J. A. Stark, H-K. Stark, C. Pons, S.M. Viola)

Measuring premorbid IQ in aphasia using indirect lexical access. (E. Leritz, R. McGlinchey, L. Grande, K. Lundgren, W. Milberg)

Assessing noun naming impairments in bilingual aphasia. (S. Croft, J. Marshall, T. Pring)

12:30 – 2:00 LUNCH

2:00 – 3:30 Poster Session 1

Dyslexia and Dysgraphia

Isolated graphia: A cognitive-neuropsychological analysis. (V. Balasubramanian)

Using repetition priming to improve oral reading in phonological text alexia. (A.J. Sperling, S.N. Lott, N.L. Watson, R.B. Friedman)

Types of dyslexia in aphasia: A multiple single-case study in a shallow orthography language. (C.Luzzatti, A. Toraldo, G. Zonca, B. Cattiani, P. Saletta)

Deep dysgraphia: Evidence for a summation account of written word production. (B.S. Weekes)

Dissociated written and oral naming: A case study. (K. Bowes, N. Martin)

Reading therapy in deep dyslexia. (R. Konecny, S.L. Armstrong, N. Martin)

Delayed naming cancels the word length effect in developmental dyslexia. (P. Zoccolotti, M. DeLuca, A. Judica, C. Burani)

Naming of real and pseudo-characters with free standing and non-free-standing phonetic radicals by Cantonese dyslexic individuals. (S-P. Law, B.S. Weekes, W. Wong)

Separate orthographic representations for reading and spelling? Evidence from a case of preserved lexical reading and impaired lexical spelling. (M-J. Tainturier, S. Schiemenz, E.C. Leek)

Semantic dementia without surface dyslexia in Portuguese. (M.L.H. Senaha, P. Caramelli, R. Nitrini, H. Charchat-Fichman, B.S. Weekes)

Prosody

Decomposing prosody: Use of prosodic features for detection of syntactic structure and speech affect by patients with right hemisphere lesions. (K.J. Hoyte, H. Brownell, L. Vessly, A. Wingfield)

Perception of segmental stress patterns in Parkinson's disease. (R. Berkowitz, J. Reilly, M. Grossman)

Sensitivity to metrical stress patterns in word recognition in individuals with left and right hemisphere brain damage. (S.H. Abada, S.R. Baum)

Effects of right-hemisphere damage on explicit and implicit processing of emotional prosody. (C. Dara, M.D. Pell)

A perceptual investigation of intonation categories in patients with unilateral left and right hemisphere damage. (S.A. Seddoh)

Treatment

Responsiveness to phonemic cuing versus semantically related multiple-choice in Alzheimer's disease. (B. Purves, J. Small)

Treating perseveration improves naming in aphasia. (Y. Tanaka, M.L. Albert, K. Fujita, C. Nonaka, E. Yokoyama)

Structured language treatment improves social communication in chronic aphasia.
(D. Kempler, M. Goral, K. Tison)

Assesment

Evaluation in stroke narratives: A study in aphasia. (H. Ulatowska, G. Olness, M. Keebler, J. Tillery)

The Alberta Language Function Assessment Battery. (C. Westbury)

Right Hemisphere Damage

Maintenance of activation for subordinate semantic features of nouns after right hemisphere brain damage in adults. (C. A. Tompkins, W. Fassbinder, V.L. Scharp, K. Meigh)

“Theory of Mind” in adults with right hemisphere brain damage. (C.A. Tompkins, V.L. Scharp, W. Fassbinder, K. Meigh, E.M. Armstrong)

A metaphor comprehension intervention for patients with right hemisphere brain damage: A pilot study. (K. Lundgren, H. Brownell, S. Roy, C. Cayer-Meade)

Anomalous crossed aphasia in a patient with congenital lesion in the right hemisphere (S.C. Bhatnagar, S. Imes, T. Puglishi-Creegan, H.W. Buckingham)

3:30 – 5:30 Platform Session 3

Agrammatism

Chair: Hugh Buckingham

Automatic processing of wh- and NP-movement in agrammatic aphasia: Evidence from eyetracking. (M.W. Dickey, C.K. Thompson)

Object scrambling and finiteness in Turkish agrammatic production. (T. Yarbay Duman, G. Aygen, N. Özgirgin, R. Bastiaanse)

Don't give an affirmative order. A negative one is easier! (E. Rossi, R. Bastiaanse)

Functional category production in agrammatism: Treatment and generalization effects. (C. K. Thompson, L.H. Milman, M.W. Dickey, J.E. O'Connor, B. Bonakdarpour, S.C. Fix, J.J. Choy, D.F. Arcuri)

Monday 16th October

8:00 – 10:00 Platform Session 4

Neural correlates of semantic processing

Chair: Ana Inés Ansaldo

The role of left inferior frontal gyrus (LIFG) in semantic short-term memory: A comparison of two case studies. (L.H.F. Barde, M.F. Schwartz, S. Thompson-Schill)

Where (in the brain) do semantic errors come from? (A.E. Hillis, P. Chaudhry, C. Davis, J. Kleinman, M. Newhart, J. Heidler-Gary)

An investigation of the language functions of the left fusiform gyrus. (K. Tspkani, B. Rapp)

Semantic category dissociations and the fusiform gyrus: Observations on stroke patients. (E. Capitani, M. Laiacona, R. Capasso, P. Zampetti, R. Pagani, G. Miceli)

10:00 – 10:30 COFFEE BREAK

10:30 – 12:30 Platform Session 5

Studies of semantic access

Chair: Hugh Buckingham

Facilitation, interference, and learning in blocked-cyclic lexical-access paradigms. (E.Y. Lee, M.F. Schwartz, F. Kohen, N. Martin)

Effects of competitor words on production in a case of nonfluent aphasia. (C. Wilshire, R. Scott, E.J. Stuart)

Refractory access disorders and the organization of concrete and abstract concepts: An attempt to replicate. (A.C. Hamilton, H.B. Coslett)

Activation vs. inhibition accounts of semantic blocking effects in production and comprehension. (K. Biegler, J.E. Crowther, R. C. Martin)

12:30 – 2:00 ACADEMY LUNCHEON

Disorders of Emotional Communication

Luncheon speaker: Kenneth M. Heilman, M.D.

**The James E. Rooks Jr. Distinguished Professor of Neurology
College of Medicine, University of Florida**

2:00 – 3:30 Poster Session 2

Semantic

The relationship between semantic integrity and recall of known and unknown words and nonwords: Preliminary data from Chinese aphasic individuals. (W. Wong, S-P. Law)

Processing of denotative and connotative alternative meaning of words after left- and right- hemispheric lesion. (U. Nocentini, K. Kahlaoui, P. Roberts, K. Eck, F. Giroux, P. Goulet, Y. Joannette)

Priming of semantic features in Parkinson's disease. (A.J. Angwin, H.J. Chenery, D.A. Copland, W.L. Arnott, R. Grattan, B.E. Murdoch, P.A. Silburn)

Semantic attributes of iconic gestures in fluent and non-fluent aphasic adults. (S. Carlomagno, C. Cristilli)

Verifying the multiple semantic systems hypothesis: A study in degenerative dementia. (C. Sparta, S. Castiglioni, M. Zuffi, M. Franceschi, C. Luzzatti)

Lexical Processing

The dissociability of morphological processing and lexical access. (S. Fischer-Baum, J. Postman, M. Miozzo)

Gender difference in phonological processing of words: Left-handers are distinctive. (T. Tremblay, J. Ansado, Y. Joannette)

Word morphology and lexical comprehension in Williams syndrome. (C. Burani, D. Bimonte, L. Barca, S. Vicari)

Recursion and aphasic sentence comprehension. (D.G. Clark)

Sentence comprehension and task effects in aphasia. (C. Salis, S. Edwards)

Inference generation ability during story comprehension in adults with Parkinson's disease. (L. Monetta, C.M. Grindrod, M.D. Pell)

The role of cognitive mechanisms in sentence comprehension in Dutch speaking Parkinson's disease patients: Preliminary data. (K. Colman, J. Koerts, M. van Beilen, K.L. Leenders, R. Bastiaanse)

Semantic distraction effects on picture identification in aphasia. (L.L. LaPointe, J.A.G. Stierwalt, A.B. Hancock, G.R. Heald, R. Goff)

Naming

Naming abilities in spontaneous speech in Parkinson's and Alzheimer's disease. (R. Pignatti, F. Ceriani, L. Bertella, I. Mori, C. Semenza)

Effects of cafeteria noise on generative naming: Cross-cultural differences. (L.L. LaPointe, S-P. Law, A. P-H. Kong)

Age of acquisition effects on action naming in progressive fluent aphasia. (V. Bradley, R. Davies, B. Parris, I Fan Su, B.S. Weekes)

Naming actions and objects in dementia. (B.A. Parris, B.S. Weekes)

Visual-acoustic mapping in posterior cortical atrophy: Evidence from a single case study. (K. Cross, J. Reilly, M. Grossman, M. Work)

Picture naming in Alzheimer's disease: The role of episodic memory. (J. Small, N. Sandhu)

A connection-strength analysis of partial recovery from severe naming impairment. (A.R. Brecher, P.R. Sobel, M.F. Schwartz)

3:30 – 5:30 Platform Session 6

Neuroanatomical and neurophysiological studies of language impairment

Chair: Nadine Martin

Electrophysiological effects of a neuropharmacological treatment in aphasia.
(G.A. Stefanatos, A. Gershkoff, W.Q. Joe, Y. Ieuji)

Evidence for discrete phonological representations in production: Ultrasound
imaging of aphasic speech. (A. Buchwald, B. Rapp, M. Stone)

Speech and language functions that depend on Broca's area (C. Davis,
J.T. Kleiman, M. Newhart, J. Heidler-Gary, A.E. Hillis)

A case of “crossed” semantic dementia with evidence from VBM and SPECT.
(A. Duong, J. Chen, C. Bocti, N. Kelner, H. Chertkow)

Tuesday 17th October

8:00 – 10:00 Platform Session 7

Language impairment in progressive neurological disorders

Chair: Daniel Kempler

Acoustic-phonetic processing in semantic dementia. (S. Kwok, J. Reilly, M.
Grossman, M. Work)

Stability of lexical deficits in primary progressive aphasia: Evidence from natural
language. (K. Hird, R. Brown, K. Kirsner)

Computer-based intervention for anomia in progressive aphasia. (R. Jokel,
J. Cupit, E. Rochon, C. Leonard)

Strategy prompts increase verbal fluency in people with Alzheimer’s disease.
(A.J. Astell, R.S. Bucks)

10:00 –10:30 COFFEE BREAK

10:30 –12:30 Platform Session 8

Lexical Processing

Chair: Evy Visch-Brink

Object and action word processing in Chinese stroke patients with or
without executive function impairment: A neuropsychological case-control study.
(J.T.H. Yip, S-P. Law, H-C. Chen, L.S.W. Li)

A noun-relative-to-verb deficit in accessing an intact word form.
(A. Menichelli, C. Semenza)

Concreteness effects in lexical processing of semantic dementia. (J. Reilly,
M. Grossman, G. McCawley)

Typicality within well defined categories in aphasia. (S. Kiran, S. Shamapant, S. Key DeLyria)

12:30 – 2:00 LUNCH

2:00– 3:30 Poster Session 3

Agrammatism

Negation in agrammatism: Evidence from Greek. (V. Fyandis, K. Tsapkini, S. Varlokosta, K. Petropoulou, I. Papatthanasidou)

Subject and object relative clauses in Italian: Normal subjects and an agrammatic patient. (S. Carminati, M.T. Guasti, H. Schadee, C. Luzzatti)

Morphophonological structure and agrammatic regular/irregular past-tense production. (S. Fix, C.K. Thompson)

Verbs

Phonological markedness effects the production of verb inflections. (D-B. den Ouden, C.K. Thompson)

Noun-verb dissociation in aphasia: Type/token differences in the analysis of spontaneous speech. (C. Luzzatti, C. Ingignoli, D. Crepaldi, C. Semenza)

Short term memory

Is syntactic complexity processing limited by the phonological loop capacity? Evidence from a STM patient. (C. Papagno, C. Cecchetto)

Two effects of time passage on performance of phoneme discrimination judgments: Sometimes it helps and sometimes it hurts. (N. Martin)

The role of phonological working memory in phonological alexia. (E.M. Christy, N.L. Watson, R.B. Friedman)

Effects of lexicality and short-term memory span on performance of rhyming judgment tasks: Evidence from aphasia. (M. Kalinyak-Fliszar, F. Kohen, N. Martin)

Bilingual

Bilingual false recollection: An EEG study. (A. Ibanez Molina, I Fan Su, C. Knight, R. Holliday, B.S. Weekes)

Traumatic Brain Injury

The impact of mild traumatic brain injury (mTBI) on language function: More than meets the eye? (B-M. Whelan, B.E. Murdoch)

Lifespan

Long-term linguistic deficits subsequent to stroke in children. (K.M. Docking, B.E. Murdoch)

Cognitive-flexibility in macrostructure processing by older adults.
(L.J. Williams-Hubbard)

Adapting the time of presentation for lexical decision in aging. (S. Racicot,
K. Kahlaoui, Y. Joannette)

Imaging

Nonverbal semantic decisions with actions in chronic, moderate-to-severe nonfluent aphasia: An fMRI investigation. (J. Kurland, M.A. Naeser, K. Doron, A. Bogdan, E. Baker, P. Martin, D.S. Kim)

Hemispheric specialization for the semantic processing of words: A near-infrared spectroscopy (NIRS) study. (K. Kahlaoui, F. Lesage, N. Senhadji, H. Benali, Y. Joannette)

Cortical focus of semantic composition: An fMRI study. (M.M. Piñango, E. Zurif, C.L. Palumbo, S. Gruber, D. Yurgelun-Todd)

An optical imaging study of semantic and syntactic processing by bilinguals. (L.C. Scherer, F. Giroux, F. Lesage, N. Senhadji, H. Benali, A.I. Ansaldo)

The electrophysiological basis of mass and count nouns processing. (R.E. Yagoubi, S. Mondini, P. Bisiacchi, V. Chiarelli, A. Angrilli, C. Semenza)

The neuropsychological basis of the Chinese mental lexicon: An ERP study using LORETA. (S.X. He, W.G. Yin, Y.J. Luo, B.S. Weekes)

The neural correlates of narrative discourse: An investigation using arterial spin labeling. (V. Troiani, S. Ash, J. Reilly, M. Grossman)

The neural correlates of therapy with semantic feature analysis in chronic anomia: an event related fMRI study. (K. Marcotte, P. Vitali, A.P. Delgado, A.I. Ansaldo)

Identity priming of the m350 response: A single trial analysis approach. (L. Zipse, K. Kearns, A. Marantz)

3:30 – 5:30 Platform Session 9

Studies of word retrieval in aphasia

Chair: Marie-Joséphe Tainturier

The effect of repetition priming on picture naming accuracy and latency in individuals with aphasia. (M.A. Rogers, C.A. Off, J. Silkes)

Retrieval of compound words in picture naming: A study in Alzheimer's disease and in aphasia. (V. Chiarelli, A. Menichelli, C. Semenza)

Aphasic picture-naming errors reveal the influence of lexical variables on production stages. (A.K. Kittredge, G.S. Dell, M.F. Schwartz)

Object vs. action naming: A double dissociation? (S. Mätzig, J. Druks)

5:30 Close of Conference