

PS3022: Language, Communication, and Thought

[View Online](#)

Bialystok, Ellen, Fergus I.M. Craik, and Gigi Luk. 'Bilingualism: Consequences for Mind and Brain'. *Trends in Cognitive Sciences* 16.4 (2012): 240–250. Web.

Binder, Jeffrey R. et al. 'Where Is the Semantic System? A Critical Review and Meta-Analysis of 120 Functional Neuroimaging Studies'. *Cerebral Cortex* 19.12 (2009): 2767–2796. Web.

Carey, Daniel et al. 'Functional and Quantitative MRI Mapping of Somatomotor Representations of Human Supralaryngeal Vocal Tract'. *Cerebral Cortex* (2017): n. pag. Web.

Castles, Anne, and Max Coltheart. 'Is There a Causal Link From Phonological Awareness to Success in Learning to Read?' *Cognition* 91.1 (2004): 77–111. Web.

Castles, Anne, Kathleen Rastle, and Kate Nation. 'Ending the Reading Wars: Reading Acquisition From Novice to Expert'. *Psychological Science in the Public Interest* 19.1 (2018): 5–51. Web.

Chesters, Jennifer, Riikka Möttönen, and Kate E Watkins. 'Transcranial Direct Current Stimulation Over Left Inferior Frontal Cortex Improves Speech Fluency in Adults Who Stutter'. *Brain* 141.4 (2018): 1161–1171. Web.

Cook, Vivian. 'Introduction: The Changing L1 in the L2 User's Mind'. *Effects of the Second Language on the First*. Vol. 3. Clevedon: Multilingual Matters, 2003. 1–18. Print.

Corballis, Michael C. 'The Gestural Origins of Language: Human Language May Have Evolved From Manual Gestures, Which Survive Today as a "Behavioral Fossil" Coupled to Speech'. *American Scientist* 87.2 (1999): 138–145. Web.
<<https://www.jstor.org/stable/27857812>>.

Cortese, Michael J., and Jocelyn Schock. 'Imageability and Age of Acquisition Effects in Disyllabic Word Recognition'. *Quarterly Journal of Experimental Psychology* 66.5 (2013): 946–972. Web.

Davis, Matthew H., and M. Gareth Gaskell. 'A Complementary Systems Account of Word Learning: Neural and Behavioural Evidence'. *Philosophical Transactions of the Royal Society B: Biological Sciences* 364.1536 (2009): 3773–3800. Web.

Dehaene, Stanislas et al. 'How Learning to Read Changes the Cortical Networks for Vision and Language'. *Science* 330.6009 (2010): 1359–1364. Web.

- Dehaene, Stanislas, and Laurent Cohen. 'The Unique Role of the Visual Word Form Area in Reading'. *Trends in Cognitive Sciences* 15.6 (2011): 254–262. Web.
- Dronkers, N. F. et al. 'Paul Broca's Historic Cases: High Resolution Mr Imaging of the Brains of Leborgne and Lelong'. *Brain* 130.5 (2007): 1432–1441. Web.
- Duff, Fiona J., and Charles Hulme. 'The Role of Children's Phonological and Semantic Knowledge in Learning to Read Words'. *Scientific Studies of Reading* 16.6 (2012): 504–525. Web.
- Dumay, Nicolas, and M. Gareth Gaskell. 'Sleep-Associated Changes in the Mental Representation of Spoken Words'. *Psychological Science* 18.1 (2007): 35–39. Web. <<http://www.jstor.org/stable/40064574>>.
- Goldin-Meadow, Susan, and Carolyn Mylander. 'Spontaneous Sign Systems Created by Deaf Children in Two Cultures'. *Nature* 391.6664 (1998): 279–281. Web.
- Hauk, Olaf, Ingrid Johnsrude, and Friedemann Pulvermüller. 'Somatotopic Representation of Action Words in Human Motor and Premotor Cortex'. *Neuron* 41.2 (2004): 301–307. Web.
- Hay, Jennifer, and Katie Drager. 'Sociophonetics'. *Annual Review of Anthropology* 36 (2007): 89–103. Web. <<https://www.jstor.org/stable/25064946>>.
- Henderson, Lisa M. et al. 'Consolidation of Vocabulary Is Associated With Sleep in Children'. *Developmental Science* 15.5 (2012): 674–687. Web.
- Hickok, Gregory. 'Computational Neuroanatomy of Speech Production'. *Nature Reviews Neuroscience* 13.2 (2012): 135–145. Web.
- Hickok, Gregory, and David Poeppel. 'The Cortical Organization of Speech Processing'. *Nature Reviews Neuroscience* 8.5 (2007): 393–402. Web.
- Johnson, Keith, Elizabeth A Strand, and Mariapaola D'Imperio. 'Auditory–Visual Integration of Talker Gender in Vowel Perception'. *Journal of Phonetics* 27.4 (1999): 359–384. Web.
- Kearney, Elaine, and Frank H. Guenther. 'Articulating: The Neural Mechanisms of Speech Production'. *Language, Cognition and Neuroscience* 34.9 (2019): 1214–1229. Web.
- Kirby, S., H. Cornish, and K. Smith. 'Cumulative Cultural Evolution in the Laboratory: An Experimental Approach to the Origins of Structure in Human Language'. *Proceedings of the National Academy of Sciences* 105.31 (2008): 10681–10686. Web.
- Kutas, Marta, and Kara D. Federmeier. 'Electrophysiology Reveals Semantic Memory Use in Language Comprehension'. *Trends in Cognitive Sciences* 4.12 (2000): 463–470. Web.
- Ladefoged, Peter. *A Course in Phonetics*. New York: Harcourt Brace Jovanovich, 1975. Print.
- Levinson, Stephen C. 'Language and Cognition: The Cognitive Consequences of Spatial Description in Guugu Yimithirr'. *Journal of Linguistic Anthropology* 7.1 (1997): 98–131.

Web.

Linck, Jared A., Judith F. Kroll, and Gretchen Sunderman. 'Losing Access to the Native Language While Immersed in a Second Language: Evidence for the Role of Inhibition in Second-Language Learning'. *Psychological Science* 20.12 (2009): 1507–1515. Web.

Loftus, Elizabeth F., and John C. Palmer. 'Reconstruction of Automobile Destruction: An Example of the Interaction Between Language and Memory.' *Journal of Verbal Learning and Verbal Behavior* 13.5 (1974): 585–589. Web.

Lucy, J. A., and S. Gaskins. 'Grammatical Categories and the Development of Classification Preferences: A Comparative Approach'. *Language Acquisition and Conceptual Development*. Vol. 3. Cambridge: Cambridge University Press, 2001. 257–283. Print.

Manis, Franklin R. et al. 'On the Bases of Two Subtypes of Development Dyslexia'. *Cognition* 58.2 (1996): 157–195. Web.

Mano, Quintino R. et al. 'The Role of Left Occipitotemporal Cortex in Reading: Reconciling Stimulus, Task, and Lexicality Effects'. *Cerebral Cortex* 23.4 (2013): 988–1001. Web.

McCandliss, Bruce D., Laurent Cohen, and Stanislas Dehaene. 'The Visual Word Form Area: Expertise for Reading in the Fusiform Gyrus'. *Trends in Cognitive Sciences* 7.7 (2003): 293–299. Web.

McClelland, James L., Bruce L. McNaughton, and Randall C. O'Reilly. 'Why There Are Complementary Learning Systems in the Hippocampus and Neocortex: Insights From the Successes and Failures of Connectionist Models of Learning and Memory'. *Psychological Review* 102.3 (1995): 419–457. Web.

'PALS0009 Introduction to Speech Science: Audio Signals and Systems'. N.p., n.d. Web. <<https://www.phon.ucl.ac.uk/courses/pals0009/week3.php>>.

'PALS0009 Introduction to Speech Science: Consonants'. N.p., n.d. Web. <<https://www.phon.ucl.ac.uk/courses/pals0009/week6.php>>.

'PALS0009 Introduction to Speech Science: Voice'. N.p., n.d. Web. <<https://www.phon.ucl.ac.uk/courses/pals0009/week4.php>>.

'PALS0009 Introduction to Speech Science: Vowels'. N.p., n.d. Web. <<https://www.phon.ucl.ac.uk/courses/pals0009/week5.php>>.

Patterson, Karalyn, Peter J. Nestor, and Timothy T. Rogers. 'Where Do You Know What You Know? The Representation of Semantic Knowledge in the Human Brain'. *Nature Reviews Neuroscience* 8.12 (2007): 976–987. Web.

Price, Cathy J., and Joseph T. Devlin. 'The Interactive Account of Ventral Occipitotemporal Contributions to Reading'. *Trends in Cognitive Sciences* 15.6 (2011): 246–253. Web.

Purcell, Jeremy J., Jennifer Shea, and Brenda Rapp. 'Beyond the Visual Word Form Area: The Orthography–Semantics Interface in Spelling and Reading'. *Cognitive Neuropsychology* 31.5–6 (2014): 482–510. Web.

Quiroga, R. Quiñan et al. 'Invariant Visual Representation by Single Neurons in the Human Brain'. *Nature* 435.7045 (2005): 1102–1107. Web.

Rapcsak, Steven Z. et al. 'Phonological Dyslexia and Dysgraphia: Cognitive Mechanisms and Neural Substrates'. *Cortex* 45.5 (2009): 575–591. Web.

Rastle, Kathleen et al. 'Orthography Influences the Perception and Production of Speech.' *Journal of Experimental Psychology: Learning, Memory, and Cognition* 37.6 (2011): 1588–1594. Web.
<<http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2011-17265-001&site=ehost-live>>.

Rauschecker, Josef P., and Sophie K. Scott. 'Maps and Streams in the Auditory Cortex: Nonhuman Primates Illuminate Human Speech Processing'. *Nature Neuroscience* 12.6 (2009): 718–724. Web.

Raviv, Limor, Antje Meyer, and Shiri Lev-Ari. 'Larger Communities Create More Systematic Languages'. *Proceedings of the Royal Society B: Biological Sciences* 286.1907 (2019): n. pag. Web.

Rayner, Keith et al. 'How Psychological Science Informs the Teaching of Reading'. *Psychological Science* 2.2 (2001): 31–74. Web. <<http://www.jstor.org/stable/40062357>>.

Ricketts, Jessie, Kate Nation, and Dorothy V. M. Bishop. 'Vocabulary Is Important for Some, but Not All Reading Skills'. *Scientific Studies of Reading* 11.3 (2007): 235–257. Web.

Ross, Michael, W. Q. Elaine Xun, and Anne E. Wilson. 'Language and the Bicultural Self'. *Personality and Social Psychology Bulletin* 28.8 (2002): 1040–1050. Web.

Rueckl, Jay G. et al. 'Universal Brain Signature of Proficient Reading: Evidence From Four Contrasting Languages'. *Proceedings of the National Academy of Sciences* 112.50 (2015): 15510–15515. Web.

Schick, Brenda et al. 'Language and Theory of Mind: A Study of Deaf Children'. *Child Development* 78.2 (2007): 376–396. Web.

Schooler, Jonathan W., and Tonya Y. Engstler-Schooler. 'Verbal Overshadowing of Visual Memories: Some Things Are Better Left Unsaid'. *Cognitive Psychology* 22.1 (1990): 36–71. Web.

Schreiner, Thomas, and Björn Rasch. 'Boosting Vocabulary Learning by Verbal Cueing During Sleep'. *Cerebral Cortex* 25.11 (2015): 4169–4179. Web.

Schwartz, Ana I., and Judith F. Kroll. 'Bilingual Lexical Activation in Sentence Context'. *Journal of Memory and Language* 55.2 (2006): 197–212. Web.

Seidenberg, Mark S. 'The Science of Reading and Its Educational Implications'. *Language Learning and Development* 9.4 (2013): 331–360. Web.

Senghas, Ann, Sotaro Kita, and Aslı Özyürek. 'Children Creating Core Properties of Language: Evidence from an Emerging Sign Language in Nicaragua'. *Science* 305.5691

(2004): 1779–1782. Web. <<https://www.jstor.org/stable/3837772>>.

Singleton, Jenny L., and Elissa L. Newport. 'When Learners Surpass Their Models: The Acquisition of American Sign Language From Inconsistent Input'. *Cognitive Psychology* 49.4 (2004): 370–407. Web.

Spaepen, E. et al. 'Number Without a Language Model'. *Proceedings of the National Academy of Sciences* 108.8 (2011): 3163–3168. Web.

Spivey, Michael J., and Viorica Marian. 'Cross Talk Between Native and Second Languages: Partial Activation of an Irrelevant Lexicon'. *Psychological Science* 10.3 (1999): 281–284. Web.

Tamminen, J. 'Lexical Consolidation'. *International Encyclopedia of the Social & Behavioral Sciences*. Ed. James D. Wright. 2nd Edition. Amsterdam: Elsevier, 2015. 920–925. Web. <http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=13408681890002671&institutionId=2671&customerId=2670>.

Tamminen, Jakke, Jessica D. Payne, et al. 'Sleep Spindle Activity Is Associated with the Integration of New Memories and Existing Knowledge'. *Journal of Neuroscience* 30.43 (2010): 14356–14360. Web. <<http://www.jneurosci.org/content/30/43/14356>>.

Tamminen, Jakke, Matthew H. Davis, et al. 'The Role of Memory Consolidation in Generalisation of New Linguistic Information'. *Cognition* 125.1 (2012): 107–112. Web.

Tamminen, Jakke, and M. Gareth Gaskell. 'Novel Word Integration in the Mental Lexicon: Evidence From Unmasked and Masked Semantic Priming'. *The Quarterly Journal of Experimental Psychology* 66.5 (2013): 1001–1025. Web.

Tanenhaus, Michael K. et al. 'Integration of Visual and Linguistic Information in Spoken Language Comprehension'. *Science* 268.5217 (1995): n. pag. Web. <<https://www.jstor.org/stable/2888637>>.

Taylor, J. S. H. et al. 'How Word Meaning Influences Word Reading'. *Current Directions in Psychological Science* 24.4 (2015): 322–328. Web.

---. 'The Influence of Consistency, Frequency, and Semantics on Learning to Read: An Artificial Orthography Paradigm.' *Journal of Experimental Psychology: Learning, Memory, and Cognition* 37.1 (2011): 60–76. Web. <<http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2010-20426-001&site=ehost-live>>.

Terrace, H. S. et al. 'Can an Ape Create a Sentence?' *Science* 206.4421 (1979): 891–902. Web. <<https://www.jstor.org/stable/1749272>>.

Trauzettel-Klosinski, Susanne, and Klaus Dietz. 'Standardized Assessment of Reading Performance: The New International Reading Speed Texts IReST'. *Investigative Ophthalmology & Visual Science* 53.9 (2012): 5452–5461. Web.

Valian, Virginia. 'Bilingualism and Cognition'. *Bilingualism: Language and Cognition* 18.1 (2015): 3–24. Web.

Van Berkum, Jos J. A. et al. 'The Neural Integration of Speaker and Message'. *Journal of Cognitive Neuroscience* 20.4 (2008): 580–591. Web.

Vinckier, Fabien, and Stanislas Dehaene. 'Hierarchical Coding of Letter Strings in the Ventral Stream: Dissecting the Inner Organization of the Visual Word-Form System'. *Neuron* 55.1 (2007): 143–156. Web.

Walker, Matthew P. 'Sleep to Remember'. *American Scientist* 94.4 (2006): 326–333. Web. <<http://journals.sagepub.com/doi/abs/10.1177/1073858406292647>>.

Watkins, K. E. et al. 'MRI Analysis of an Inherited Speech and Language Disorder: Structural Brain Abnormalities'. *Brain* 125.3 (2002): 465–478. Web.

Watkins, Kate E. et al. 'Structural and Functional Abnormalities of the Motor System in Developmental Stuttering'. *Brain* 131.1 (2007): 50–59. Web.

Wheat, Katherine L. et al. 'During Visual Word Recognition, Phonology Is Accessed within 100 Ms and May Be Mediated by a Speech Production Code: Evidence from Magnetoencephalography'. *Journal of Neuroscience* 30.15 (2010): 5229–5233. Web. <<https://www.jneurosci.org/content/30/15/5229.short>>.

Winawer, Jonathan et al. 'Russian Blues Reveal Effects of Language on Color Discrimination'. *Proceedings of the National Academy of Sciences of the United States* 104.19 (2007): 7780–7785. Web. <<http://www.jstor.org/stable/25427570>>.

Woollams, Ann M. 'Connectionist Neuropsychology: Uncovering Ultimate Causes of Acquired Dyslexia'. *Philosophical Transactions of the Royal Society B: Biological Sciences* 369.1634 (2013): n. pag. Web.

Woollams, Anna M. 'Connectionist Neuropsychology: Uncovering Ultimate Causes of Acquired Dyslexia'. *Philosophical Transactions of the Royal Society B: Biological Sciences* 369.1634 (2014): n. pag. Web.

---. 'SD-Squared: On the Association Between Semantic Dementia and Surface Dyslexia.' *Psychological Review* 114.2 (2007): 316–339. Web. <<http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2007-05396-004&site=ehost-live>>.

Woollams, Anna M., and Karalyn Patterson. 'The Consequences of Progressive Phonological Impairment for Reading Aloud'. *Neuropsychologia* 50.14 (2012): 3469–3477. Web.

Ziegler, Johannes C., Ludovic Ferrand, and Marie Montant. 'Visual Phonology: The Effects of Orthographic Consistency on Different Auditory Word Recognition Tasks'. *Memory & Cognition* 32.5 (2004): 732–741. Web.