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), 240–50 https://doi.org/10.1016/j.tics.2012.03.001

Binder, Jeffrey R., Rutvik H. Desai, William W. Graves, and Lisa L. Conant, 'Where Is the Semantic System? A Critical Review and Meta-Analysis of 120 Functional Neuroimaging Studies', Cerebral Cortex, 19.12 (2009), 2767–96 <https://doi.org/10.1093/cercor/bhp055>

Carey, Daniel, Saloni Krishnan, Martina F. Callaghan, Martin I. Sereno, and Frederic Dick, 'Functional and Quantitative MRI Mapping of Somatomotor Representations of Human Supralaryngeal Vocal Tract', Cerebral Cortex, 2017 <https://doi.org/10.1093/cercor/bhw393>

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 https://doi.org/10.1016/S0010-0277(03)00164-1

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 https://doi.org/10.1177/1529100618772271

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), 1161–71 https://doi.org/10.1093/brain/awy011

Cook, Vivian, 'Introduction: The Changing L1 in the L2 User's Mind', in Effects of the Second Language on the First (Clevedon: Multilingual Matters, 2003), iii, 1–18

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), 138–45 <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), 946–72 https://doi.org/10.1080/17470218.2012.722660

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 <https://doi.org/10.1098/rstb.2009.0111>

Dehaene, Stanislas, and Laurent Cohen, 'The Unique Role of the Visual Word Form Area in Reading', Trends in Cognitive Sciences, 15.6 (2011), 254–62 https://doi.org/10.1016/j.tics.2011.04.003

Dehaene, Stanislas, Felipe Pegado, Lucia W. Braga, Paulo Ventura, Gilberto Nunes Filho, Antoinette Jobert, and others, 'How Learning to Read Changes the Cortical Networks for Vision and Language', Science, 330.6009 (2010), 1359–64 <https://doi.org/10.1126/science.1194140>

Dronkers, N. F., O. Plaisant, M. T. Iba-Zizen, and E. A. Cabanis, 'Paul Broca's Historic Cases: High Resolution Mr Imaging of the Brains of Leborgne and Lelong', Brain, 130.5 (2007), 1432–41 <https://doi.org/10.1093/brain/awm042>

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), 504–25 https://doi.org/10.1080/10888438.2011.598199

Dumay, Nicolas, and M. Gareth Gaskell, 'Sleep-Associated Changes in the Mental Representation of Spoken Words', Psychological Science, 18.1 (2007), 35–39 <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), 279–81 https://doi.org/10.1038/34646

Hauk, Olaf, Ingrid Johnsrude, and Friedemann Pulvermüller, 'Somatotopic Representation of Action Words in Human Motor and Premotor Cortex', Neuron, 41.2 (2004), 301–7 https://doi.org/10.1016/S0896-6273(03)00838-9

Hay, Jennifer, and Katie Drager, 'Sociophonetics', Annual Review of Anthropology, 36 (2007), 89–103 https://www.jstor.org/stable/25064946

Henderson, Lisa M., Anna R. Weighall, Helen Brown, and M. Gareth Gaskell, 'Consolidation of Vocabulary Is Associated With Sleep in Children', Developmental Science, 15.5 (2012), 674–87 ">https://doi.org/10.1111/j.1467-7687.2012.01172.x>

Hickok, Gregory, 'Computational Neuroanatomy of Speech Production', Nature Reviews Neuroscience, 13.2 (2012), 135–45 https://doi.org/10.1038/nrn3158

Hickok, Gregory, and David Poeppel, 'The Cortical Organization of Speech Processing', Nature Reviews Neuroscience, 8.5 (2007), 393–402 <https://doi.org/10.1038/nrn2113>

Johnson, Keith, Elizabeth A Strand, and Mariapaola D'Imperio, 'Auditory–Visual Integration of Talker Gender in Vowel Perception', Journal of Phonetics, 27.4 (1999), 359–84 https://doi.org/10.1006/jpho.1999.0100

Kearney, Elaine, and Frank H. Guenther, 'Articulating: The Neural Mechanisms of Speech Production', Language, Cognition and Neuroscience, 34.9 (2019), 1214–29 <https://doi.org/10.1080/23273798.2019.1589541>

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), 10681–86 https://doi.org/10.1073/pnas.0707835105

Kutas, Marta, and Kara D. Federmeier, 'Electrophysiology Reveals Semantic Memory Use in Language Comprehension', Trends in Cognitive Sciences, 4.12 (2000), 463–70 https://doi.org/10.1016/S1364-6613(00)01560-6

Ladefoged, Peter, A Course in Phonetics (New York: Harcourt Brace Jovanovich, 1975)

Levinson, Stephen C., 'Language and Cognition: The Cognitive Consequences of Spatial Description in Guugu Yimithirr', Journal of Linguistic Anthropology, 7.1 (1997), 98–131 https://doi.org/10.1525/jlin.1997.7.1.98

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), 1507–15 <https://doi.org/10.1111/j.1467-9280.2009.02480.x>

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), 585–89 https://doi.org/10.1016/S0022-5371(74)

Lucy, J. A., and S. Gaskins, 'Grammatical Categories and the Development of Classification Preferences: A Comparative Approach', in Language Acquisition and Conceptual Development (Cambridge: Cambridge University Press, 2001), iii, 257–83

Manis, Franklin R., Mark S. Seidenberg, Lisa M. Doi, Catherine McBride-Chang, and Alan Petersen, 'On the Bases of Two Subtypes of Development Dyslexia', Cognition, 58.2 (1996), 157–95 https://doi.org/10.1016/0010-0277 (95)

Mano, Quintino R., Colin Humphries, Rutvik H. Desai, Mark S. Seidenberg, David C. Osmon, Ben C. Stengel, and others, 'The Role of Left Occipitotemporal Cortex in Reading: Reconciling Stimulus, Task, and Lexicality Effects', Cerebral Cortex, 23.4 (2013), 988–1001 <https://doi.org/10.1093/cercor/bhs093>

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), 293–99 https://doi.org/10.1016/S1364-6613(03)00134-7>

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), 419–57 <https://doi.org/10.1037/0033-295X.102.3.419>

'PALS0009 Introduction to Speech Science: Audio Signals and Systems' <https://www.phon.ucl.ac.uk/courses/pals0009/week3.php> 'PALS0009 Introduction to Speech Science: Consonants' <https://www.phon.ucl.ac.uk/courses/pals0009/week6.php>

'PALS0009 Introduction to Speech Science: Voice' <https://www.phon.ucl.ac.uk/courses/pals0009/week4.php>

'PALS0009 Introduction to Speech Science: Vowels' <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), 976–87 https://doi.org/10.1038/nrn2277

Price, Cathy J., and Joseph T. Devlin, 'The Interactive Account of Ventral Occipitotemporal Contributions to Reading', Trends in Cognitive Sciences, 15.6 (2011), 246–53 https://doi.org/10.1016/j.tics.2011.04.001

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 <https://doi.org/10.1080/02643294.2014.909399>

Quiroga, R. Quian, L. Reddy, G. Kreiman, C. Koch, and I. Fried, 'Invariant Visual Representation by Single Neurons in the Human Brain', Nature, 435.7045 (2005), 1102–7 <https://doi.org/10.1038/nature03687>

Rapcsak, Steven Z., Pélagie M. Beeson, Maya L. Henry, Anne Leyden, Esther Kim, Kindle Rising, and others, 'Phonological Dyslexia and Dysgraphia: Cognitive Mechanisms and Neural Substrates', Cortex, 45.5 (2009), 575–91 <https://doi.org/10.1016/j.cortex.2008.04.006>

Rastle, Kathleen, Samantha F. McCormick, Linda Bayliss, and Kathleen Rastle, 'Orthography Influences the Perception and Production of Speech.', Journal of Experimental Psychology: Learning, Memory, and Cognition, 37.6 (2011), 1588–94 <http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2011-1726 5-001&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), 718–24 <https://doi.org/10.1038/nn.2331>

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) https://doi.org/10.1098/rspb.2019.1262

Rayner, Keith, Barbara R. Foorman, Charles A. Perfetti, David Pesetsky, and Mark S. Seidenberg, 'How Psychological Science Informs the Teaching of Reading', Psychological Science, 2.2 (2001), 31–74 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), 235–57 https://doi.org/10.1080/10888430701344306

Ross, Michael, W. Q. Elaine Xun, and Anne E. Wilson, 'Language and the Bicultural Self', Personality and Social Psychology Bulletin, 28.8 (2002), 1040–50 https://doi.org/10.1177/01461672022811003

Rueckl, Jay G., Pedro M. Paz-Alonso, Peter J. Molfese, Wen-Jui Kuo, Atira Bick, Stephen J. Frost, and others, 'Universal Brain Signature of Proficient Reading: Evidence From Four Contrasting Languages', Proceedings of the National Academy of Sciences, 112.50 (2015), 15510–15 <https://doi.org/10.1073/pnas.1509321112>

Schick, Brenda, Peter de Villiers, Jill de Villiers, and Robert Hoffmeister, 'Language and Theory of Mind: A Study of Deaf Children', Child Development, 78.2 (2007), 376–96 https://doi.org/10.1111/j.1467-8624.2007.01004.x

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 https://doi.org/10.1016/0010-0285 (90)90003-M>

Schreiner, Thomas, and Björn Rasch, 'Boosting Vocabulary Learning by Verbal Cueing During Sleep', Cerebral Cortex, 25.11 (2015), 4169–79 https://doi.org/10.1093/cercor/bhu139

Schwartz, Ana I., and Judith F. Kroll, 'Bilingual Lexical Activation in Sentence Context', Journal of Memory and Language, 55.2 (2006), 197–212 https://doi.org/10.1016/j.jml.2006.03.004

Seidenberg, Mark S., 'The Science of Reading and Its Educational Implications', Language Learning and Development, 9.4 (2013), 331–60 https://doi.org/10.1080/15475441.2013.812017

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), 1779–82 <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 <https://doi.org/10.1016/j.cogpsych.2004.05.001>

Spaepen, E., M. Coppola, E. S. Spelke, S. E. Carey, and S. Goldin-Meadow, 'Number Without a Language Model', Proceedings of the National Academy of Sciences, 108.8 (2011), 3163–68 < https://doi.org/10.1073/pnas.1015975108>

Spivey, Michael J., and Viorica Marian, 'Cross Talk Between Native and Second Languages: Partial Activation of an Irrelevant Lexicon', Psychological Science, 10.3 (1999), 281–84 <https://doi.org/10.1111/1467-9280.00151>

Tamminen, J., 'Lexical Consolidation', in International Encyclopedia of the Social & Behavioral Sciences, ed. by James D. Wright, 2nd Edition (Amsterdam: Elsevier, 2015), pp. 920–25 https://doi.org/10.1016/B978-0-08-097086-8.51044-7

Tamminen, Jakke, Matthew H. Davis, Marjolein Merkx, and Kathleen Rastle, 'The Role of Memory Consolidation in Generalisation of New Linguistic Information', Cognition, 125.1

(2012), 107-12 <https://doi.org/10.1016/j.cognition.2012.06.014>

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), 1001–25 <https://doi.org/10.1080/17470218.2012.724694>

Tamminen, Jakke, Jessica D. Payne, Robert Stickgold, Erin J. Wamsley, and M. Gareth Gaskell, 'Sleep Spindle Activity Is Associated with the Integration of New Memories and Existing Knowledge', Journal of Neuroscience, 30.43 (2010), 14356–60 <http://www.jneurosci.org/content/30/43/14356>

Tanenhaus, Michael K., Michael J. Spivey-Knowlton, Kathleen M. Eberhard, and Julie C. Sedivy, 'Integration of Visual and Linguistic Information in Spoken Language Comprehension', Science, 268.5217 (1995) https://www.jstor.org/stable/2888637

Taylor, J. S. H., '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 <http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2010-2042 6-001&site=ehost-live>

Taylor, J. S. H., Fiona J. Duff, Anna M. Woollams, Padraic Monaghan, and Jessie Ricketts, 'How Word Meaning Influences Word Reading', Current Directions in Psychological Science, 24.4 (2015), 322–28 <https://doi.org/10.1177/0963721415574980>

Terrace, H. S., L. A. Petitto, R. J. Sanders, and T. G. Bever, 'Can an Ape Create a Sentence?', Science, 206.4421 (1979), 891–902 <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 Opthalmology & Visual Science, 53.9 (2012), 5452–61 <https://doi.org/10.1167/iovs.11-8284>

Valian, Virginia, 'Bilingualism and Cognition', Bilingualism: Language and Cognition, 18.1 (2015), 3–24 <https://doi.org/10.1017/S1366728914000522>

Van Berkum, Jos J. A., Danielle van den Brink, Cathelijne M. J. Y. Tesink, Miriam Kos, and Peter Hagoort, 'The Neural Integration of Speaker and Message', Journal of Cognitive Neuroscience, 20.4 (2008), 580–91 https://doi.org/10.1162/jocn.2008.20054

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), 143–56 https://doi.org/10.1016/j.neuron.2007.05.031

Walker, Matthew P., 'Sleep to Remember', American Scientist, 94.4 (2006), 326–33 http://journals.sagepub.com/doi/abs/10.1177/1073858406292647

Watkins, K. E., F. Vargha-Khadem, J. Ashburner, R. E. Passingham, A. Connelly, K. J. Friston, and others, 'MRI Analysis of an Inherited Speech and Language Disorder: Structural Brain Abnormalities', Brain, 125.3 (2002), 465–78 https://doi.org/10.1093/brain/awf057

Watkins, Kate E., Stephen M. Smith, Steve Davis, and Peter Howell, 'Structural and Functional Abnormalities of the Motor System in Developmental Stuttering', Brain, 131.1 (2007), 50–59 https://doi.org/10.1093/brain/awm241

Wheat, Katherine L., Piers L. Cornelissen, Stephen J. Frost, and Peter C. Hansen, '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), 5229–33 https://www.jneurosci.org/content/30/15/5229.short

Winawer, Jonathan, Nathan Witthoft, Michael C. Frank, Lisa Wu, Alex R. Wade, and Lera Boroditsky, 'Russian Blues Reveal Effects of Language on Color Discrimination', Proceedings of the National Academy of Sciences of the United States, 104.19 (2007), 7780–85 <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) https://doi.org/10.1098/rstb.2012.0398

Woollams, Anna M., 'Connectionist Neuropsychology: Uncovering Ultimate Causes of Acquired Dyslexia', Philosophical Transactions of the Royal Society B: Biological Sciences, 369.1634 (2014) <https://doi.org/10.1098/rstb.2012.0398>

———, 'SD-Squared: On the Association Between Semantic Dementia and Surface Dyslexia.', Psychological Review, 114.2 (2007), 316–39 <http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2007-0539 6-004&site=ehost-live>

Woollams, Anna M., and Karalyn Patterson, 'The Consequences of Progressive Phonological Impairment for Reading Aloud', Neuropsychologia, 50.14 (2012), 3469–77 <https://doi.org/10.1016/j.neuropsychologia.2012.09.020>

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), 732–41 https://doi.org/10.3758/BF03195863