

# LING279 Reading Schedule

25 April 2012

## **Week 1 Introduction (abbreviated)**

## **Week 2 Verbatim memory, as a model system**

Jarvella, R. (1971). Syntactic processing of connected speech. *Journal of Verbal Learning and Verbal Behavior*, 10(4), 409-416. doi:10.1016/S0022-5371(71)80040-3

Baddeley, A. D., Hitch, G. J., & Allen, R. J. (2009). Working memory and binding in sentence recall. *Journal of Memory and Language*, 61(3), 438-456. Elsevier Inc. doi:10.1016/j.jml.2009.05.004

Potter, M. C., & Lombardi, L. (1990). Regeneration in the short-term recall of sentences. *Journal of Memory and Language*, 29(6), 633-654. doi:10.1016/0749-596X(90)90042-X

Lombardi, L., & Potter, M. C. (1992). The Regeneration of Syntax in Short Term Memory. *Journal of Memory and Language*, 31(6), 713-733. doi:10.1016/0749-596X(92)90036-W

Hanson, V.L., & Bellugi, U. (1982). On the role of sign order and morphological structure in memory for American Sign Language Sentences. *21*, 621-633.

## **Week 3 Forgetting: time-based decay and the articulatory loop**

Baddeley, A. D., Thomson, N., & Buchanan, M. (1975). Word length and the structure of short-term memory. *Journal of Verbal Learning & Verbal Behavior*, 14, 575-589.

Baddeley, A. Working memory and language: an overview. *Journal of Communication Disorders*, 36, 189-208.

Caplan, D., Rochon, E., & Waters, G. S. (1992). Articulatory and phonological determinants of word-length effects in span tasks. *Quarterly Journal of Experimental Psychology*, 45A, 177-192.

Neath, I., & Nairne, J.S., Word-length effects in immediate memory: overwriting trace decay theory. *Psychonomic Bulletin & Review*, 2, 429-441.

Dosher, B., & Ma, J.-J. Output loss or rehearsal loop? Output time vs pronunciation time limits in immediate recall in forgetting-matched materials. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 24, 316-335.

## **Week 4 Forgetting: interference and its varieties**

### **Background papers**

Anderson, M. C., & Neely, J. H. (1996). Interference and Inhibition in Memory Retrieval. *Memory* (pp. 237-313).

Nairne, J. S. (2006). Modeling Distinctiveness: Implications for General Memory Theory. In R. R. Hunt & J. B. Worthen (Eds.), *Distinctiveness and Memory* (pp. 27–46). Oxford University Press, USA.

### **Language processing**

Gordon, P.C., Hendrick, R., & Johnson, M. (2001). Memory interference during language processing. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 27, 1411-1423.

Gordon, P.C., Hendrick, R., & Levine, W.H. (2002). Memory-load interference in syntactic processing. *Psychological Science*, 13, 425-430

Gordon, P.C., Hendrick, R., & Johnson, M. (2004). Effects of noun phrase type on sentence complexity. *Journal of Memory and Language*, 51, 97-114.

### **Week 5 Interference; encoding subjects**

... keep reading Anderson & Neely (1996)

No student presenters this week.

Lewis, R. L., & Vasishth, S. (2005). An Activation-Based Model of Sentence Processing as Skilled Memory Retrieval. *Cognitive Science*, 29(3), 375-419. doi:10.1207/s15516709cog0000\_25

Van Dyke, J., & Lewis, R. L. (2003). Distinguishing effects of structure and decay on attachment and repair: A cue-based parsing account of recovery from misanalyzed ambiguities. *Journal of Memory and Language*, 49(3), 285-316. doi:10.1016/S0749-596X(03)00081-0

Van Dyke, J. A. (2007). Interference Effects From Grammatically Unavailable Constituents During Sentence Processing. *Journal of experimental psychology. Learning, memory, and cognition*, 33(2), 407.

Van Dyke, J. A., & McElree, B. (2011). Cue-dependent interference in comprehension. *Journal of Memory and Language*. Elsevier Inc. doi:10.1016/j.jml.2011.05.002

--> Bring your laptops.

### **Week 6 Encoding subjects, continued**

Nate Arnett presents his QP research on subject encodings.

\* Wagers, M. W., Lau, E. F., & Phillips, C. (2009). Agreement attraction in comprehension: Representations and processes. *Journal of Memory and Language*, 61(2), 206-237. Elsevier Inc. doi:10.1016/j.jml.2009.04.002.

\* Dillon, B., Mishler, A., Sloggett, S., & Phillips, C. (2012). Contrasting interference profiles for agreement and anaphora: Experimental and modeling evidence. Submitted ms.

- \* Parker, Dan, Sol Lago, & Colin Phillips 2012. Retrieval Interference in the Resolution of Anaphoric PRO. Talk given at the 35th GLOW Colloquium, workshop on "The timing of grammar". Potsdam, Germany. + Poster presented at the 25th Annual CUNY Human Sentence Processing Conference. CUNY, NYC. *The poster and slides are available here:* <http://ling.umd.edu/~dparker3/research.html>

## **Week 7      Matt at UMass: no class**

### *Supplemental reading:*

- McElree, B. & Doshier, B.A. (1989). Serial position and set size in short-term memory: Time course of recognition. *Journal of Experimental Psychology: General*, 18, 346-373.
- Gronlund, S. D., & Ratcliff, R. (1989). Time course of item and associative information: implications for global memory models. *Journal of experimental psychology. Learning, memory, and cognition*, 15(5), 846-58.

## **Week 8      Long-distance dependencies**

- \* McElree, B., Foraker, S., & Dyer, L. (2003). Memory and Language Memory structures that subserve sentence comprehension. *Journal of Memory and Language*, 48, 67-91.
- \* Obata, M., Lewis, R. L., Epstein, S., Bartek, B., and Boland, J. (2010). Featural analysis and short-term memory retrieval in on-line parsing: Evidence for syntactic, but not phonological, similarity-based interference. In *Proceedings of NELS 41: Conference of the North East Linguistics Society*, Philadelphia.
- \* ^^ Ortega-Santos, I. (2011). On relativized minimality, memory and cue-based parsing. *Iberia*, 3.1, 35-64.
- \* Logačev, P. and Vasishth, S. Case matching and conflicting bindings interference. In Peter de Swart and Monique Lamers, editors, *Case, Word Order, and Prominence: Psycholinguistic and theoretical approaches to argument structure, volume 2 of Studies in Theoretical Psycholinguistics*. Springer, 2011.

## **Week 9      LDD Spillover; capacity limits and language structure**

- McElree, B. (2001). Working memory and focal attention. *Journal of experimental psychology. Learning, memory, and cognition*, 27, 817-35.
- \* McElree, B. (2006). Accessing Recent Events. *The Psychology of Learning and Motivation*, 46(06), 155-200. Elsevier. doi:10.1016/S0079-7421(06)46005-9
- \* Oberauer, K., & Kliegl, R. (2006). A formal model of capacity limits in working memory. *Journal of Memory and Language*, 55(4), 601-626. doi:10.1016/j.jml.2006.08.009

Wagers, M. & McElree, B. (2012). Memory for linguistic features: evidence from the dynamics of agreement. Manuscript.

## **Week 10 Psychometrics**

Unsworth, N., & Engle, R. W. (2007). The Nature of Individual Differences in Working Memory Capacity: Active Maintenance in Primary Memory and Controlled Search From Secondary Memory. *Psychological Review*, 114(1), 104-32. doi:10.1037/0033-295X.114.1.104

\* Roberts, R., & Gibson, E. (2002). Individual differences in sentence memory. *Journal of psycholinguistic research*, 31(6), 573-98. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/12599915>

\* Swets, B., Desmet, T., Hambrick, D. Z., & Ferreira, F. (2007). The Role of Working Memory in Syntactic Ambiguity Resolution: A Psychometric Approach. *Journal of Experimental Psychology. General*, 136(1), 64-81. doi:10.1037/0096-3445.136.1.64

## **Week "11" Research briefs**

*Try to consolidate your understanding in prep for a final discussion by reading:*

Oberauer, K. (2009). Design for a Working Memory. *Learning*, 51(09). doi:10.1016/S0079-7421(09)51002-X

Jonides, J., Lewis, R. L., Nee, D. E., Lustig, C. A., Berman, M. G., & Moore, K. S. (2008). The Mind and Brain of Short-Term Memory. *Annual Review of Psychology*, 59(1), 193-224. doi:10.1146/annurev.psych.59.103006.093615