

Lorraine Komisarjevsky TYLER

PUBLICATIONS

a) Books

- Frauenfelder, U.H., & Tyler, L.K. (Eds.) (1987). *Spoken Word Recognition*. Bradford Books/MIT Press. Originally a Special Issue of *Cognition* edited by Tyler & Frauenfelder.
- Tyler, L.K. (1992). *Spoken language comprehension: An experimental approach to disordered and normal processing*. Cambridge, MA: MIT Press.
- Moore, B.C.J., Tyler, L.K., & Marslen-Wilson, W.D. (Eds.) (2009) *The perception of speech: from sound to meaning*. Oxford University Press. Originating from a Theme Issue of *Philosophical Transactions of the Royal Society B: Biological Sciences*.

b) Journal articles and book chapters

1975

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- Tyler, L.K., & Marslen-Wilson, W.D. (1981). Children's processing of spoken language. *Journal of Verbal Learning and Verbal Behaviour*, 20, 400-416.
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- Tyler, L.K., & Marslen-Wilson, W.D. (1982). Processing utterances in discourse contexts. *Journal of Semantics*, 1, 297-314.
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- Tyler, L.K., Shafto, M.A., Randall, B., Wright, P., Marslen-Wilson, W.D., Stamatakis, E.A. (in press) Preserving syntactic processing across the adult life span: The modulation of the

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- Acres, K., Stamatakis, E.A., Taylor, K.I., & Tyler, L.K. (2007). How do we construct meaningful object representations? The influence of perceptual and semantic factors in the ventral object processing stream. *Journal of Cognitive Neuroscience*, Supplement: D67.
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- Clarke, A., Taylor, K.I., & Tyler, L.K. (2009) Recurrent activity in the ventral stream supports recognition of visual objects. *Journal of Cognitive Neuroscience*, 21, Supplement: F76.
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INVITED PRESENTATIONS (SINCE 1994)

Theoretical and Experimental Neuropsychology (TENNET), Montreal, May 1994. Symposium on Agrammatism.

- Language disorders and syntactic processing*. Experimental Psychology Society, Exeter, July 1994.
- Understanding the spoken word*. Neuroscience for Clinicians 4, Jesus College, Cambridge, September 1994.
- Imageability effects in word repetition and naming*. Cognitive Science Lexical Processing Workshop, University of Arizona, November 1995.
- Category-specific deficits and conceptual structure: Drawing distinctions and identifying similarities* (Moss, H.E., Tyler, L.K., & Morris, J.). International conference on memory; Symposium on memory impairments, Padua, July 1996.
- "Two eyes of a see-through". What can brain damage tell us about semantic memory?* British Psychological Society, London, December 1996 (keynote address).
- Category-specific deficits following brain damage: An integrated account*. Third International Workshop on Cognitive Research of Language, Beijing, China, April 1997 (keynote address).
- Rules in the brain? Architectures and mechanisms for language processing*, Edinburgh, Sept 1997 (keynote address).
- The instantiation of meaning in the brain*. Glaxo-Wellcome Lecture Series on Cognitive Neurology. Institute of Neurology, October 1997.
- Category specific semantic deficits: Evidence for distributed or modular neural systems?* International Neuropsychology Symposium, Arachon, June 1999.
- Concepts, categories and the brain*. Australian Speech and Language conference, Melbourne, November 1999 (keynote address).
- Psycholinguistics and aphasia*. Conference of the International Clinical Phonetics and Linguistics Association, Edinburgh, August 2000 (keynote address).
- Concepts, categories and domains of knowledge: towards a distributed account*. The Third international conference on memory, Valencia, July 2001.
- The structure of conceptual knowledge*. British Academy meeting on "Conceptual knowledge: developmental, biological, functional and computational accounts", London, May 2002.
- Meaningful models of word recognition*. Joint meeting of the Belgian & UK Experimental Psychology Society, Leuven, July 2002 (keynote address).
- Language and the brain: the past tense*. CMI workshop on "Morphology in Mind and Brain", Cambridge, Sept 2002.
- Neural differentiation in the language system*. Office of Science & Technology Foresight Cognitive Systems, EPS, London, Jan 2003.
- Neural differentiation in the language system: the past tense*. Aix workshop on morphology. Aix en Provence, Sept 2003.
- The conceptual structure of cabbages and things*. Academy of Aphasia, Vienna, 2003.
- How concepts are represented and processed in the brain*. Efron Distinguished Lecture Series in Linguistics and Cognitive Science, Pomona College, USA, 2004.
- The structure of concepts and the concept of structure: biological and functional accounts of conceptual knowledge*. Neuroscience Distinguished Lecture series, USC, USA, 2004.
- Correlation & distinctiveness in conceptual structure*. Workshop on: Formal models of conceptual knowledge, Leuven, July 2004.
- Psycholinguistics 40 years on*. Festschrift in honour of Prof John C. Marshall, Oxford University, Sept 2004.
- Modulation of the fronto-temporal language system: the past tense*. European thematic network on Language and Cognition: Speech perception & cognition, Toulouse, Oct 2004.
- Process-driven neural activation for visual objects in inferior temporal cortex*. Symposium: Domain-versus process-specificity in visual recognition, Cognitive Neuroscience Society Meeting, NYC, April 2005. (plenary session).
- Conceptual structure and object processing within the ventral stream*. Workshop on "Domain specificity". Institute of Cognitive Neuroscience, April 2005.
- Conceptual structure and hierarchical object processing: the role of anteromedial temporal cortex*. Symposium: Functional organisation of the object processing pathway, Society for Neuroscience, Washington, DC, Nov 2005.
- Functional specialisation within the neural language system*. Symposium on: Modes of organisation of cortex for cognitive functions, World Federation of Neurology, Buenos Aires, March 2006.
- The resilient brain: language and aging*. Clare College alumni conference, Cambridge, June 2006.
- The fronto-temporal language system: issues of reorganisation and plasticity*. Symposium on: Language from a brain perspective, Forum of European Neuroscience Society, Austria, July 2006.
- Language disorders following stroke*. Neuroscience Horizon conference, Cambridge, October 2006.
- Object processing in the ventral temporal stream: the interaction of process and content*. Conference of Sino-Western Exchange in Cognitive Neuroscience (Beijing University & MIT), Beijing, China, October 2006.
- Brain connections*. Mind/Brain Sciences in the 21st Century, CiMEC, Italy, March 2007.

- The resilient brain: neural atrophy and cognition in ageing.* Neuroscience Horizon conference, Cambridge, December 2007.
- The Ageing Brain.* Cambridge Science Festival, March 2008.
- Functional neuroanatomy of conceptual knowledge.* Language and the Brain, University of California at Davis, April 2008 (keynote).
- Object processing in the ventral stream.* International Neuropsychology Society, Tenerife, June 2008.
- The resilient brain: neural atrophy and healthy cognitive aging.* ESRC/NiA USA workshop on Social Neuroscience of aging, London, July 2008.
- Neurocognition of conceptual knowledge.* From Neuron to Language, Institute of Advanced Studies, University of Durham, October 2008 (keynote).
- Conceptual structure and hierarchical object processing: the role of anteromedial temporal cortex.* CNRS, Toulouse, November 2008.
- Disorders of semantic memory, 27th European Workshop on Cognitive Neuropsychology,* Bressanone, January 2009 (plenary).
- Modulation of the fronto-temporal language system by different grammatical markers: European Science Foundation meeting: Words in Action,* Pisa October 2009 (plenary).

CONFERENCES ORGANISED (SINCE 1995)

- American Academy of Aphasia.* London, 1997.
- British Academy meeting:* "Conceptual knowledge: developmental, biological, functional and computational accounts". Followed by *Novartis Foundation* Discussion meeting. London, 2003.
- Cognitive Neuroscience Society meeting:* Symposium on "Object processing in the ventral temporal stream". San Francisco, April 2005.
- Society for Neuroscience;* Symposium on "Functional organisation of the object processing pathway". Washington, DC November 2005.
- Strategic promotion of Aging Research Capacity (SPARC) conference:* "Understanding the aging brain: linking cognitive and neural change across the lifespan". Cambridge, September 2007.
- Experimental Psychology Society meeting:* Cambridge, April 2008.
- Experimental Psychology Society:* Symposium on "Theoretical challenges in cognitive neuroscience". Cambridge, April 2008.
- Cognitive Neuroscience Society,* Satellite Symposium on "Making sense of the world: How the brain integrates local and distributed processing in visual cognition". San Francisco, April 2008.
- Architectures and Mechanisms for Language Processing 14th Annual Conference.* Cambridge, September 2008.