
JAMES STEPHEN MAGNUSON

Curriculum Vitae

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Professor of Psychological Sciences,
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Group Leader, *Computational Neuroscience*,
Basque Center on Cognition Brain & Language,
and Ikerbasque Research Professor, Basque
Foundation for Science

[https://www.bcbl.eu/en/research/research-
groups/computational-neuroscience](https://www.bcbl.eu/en/research/research-groups/computational-neuroscience)

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Research interests

Computational, behavioral, and neurobiological approaches to psycholinguistics (typical and atypical language development and function); learning; representation (integration of internal representations with environmental context); science communication

Teaching interests

Computational modeling; psycholinguistics; cognitive science, cognitive neuroscience / neurobiology of language; learning; laboratory methods (e.g., eye tracking and EEG)

Education and academic positions

2021-	Group Leader	<i>Computational Neuroscience</i> , Basque Center on Cognition, Brain, & Language (BCBL), Donostia-San Sebastián, Spain
2021-	Ikerbasque Research Professor	Basque Science Foundation, Bilbao, Spain
2017-	Director and PI	<i>Science of Learning and Art of Communication</i> Training Program, interdisciplinary PhD program funded by an NSF NRT grant, involving: Psychological Sciences; Genetics & Genomic Sciences (UConn Health Center); Linguistics; Speech, Language & Hearing Sciences; UConn Neag School of Education
2015 - 2019	Associate Director	CT Institute for the Brain and Cognitive Sciences
2014 -	Professor	University of Connecticut, Department of Psychological Sciences
2012 - 2019	Director and PI	<i>Neurobiology of Language</i> Training Program, interdisciplinary PhD program funded by an NSF IGERT grant (2012-20, inclusive of no-cost extension)
2008 -	Director	Cognitive Science Shared Electrophysiology Resource Lab
2008-2014	Associate Professor	University of Connecticut, Department of Psychology
2004-2008	Assistant Professor	University of Connecticut, Department of Psychology
2001-2004	Assistant Professor	Columbia University, Department of Psychology
2001	Ph.D.	University of Rochester, Brain and Cognitive Sciences Advisors: Michael Tanenhaus and Richard Aslin

2000	M.A.	University of Rochester, Brain and Cognitive Sciences
1993-1995	Junior Research Scientist	Advanced Telecommunications Research Human Information Processing Laboratories, Kyoto, Japan
1993	A.B., with honors	University of Chicago, Linguistics
1988	French proficiency certificate	Université de Caen/Centre d'Études Franco-Américain, France

External grants and fellowships

2021-24	Spanish Ministry of Science & Innovation	<i>The Bilingual Lexicon: Interference and Synergy</i> . Role: PI. Total costs: \$103,810
2021-24	National Science Foundation	<i>Psychological, Computational, and Neural Adequacy in a Deep Learning Model of Human Speech Recognition</i> . Role: PI (Co-PIs J. Rueckl, M. Escabí, C. Brodbeck; Oregon State University subcontract PI: K. Brown). Total costs: \$437,171 (UConn) + \$178,934 (Oregon State)
2021-26	National Institutes of Health (NIDCD)	<i>The Role of Frontal and Temporal Brain Areas in the Perception of Phonetic Category Structure</i> Role: Investigator (E. Myers, PI). Total costs: \$2,333,183
2021-24	U.S. Department of Education	<i>UConn GAANN (Graduate Assistance in Areas of National Need) in Language & Cognition</i> Role: Training grant PI. Total costs: \$758,490
2021-24	Research Council of Norway	<i>EDULANG: Excellence in graduate education and research in the cognitive and neural underpinnings of (typical and atypical) language development</i> . Role: Subcontract PI (M. Vulchanova, PI, NTNU). Total costs: \$201,923
2019-24	National Institute of Deafness & Other Communication Disorders	<i>Training the Cognitive Neuroscience of Communication (T32 training grant)</i> . Role: Preceptor (I. Eigsti & E. Myers, PIs). Total costs: ~\$1,800,000
2019-20	National Science Foundation	Supplement to <i>Computational approaches to human spoken word recognition</i> to support redevelopment of the jTRACE neural network simulator. Total costs: \$36,232.
2019-20	National Science Foundation	REU (Research Experience for Undergraduates) supplement to <i>Computational approaches to human spoken word recognition</i> . Total costs: \$26,000.

2018-21	National Science Foundation	<i>Collaborative research: An integrated model of phonetic analysis and lexical analysis based on individual acoustic cues to features</i> (R. Theodore, PI; J. Magnuson, Co-PIs; counterpart project at MIT, S. Hufnagel, PI). Total costs: \$523,391 [UConn portion: \$202,981])
2018-21	National Science Foundation	<i>Computational approaches to human spoken word recognition</i> (J. Magnuson, PI; J. Rueckl, Co-PI). Total costs: \$602,067
2017-22	National Science Foundation	<i>National Science Foundation Research Traineeship (NRT): Science of Learning from Neurobiology to Real-World Application: A Problem-Based Approach</i> . Total costs: \$3,000,000
2017-20	National Science Foundation	<i>Real-World Language: Future Directions in the Science of Communication and the Communication of Science</i> (conference grant). Total costs: \$20,943
2013-17	National Institute of Child Health & Human Development	<i>Individual Differences in Learning Potential for Language and Literacy</i> (Haskins Labs, D. Braze, PI). Role: Subcontract PI. Subcontract total costs: \$349,000
2012-17	National Science Foundation	<i>IGERT: Language plasticity – Genes, brain, cognition, and computation</i> . Role: PI. Total costs: \$3,000,000
2012-17	National Institute of Child Health & Human Development	<i>Nature and acquisition of the speech code and reading</i> (Program Project Grant; J. Rueckl, PI), awarded to Haskins Laboratories. Role: Project Leader, <i>Speech production, speech perception, and orthography: Reciprocal influences</i> Total costs: \$7,230,266.
2010-15	National Institute on Deafness & Other Communication Disorders	<i>Dynamics of Spoken Word Comprehension in Aphasia</i> (to Moss Rehabilitation Research Institute, D. Mirman, PI). Role: Subcontract PI. Total subcontract costs: \$420,000.
2010-15	National Institute on Deafness & Other Communication Disorders	<i>Emergence, structure and neurobiological bases of typical and atypical language</i> . Role: Co-I (D. Lillo-Martin, PI). Total costs: \$1,300,000.
2008-2013	National Science Foundation	<i>CAREER: The time course of bottom-up and top-down integration in language understanding</i> . Total costs: \$400,000.

2007-2010	National Science Foundation	<i>Compensation for coarticulation: Implications for the basis and architecture of speech perception</i> (PI; co-investigators: C. Fowler, N. Viswanathan). Total costs: \$271,779
2007-2012	National Institute of Child Health & Human Development	<i>Nature and acquisition of the speech code and reading</i> (Program Project Grant; C. A. Fowler, PI), awarded to Haskins Laboratories. Investigator, 2 projects. Total costs: \$5,000,000
2006-2011	National Institute of Child Health & Human Development	<i>Neuro-behavioral mechanisms in reading comprehension</i> (D. Shankweiler, P.I.), awarded to Haskins Laboratories. Investigator. Total costs: \$2,000,000
2003	National Institute on Deafness & Other Communication Disorders	Supplement to R01 DC05765 to promote software and database development. Total costs: \$50,000
2002-2007	National Institute on Deafness & Other Communication Disorders	R01 DC05765, <i>The Auditory Lexicon: Similarity, Learning and Processing</i> . Total costs: \$1,185,000
1995-1998	Graduate Research Fellowship	National Science Foundation

Internal grants and fellowships

2019-20	CT Institute for the Brain and Cognitive Sciences	<i>Computational principles underlying predictive processing in human spoken word recognition: Establishing neuroimaging feasibility</i> . Total costs: \$25,000.
2017-18	UConn Office of the Vice Provost for Research	<i>Bridging funds for computational modeling: Language processing, development, and impairment</i> . Supported preparation of successful NSF proposal, <i>Computational approaches to human spoken word recognition</i> (above). Total costs: \$50,000
2010	UConn VP for Research and Research Advisory Council	<i>Equipment for PSERL (Psychology Shared Electrophysiology Resource Laboratory)</i> . Total costs: \$80,305
2010	UConn Research Foundation	<i>Phoneme Transposition Effects in Spoken Word Perception</i> . Role: Co-PI (J. Rueckl, PI). Total costs: \$22,800
2009	UConn Research Foundation	<i>Evaluating effects of neurofeedback on cognitive processing</i> . Total costs: \$12,647
2004	UConn Research Foundation	<i>Is the language processing system interactive? An ERP approach</i> . Total costs: \$12,000.
1998-2000	Sproull Fellowship	University of Rochester

Mentored external fellowships

2021-23	NIDCD F31 National Research Service Award (E. Myers & J. Magnuson, sponsors)	<i>Investigating the mechanisms of poor accent adaptation in healthy older adults. Role: Co-sponsor (David Saltzman, PI). Total costs: \$92,000</i>
2019-21	NIDCD F31 National Research Service Award to Elizabeth Simmons (J. Magnuson & R. Aslin, sponsors)	<i>Behavioral and Neurobiological Underpinnings of Spoken Word Recognition in Late Language Emergence. Total costs: \$80,900</i>
2018-21	National Science Foundation Graduate Research Fellowship to Sahil Luthra (J. Magnuson & E. Myers, sponsors)	<i>Psychology - Cognitive Neuroscience. Total costs: \$102,000</i>

Awards

2004	American Psychological Association	Young Investigator Award in Experimental Psychology: General (for Magnuson et al., 2003)
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Teaching experience

2020	Developed and led the inaugural UConn Language Sciences <i>Summer Data Science Workshop</i> for 120 registered participants. Non-credit training for undergraduates, graduate students, and faculty. Modules include "intro & intermediate statistical thinking," "intro & intermediate R", "intro & intermediate Python", "mixed effects / multilevel models", "living documents [Jupyter Notebooks and Rmarkdown]", and deep learning with Python, Keras, and TensorFlow. My role is organizer, as well as primary instructor for intro & intermediate statistics, R, Python, and deep learning.
2020	Developed and organized the EDULANG Short Course on <i>Experimental Methods</i> . An online course for graduate students at UConn and at EDULANG-affiliated sites in Norway. Combined asynchronous video lectures with synchronous discussion sessions. Team-taught sessions covered fundamentals of statistics and measurement, open and reproducible science, working with special populations, and methods such as fMRI, MEG, and eye tracking.
2018,-19, -20	<i>Foundations of Science of Learning & Art of Communication</i> . Ph.D. seminar
2019, 2020, 2021	<i>Practicum in Science of Learning & Art of Communication (SLAC)</i> . Graduate seminar using a problem-based approach; focus on cognitive psychology of learning and instruction, and principles for effective science communication.
2019, 2020, 2021	<i>SLAC Professional Development Seminar</i> . 1-credit graduate seminar covering responsible conduct of research, preparing for post-Ph.D. careers in academia or other sectors, as well as diversity, equity and inclusion
2018, 2019, 2020	<i>Honors Core Seminar: Science of Learning & Art of Communication</i> . Small undergraduate honors seminar based on the <i>Practicum in SLAC</i> for PhD students, using a problem-based approach; focus on cognitive psychology of learning and instruction, and principles for effective science communication.

2017, 2018, 2019	<i>Electroencephalography: Hands on.</i> Graduate seminar covering theory and use of EEG, and design and analysis of EEG experiments, including Event-Related Potential (ERP) and Time-Frequency Analysis.
2012, 2013, 2014, 2015, 2016	<i>IGERT Foundations 1: Genes, Brain, and Cognition:</i> Graduate seminar introducing fundamentals of biology, neuroscience, genetics, cognitive psychology, and computational modeling (prerequisite background for subsequent <i>Foundations</i> seminars).
2007, 2010	<i>Cognition.</i> Graduate seminar on cognitive psychology
2006, 2009, 2013, 2017	<i>Time course methods.</i> Graduate seminar on eye tracking and EEG/ERP
2006, 2008	<i>The mental lexicon.</i> Graduate seminar
2005, 2006, 2009, 2010, 2011, 2016	<i>Cognitive Psychology:</i> undergraduate lecture
2005-08	<i>Principles of Research in Psychology.</i> Undergraduate lecture + lab, 3 sections
2004	<i>Experimental Psychology: Human Behavior.</i> Undergrad lab & research methods
2003	<i>Psychology Honors Seminar:</i> Seminar for psychology and neuroscience majors, guiding them through 2 years of supervised research and an honors thesis
2001, 2002	<i>Language & Cognition.</i> Graduate seminar
2002, 2003	<i>Models of Cognition.</i> Graduate/advanced undergraduate seminar
2002	<i>Cognition.</i> Large undergraduate lecture course
2002	American Psychological Association Science Directorate Summer Science Institute: Short course on psycholinguistics

Selected external professional activities

2020	Organizer	<i>The Attentive Listener in the Visual World (AttLis 2020)</i> , an international conference; Storrs, CT, March 18-19, 2020 (<i>postponed due to pandemic</i>)
2019	Organizer	<i>Science and imagination: Inspiring public interest in inquiry and discovery.</i> Workshop and public-facing talks and panel, Storrs, CT, 11/5/2019
2018	Organizer	<i>Real-world communication: Challenges in the science of communication and the communication of science;</i> a workshop honoring Michael K. Tanenhaus for being awarded the Rumelhart Prize by the Cognitive Science Society
2016-19	Board member	Society for the Neurobiology of Language (Treasurer-elect, Treasurer, Treasurer-emeritus)

2013-16	College of Reviewers	National Science Foundation (Perception, Action, & Cognition)
2012-17	Ad-hoc member	NIH Language & Communication study section
2009-12	Associate Editor	Journal of Memory and Language
2008-12	Associate Editor	Cognitive Science
2008-19	Editorial board	Cognition
2006-08	Board of reviewers	Cognitive Science
2007, 08	Program Committee	Annual Meeting of the Cognitive Science Society
2006	Scientific committee	Architectures and Mechanisms of Language Processing (AMLaP conference)
2000	Co-editor	University of Rochester Working Papers in Language Sciences
1998	Organizing Committee	First Annual North East Cognitive Science Society meeting
1998-	Ad-hoc reviewer	

Funding agencies: *Nat'l Science Foundation, Nat'l Institutes of Health, Scottish Rite Charitable Foundation, Netherlands Org. for Scientific Research, Science Foundation Ireland*

Academic journals: *Acta Psychologica; Attention, Perception & Psychophysics; Brain and Language; Brain Research; Behavior Research Methods; Cerebral Cortex; Cognition; Cognitive Psychology; Cognitive Science; Connection Science; Discourse Processes; Experimental Brain Research; Frontiers; Journal of the Acoustical Society of America; J. Cognitive Neuroscience; J. Experimental Psychology: Human Perception and Performance; J. Experimental Psychology: Learning, Memory & Cognition; Journal of Memory and Language; J. Speech, Language, & Hearing Research; Language & Cognitive Neuroscience; Language & Speech; Memory & Cognition; Neurobiology of Language; Open Mind; PLoS ONE; Proceedings of the National Academy of Science; Quarterly Journal of Experimental Psychology; Social Neuroscience*

Conferences: *Cognitive Science Society; CUNY Sentence Processing Conf.; Architectures and Mechanisms of Language Processing; Society for the Neurobiology of Language*

Selected internal service activities

2021-	Member, Dean's advisory panel on brain and cognitive sciences	Tasked with evaluating the current landscape and opportunities transcend our upward trajectory over the last 10+ years (UConn CLAS)
2019 - 2020	Member, Common Cores Committee	Committee assessing possible reorganization of the divisional structure and/or graduate training of UConn's Department of Psychological Sciences
2015 -	Executive committee	UConn Neurobiology of Language Training Program

2017 -	Director, Science of Learning & Art of Communication PhD training program	Interdisciplinary training program at UConn with 16 faculty from 10 Ph.D. programs in 3 schools (College of Liberal Arts & Sciences, UConn Health Center, and School of Fine Arts) and 7 departments; PI of NRT training grant
2017 -	Faculty chair, Diversity Committee	Science of Learning & Art of Communication PhD training program (UConn). Lead recruiting and retention efforts for broadening participation
2015 -	Executive committee	CT Institute for the Brain and Cognitive Sciences
2015-20	Associate Director	CT Institute for the Brain and Cognitive Sciences
2015-17	Steering Committee	Brain Imaging Research Center, UConn
2013-14	Strategic Area Advisory Team, <i>Brain, Mind & Cognition</i>	Interdisciplinary panel that met to evaluate research and training in areas related to <i>Brain, Mind & Cognition</i> at UConn as part of the Provost's academic planning
2012-15	Chair, proposal committee, <i>CT Institute of Brain & Cognitive Sciences</i>	Led committee seeking to establish an institute that connects brain and cognitive sciences with biological and physical sciences; successful effort led to founding of the <i>CT Institute for the Brain and Cognitive Sciences</i> in July, 2015
2012-2018	Director, Neurobiology of Language Training Program	Interdisciplinary training program involving 32 faculty from 7 Ph.D. programs; PI of IGERT training grant, led external funding efforts and establishment of graduate certificate in Neurobiology of Language
2012-2015	fMRI Planning Committee	Committee proposed functional magnetic resonance imaging facility at UConn, and developed implementation and business plan; the <i>Brain Imaging Research Center</i> opened in July, 2015
2008-present	Computer Committee	UConn Department of Psychology / Psychological Sciences
2006-11	Vision Committee	UConn Department of Psychology
2005-12	Webmaster	UConn Psychology
2001-04	Columbia University Dept. of Psychology	Computer committee; Graduate admissions committee; Liaison to fMRI center at Columbia Health Sciences Campus

Professional affiliations

Association for Psychological Science	Cognitive Neuroscience Society
Cognitive Science Society	Society for the Neurobiology of Language
Psychonomic Society	American Association for the Advancement of Science

PUBLICATIONS

Links: <https://magnuson.psy.uconn.edu/publications>

1. Magnuson, J. S. & Crinnion, A. M. (2022). Spoken word recognition. In A. Papafragou, J. C. Trueswell, & L. R. Gleitman (Eds.), *The Oxford Handbook of the Mental Lexicon*, pp. 461-490. DOI: 10.1093/oxfordhb/9780198845003.013.23
2. Saltzman, D., Luthra, S., Myers, E. B., & Magnuson, J. S. (2021). Attention, task demands, and multitalker processing costs in speech perception. *Journal of Experimental Psychology: Human Perception and Performance*, 47(12), 1673–1680.
<https://doi.org/10.1037/xhp0000963>
3. Luthra, S., Li, M. Y. C., You, H., Brodbeck, C., & Magnuson, J. S. (2021). Does signal reduction imply predictive coding in models of spoken word recognition? *Psychonomic Bulletin & Review*. <https://doi.org/10.3758/s13423-021-01924-x>
4. Luthra, S., Saltzman, D., Myers, E.B. & Magnuson, J.S. (2021). Listener expectations and the perceptual accommodation of talker variability: A pre-registered replication. *Attention, Perception, & Psychophysics*. <https://doi.org/10.3758/s13414-021-02317-x>
5. Luthra, S., Peraza-Santiago, G., Beeson, K., Saltzman, D., Crinnion, A.M., & Magnuson, J. S. (2021). Robust lexically-mediated compensation for coarticulation: Christmash time is here again. *Cognitive Science*, 45(4), 1-20. <https://doi.org/10.1111/cogs.12962>
6. Magnuson, J. S., Nusbaum, H. C., Akahane-Yamada, R., & Saltzman, D. (2021). Talker familiarity and the accommodation of talker variability. *Attention, Perception, & Psychophysics*. <https://doi.org/10.3758/s13414-020-02203-y>
7. Li, Z., Crinnion, A. M., & Magnuson, J. S. (2021). LexFindR: A fast, simple, and extensible R package for finding similar words in a lexicon. *Behavior Research Methods*. <https://doi.org/10.3758/s13428-021-01667-6>
8. Luthra, S., Magnuson, J. S., & Myers, E. B. (2020). Boosting lexical support does not enhance lexically guided perceptual learning. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. Advance online publication. <http://dx.doi.org/10.1037/xlm0000945>
9. Luthra, S., You, H., Rueckl, J. G., & Magnuson, J. S. (2020). Friends in low-entropy places: Orthographic neighbor effects on visual word identification differ across letter positions. *Cognitive Science*, 44(12). ee12917. <https://doi.org/10.1111/cogs.12917>
10. Malins, J. G., Landi, N., Ryherd, K., Frijters, J. C., Magnuson, J. S., Rueckl, J. G., Pugh, K. P., Sevcik, R., & Morris, R. (2020). Is that a pibu or a pibo? Children with reading and language deficits show difficulties in learning and overnight consolidation of phonologically similar pseudowords. *Developmental Science*, 00:e13023. <https://doi.org/10.1111/desc.13023>
11. Magnuson, J.S., You, H., Luthra, S., Li, M., Nam, H., Escabi, M., Brown, K., Allopenna, P.D., Theodore, R.M., Monto, N., & Rueckl, J.G. (2020). EARSHOT: A minimal neural network model of incremental human speech recognition. *Cognitive Science*, 44, e12823. <http://dx.doi.org/10.1111/cogs.12823>
12. Rakhlin, N., Landi, N., Lee, M., Magnuson, J. S., Naumova, O. Y., Ovchinnikova, I. V., & Grigorenko, E. L. (2020). Cohesion of cortical language networks during word processing is predicted by a common polymorphism in the SETBP1 gene. In E. L. Grigorenko (Ed.), *Research with Underrepresented Populations of Children and Adolescents: Ideas, Samples, and Methods*. *New Directions for Child and Adolescent Development*, 169, 131–155. <https://doi.org/10.1002/cad.20331>
13. Magnuson, J. S. (2019). Fixations in the visual world paradigm: Where, when, why? *Journal of Cultural Cognition*. <https://doi.org/10.1007/s41809-019-00035-3>

14. Li, M.Y.C., Braze, D., Kukona, A., Johns, C.L., Tabor, W., Van Dyke, J. A., Mencl, W.E., Shankweiler, D.P., Pugh, K.R., & Magnuson, J.S. (2019). Individual differences in subphonemic sensitivity and phonological skills. *Journal of Memory & Language*, *107*, 195-215. <https://doi.org/10.1016/j.jml.2019.03.008>
15. Brown, K.S., Allopenna, P.D., Hunt, W.R., Steiner, R., Saltzman, E., McRae, K., & Magnuson, J.S. (2018). Universal features in phonological neighbor networks. *Entropy*, *20*(7), 526, 1-23. doi:10.3390/e20070526
16. Johns, C.L., Jahn, A.A., Jones, H.R., Kush, D. Molfese, P.J., Van Dyke, J.A., Magnuson, J.S., Tabor, W., Mencl, W.E., Shankweiler, D.P., & Braze, D. (2018). Individual differences in decoding skill, print exposure, and cortical structure in young adults. *Language, Cognition & Neuroscience*, 1-21. doi: 10.1080/23273798.2018.1476727
17. Magnuson, J. S., Mirman, D., Luthra, S., Strauss, T., & Harris, H. (2018). Interaction in spoken word recognition models: Feedback helps. *Frontiers in Psychology*, *9*:369. doi:10.3389/fpsyg.2018.00369
18. Johns, C. L., Jahn, A. A., Jones, H. R., Kush, D., Molfese, P. J., Van Dyke, J. A., Magnuson, J. S., Tabor, W., Mencl, W. E., Shankweiler, D. P., & Braze, D. (2018). Individual differences in decoding skill, print exposure, and cortical structure in young adults. *Language, Cognition and Neuroscience*, *33* (10), 1275-1295. doi:10.1080/23273798.2018.1476727
19. You, H. & Magnuson, J.S. (2018). TISK 1.0: An easy-to-use Python implementation of the time-invariant string kernel model of spoken word recognition. *Behavior Research Methods*. doi:10.3758/s13428-017-1012-5
20. Landi, N., Malins, J., Frost, S. J., Magnuson, J. S., Molfese, P., Ryherd, K., Rueckl, J.G., Mencl, W.E., & Pugh, K.R. (2018). Neural representations for newly learned words are modulated by overnight consolidation, reading skill, and age. *Neuropsychologia*, *111*, 133-144.
21. Magnuson, J. S. (2017). Mapping spoken words to meaning. In G. Gaskell & J. Mirkovic, *Speech Perception and Spoken Word Recognition* (pp. 76-96). New York: Routledge.
22. Kukona, A., Braze, D., Johns, C. L., Mencl, W. E., Van Dyke, J. A., Magnuson, J. S., Pugh, K. R., Shankweiler, D. P., & Tabor, W. (2016). The real-time prediction and inhibition of linguistic outcomes: Effects of language and literacy skill. *Acta Psychologica*, *171*, 72-84.
23. Olmstead, A., Viswanathan, N. & Magnuson, J. S. (2016). Direct and real: Carol A. Fowler's theory and approach to science. *Ecological Psychology*, *28*(3), 127-129.
24. Kukona, A., Braze, D., Johns, C. L., Mencl, W. E., Van Dyke, J. A., Magnuson, J. S., Pugh, K. R., Shankweiler, D. P., & Tabor, W. (2016). The real-time prediction and inhibition of linguistic outcomes: Effects of language and literacy skill. *Acta Psychologica*, *171*, 72-84.
25. Kornilov, S. A., Rakhlin, N., Koposov, R., Lee, M., Yrigollen, C., Caglayan, A. O., Magnuson, J. S., Mane, S., Chang, J. T., Grigorenko, E. L. (2016). Genome-wide association and exome sequencing study of language disorder in an isolated population. *Pediatrics*, *137*, 2016:137. Doi: 10.1542/peds.2015-2469
26. Braze, D., Katz, L., Magnuson, J. S., Mencl, W. E., Tabor, W., Van Dyke, J. A., Gong, T., Johns, C. L., Shankweiler, D. P. (2016). Vocabulary does not complicate the simple view of reading. *Reading and Writing*, *29*, 435-451.
27. Sadat, J., Martin, C. D., Magnuson, J. S., Alario, F-X., & Costa, A. (2015). Breaking down the bilingual cost in speech production. *Cognitive Science*. DOI:10.1111/cogs.12315
28. Zhang, C., Pugh, K. R., Mencl, W. E., Molfese, S. J., Magnuson, J. S., Peng, G., & Wang, W. S-Y. (2016). Functionally integrated neural processing of linguistic and talker information: An event-related fMRI and ERP study. *Neuroimage*, *124*, 536-549

29. Magnuson, J. S. (2015). Phoneme restoration and empirical coverage of interactive activation and adaptive resonance models of human speech processing. *Journal of the Acoustical Society of America*, 137(3), 1481-1492. <http://dx.doi.org/10.1121/1.4904543>.
30. Kornilov, S. A., Magnuson, J. S., Rakhlin, N., Landi, N., & Grigorenko, E. L. (2015). Lexical processing deficits in children with Developmental Language Disorder: an event-related potentials study. *Development and Psychopathology*, 27, 459-476.
31. Collisson, B. A., Grela, B., Spaulding, T., Rueckl, J. G., & Magnuson, J. S. (2015). Individual differences in the shape bias in preschool children with Specific Language Impairment and typical language development: Theoretical and clinical implications. *Developmental Science*, 18:3, 373-388.
32. Viswanathan, N., Magnuson, J. S., & Fowler, C. (2014). Information for coarticulation: Static signal properties or formant dynamics? *Journal of Experimental Psychology: Human Perception & Performance*, 40(3), 1228-1236.
33. Kornilov, S. A., Landi, N., Rakhlin, N., Fang, S-Y., Grigorenko, E. L., & Magnuson, J. S. (2014). Attentional but not pre-attentive neural measures of auditory discrimination are atypical in children with Developmental Language Disorder. *Developmental Neuropsychology*, 39(7), 543-567.
34. Scarf, D., Terrace, H., Colombo, M., & Magnuson, J. S. (2014). Eye movements reveal planning in humans: A comparison with Scarf and Colombo's (2009) monkeys. *Journal of Experimental Psychology: Animal Behavior and Processes*, 40(2), 178-184.
35. Britt, A. E., Mirman, D., Kornilov, S. A., and Magnuson, J. S. (2014). Effect of repetition proportion on language-driven anticipatory eye movements. *Acta Psychologica*, 145(1), 128-138. DOI: 10.1016/j.actpsy.2013.10.004.
36. Kukona, A., Cho, P. W., Magnuson, J. S., & Tabor, W. (2014). Lexical interference effects in sentence processing: Evidence from the visual world paradigm and self-organizing models. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 40(2), 326-347.
37. Hannagan, T., Magnuson, J. S. & Grainger, J. (2013). Spoken word recognition without a TRACE. *Frontiers in Psychology*, 4:563. doi:10.3389/fpsyg.2013.00563.
38. Viswanathan, N., Magnuson, J. S., & Fowler, C. A. (2013). Similar response patterns do not imply identical origins: An energetic masking account of nonspeech effects in compensation for coarticulation. *Journal of Experimental Psychology: Human Perception & Performance*, 39, 1181-92. doi: 10.1037/a0030735.
39. Magnuson, J. (2013). Frequency effects in word recognition. In H. Pashler (Ed.), *Encyclopedia of the mind*. (Vol. 6, pp. 367-369). Thousand Oaks, CA: SAGE Publications, Inc. doi: 10.4135/9781452257044.n135
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Refereed or invited conference proceedings publications

1. Luthra, S., Peraza-Santiago, G., Saltzman, D., Crinnion, A., & Magnuson, J. (2021). Lexically-mediated compensation for coarticulation in older adults. *Proceedings of the Annual Meeting of the Cognitive Science Society*, pp. 383-389.
2. Magnuson, J. S. & Simmons, E. S. (2020, August). Interactions of length and overlap in the TRACE model of spoken word recognition. *Proceedings of the Cognitive Science Society*, 158-163.
3. Magnuson, J. S., Li, M., Luthra, S., You, H., & Steiner, R. (2019). Does predictive processing imply predictive coding in models of spoken word recognition? *Proceedings of the 41st Annual Conference of the Cognitive Science Society* (pp. 735-740). Montreal, QB.
4. Magnuson, J. S., You, H., Rueckl, J., Allopenna, P., Li, M., Luthra, S., Steiner, R., Nam, H., Escabi, M., Brown, K., Theodore, R., & Monto, N. (2019). EARSHOT: A minimal network model of human speech recognition that operates on real speech. *Proceedings of the 41st Annual Conference of the Cognitive Science Society* (pp. 2248-2253). Montreal, QB.
5. Luthra, S. & Magnuson, J.S. Friends in low-entropy places: Letter position influences orthographic neighbor effects in visual word identification. (2018). In T.T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp. 2084-2089). Austin, TX: Cognitive Science Society.
6. Magnuson, J.S. & You, H. (2018). Feedback in the Time-Invariant String Kernel model of spoken word recognition. In T.T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp. 1062-1067). Austin, TX: Cognitive Science Society.
7. Simmons, E.S. & Magnuson, J.S. (2018). Word length, proportion of overlap, and phonological competition in spoken word recognition. In T.T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp. 732-737). Austin, TX: Cognitive Science Society.
8. Magnuson, J. S. (2011). Individual differences in learning artificial lexicons. Peer-reviewed symposium contribution, *Proceedings of the 17th Meeting of the European Society for Cognitive Psychology*, pp. 43-44.
9. Mirman, D., Magnuson, J.S., Strauss, T.J., & Dixon, J.A. (2008). Effect of global context on homophone ambiguity resolution. In B.C. Love, K. McRae, & V.M. Sloutsky (Eds.), *Proceedings of the 30th Annual Cognitive Science Society Meeting*. (pp. 663-668). Austin, TX: Cognitive Science Society.
10. Viswanathan, N., Magnuson, J. S., & Fowler, C. A. (2008). Compensation for Coarticulation may reflect gestural perception: Evidence from a critical examination of the effects of non-speech contexts on speech categorization. *Proceedings of the 11th Conference on Laboratory Phonology (LabPhon)*, Wellington, New Zealand, pp. 147-148.
11. Magnuson, J.S., Mirman, D., Strauss, T., Tabor, W., & Rodny, J. (2007). Why do neighbors speed visual word recognition but slow spoken word recognition? *Proceedings of 13th Annual Conference on Architectures and Mechanisms for Language Processing (AMLAP)*, p. 37. (Talk).
12. Kukona, A., Fang, S. Y., Aicher, K., Chen, H. & Magnuson, J. S. (2007). Predictive constraints on sentence processing: Argument structure and semantic priming. *Proceedings of the 2007 CUNY Human Sentence Processing Conference*, p. 27. March, La Jolla, CA.
13. Magnuson, J. S., & Strauss, T. (2007). Do spoken words tell us how long they will be? *Proceedings 2007 CUNY Human Sentence Processing Conference*, p. 113. March, La Jolla.

14. Mirman, D., Strauss, T., Magnuson, J. S., & Dixon, J. A. (2007). Integration of pragmatic context in homophone ambiguity resolution: Time course of activation of context appropriate and context inappropriate meanings. *Proceedings of the 2007 CUNY Human Sentence Processing Conference*, p. 114. March, La Jolla, CA.
15. Salverda, A. P., Spivey, M. J., Magnuson, J. S., & Tanenhaus, M. K. (2007). Eye movements and hand movements as indices of lexical processing. *Proceedings of the 2007 CUNY Human Sentence Processing Conference*, p. 169. March, La Jolla, CA.
16. Mirman, D. & Magnuson, J. S. (2006). The impact of semantic neighborhood density on semantic access. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 1823-1828.
17. Strauss, T. J., Mirman, D., & Magnuson, J. S. (2006). Speech perception: Linking computational models and human data (half-day tutorial). *Proceedings of the Annual Meeting of the Cognitive Science Society*, 2669.
18. Viswanathan, N., Magnuson, J. S., & Fowler, C. A. (2006). Disentangling gestural and auditory contrast accounts of compensation for coarticulation. *Proceedings of the Ninth International Conference on Spoken Language Processing (Interspeech 2006 - ICSLP)*, pp. 861-864.
19. Magnuson, J. S., Strauss, T. J., & Harris, H. D. (2005). Interaction in spoken word recognition models: Feedback helps. *Proceedings of the Annual Meeting of the Cognitive Science Society*.
20. Strauss, T. J., Magnuson, J. S., & Harris, H. D. (2005). JTRACE: A reimplementation and extension of the TRACE model of speech perception and spoken word recognition. *Proceedings of the Annual Meeting of the Cognitive Science Society*.
21. Magnuson, J. S., Strauss, T., & Harris, H. D. (2005). On the role of interaction in models of spoken word recognition: Feedback helps. *Proceedings of the 2005 CUNY Human Sentence Processing Conference*, A-19.
22. Harris, H. D., & Magnuson, J.S. (2004). A cross-disciplinary look at statistics and grounding in human lexical learning. In *Language Learning: An Interdisciplinary Perspective, Papers from the 2004 American Association for Artificial Intelligence Spring Symposium, Technical Report SS-04-05*, 28-31.
23. Magnuson, J.S., Tanenhaus, M. K. & Aslin, R. N. (2002). Immediate integration of syntactic and referential constraints on spoken word recognition. In the *Proceedings of the 24th Meeting of the Cognitive Science Society*.
24. Dahan, D., Magnuson, J. S., Tanenhaus, M. K., & Hogan E. M. (2000). Tracking the time course of subcategorical mismatches on lexical access: Evidence for lexical competition. In A. Cutler, J. M. McQueen, & R., Zondervan (Eds.), *Proceedings of the Workshop on Spoken Word Access Processes*, 67-70.
25. Tanenhaus, M. K., Magnuson, J. S., McMurray, B. M., & Aslin, R. A. (2000). Does lexical knowledge mediate perceptual effects of compensatory coarticulation? Evidence from research with an artificial lexicon. In A. Cutler, J. M. McQueen, & R., Zondervan (Eds.), *Proceedings of the Workshop on Spoken Word Access Processes*, 107-110.
26. Magnuson, J. S., Tanenhaus, M. K., Aslin, R. N., & Dahan, D. (1999). Spoken word recognition in the visual world paradigm reflects the structure of the entire lexicon. In M. Hahn & S. Stoness (Eds.), *Proceedings of the Twenty First Annual Conference of the Cognitive Science Society*, pp. 331-336. Mahwah, NJ: Erlbaum.
27. Magnuson, J. S., Bensinger, D. G, Hayhoe, M., & Ballard, D. (1998). Learning to form visual chunks: On the structure of visuo-spatial working memory. In Gernsbacher, M. A., & Derry, S. J. (Eds.), *Proceedings of the Twentieth Annual Conference of the Cognitive Science Society*, 645-650. Mahwah, NJ: Erlbaum.

28. Magnuson, J. S., Dahan, D., Allopenna, P. D., Tanenhaus, M. K., & Aslin, R. N. (1998). Using an artificial lexicon and eye movements to examine the development and microstructure of lexical dynamics. In Gernsbacher, M. A., & Derry, S. J. (Eds.), *Proceedings of the Twentieth Annual Conference of the Cognitive Science Society*, 651-656. Mahwah, NJ: Erlbaum.
29. Allopenna, P. D., Magnuson, J. S., & Tanenhaus, M. K. (1997a). Tracking the time course of lexical activation in continuous speech. *Proceedings of the Nineteenth Annual Conference of the Cognitive Science Society*, 7 - 12. Mahwah, NJ: Erlbaum.
30. Magnuson, J. S. (1997). Does complex behavior require complex representations? *Proceedings of the Nineteenth Annual Conference of the Cognitive Science Society*, 472 - 477. Mahwah, NJ: Erlbaum.
31. Magnuson, J. S., & Yamada, R. A. (1996). The effects of talker variability on the perception of English /r/ and /l/ by Japanese listeners: Subject differences and acoustic correlates. *Proceedings of the 1996 International Conference on Spoken Language Processing (CD-ROM)*, SuPIP1.17/a022.pdf, 1-4.
32. Tanenhaus, M. K., Spivey-Knowlton, M. K., Eberhard, K. M. & Sedivy, J.C., Allopenna, P. D. & Magnuson, J. S. (1996). Eye-movements and spoken language comprehension. *Proceedings of the 34th Annual Meeting of the Association for Computational Linguistics*.
33. Magnuson, J. S., & Yamada, R. A. (1995). The effects of talker variability on the acquisition of non-native speech contrasts. *Proceedings of the 1995 International Congress of Phonetic Sciences*, 306-309.
34. Magnuson, J. S., Yamada, R. A., & Nusbaum, H. C. (1995). The effects of familiarity with a voice on speech perception. *Proceedings of the 1995 Spring Meeting of the Acoustical Society of Japan*, 391-392.
35. Magnuson, J. S., Yamada, R. A., Tohkura, Y., Bradlow, A., Lively, S., & Pisoni, D. B. (1995). The role of talker variability in non-native phoneme training. *Proceedings of the 1995 Spring Meeting of the Acoustical Society of Japan*, 393-394.
36. Magnuson, J. S. & Nusbaum, H. C. (1994). Some acoustic and non-acoustic conditions that produce talker normalization. *Proceedings of the 1994 Spring Meeting of the Acoustical Society of Japan*, 637-638.
37. Magnuson, J. S. & Yamada, R. A. (1994a). Effect of talker variability on the identification of American English /r/ and /l/ by Japanese listeners. *Proceedings of the 1994 Spring Meeting of the Acoustical Society of Japan*, 357-358.
38. Magnuson, J. S., & Yamada, R. A. (1994b). The effects of talker variability on the perception of American English /r/ and /l/ by Japanese subjects: Normalization or criteria setting? *Proceedings of the 1994 Fall Meeting of the Acoustical Society of Japan*, 413-414.
39. Magnuson, J. S., Yamada, R. A., & Nusbaum, H. C. (1994a). Variability in familiar and novel talkers: Effects on mora perception and talker identification. *September 1994 meeting of the Acoustical Society of Japan Technical Committee on Psychological and Physiological Acoustics, Kanazawa, Japan, H-94-44*, 1-8.
40. Magnuson, J. S., Yamada, R. A., & Nusbaum, H. C. (1994b). Are representations available for talker identification available for talker normalization? *Proceedings of the 1994 International Conference on Spoken Language Processing*, 1175-1179.
41. Yamada, R. A., Strange, W., Magnuson, J. S., Pruitt, J. S., Clarke, W. D. III. (1994a). The intelligibility of Japanese speakers' productions of American English /r/, /l/ and /w/, as evaluated by native speakers of American English. *Proceedings of the 1994 International Conference on Spoken Language Processing*, 2023-2026.

42. Yamada, R. A., Strange, W., Magnuson, J. S., Pruitt, J. S., Clarke, W. D. III. (1994b). Production and perception of American English /r/, /l/ and /w/ by native speakers of Japanese: The effects of immersion in an American English speaking environment. *Proceedings of the 1994 Fall Meeting of the Acoustical Society of Japan*, 411-412.

Technical reports and working papers

1. Magnuson, J. S., Dahan, D., & Tanenhaus, M. K. (2001). On the interpretation of computational models: The case of TRACE. In J. S. Magnuson and K.M. Crosswhite (Eds.), *University of Rochester Working Papers in the Language Sciences*, 2 (1), 71 - 91.
2. Magnuson, J. S., Tanenhaus, M. K., & Aslin, R. N. (2000). Simple recurrent networks and competition effects in spoken word recognition. *University of Rochester Working Papers in the Language Science*, 1, 56-71.
3. Magnuson, J. S. (1995.7.25). Simulating probability matching in groups of foraging animals: A comparison of representational and nonrepresentational models. *ATR Human Information Processing Research Laboratories Technical Report TR-H-160*.
4. Magnuson, J. S., & Yamada, R. A. (1995.7.25). The effects of talker variability on the perception of American English /r/ and /l/ by Japanese listeners, II: Subject differences, acoustic and temporal correlates of talker effects, and some technical considerations. *ATR Human Information Processing Research Laboratories Technical Report TR-H-161*.
5. Magnuson, J. S., Yamada, R. A., & Nusbaum, H. C. (1995.7.20). The effects of talker variability and familiarity on mora perception and talker identification. *ATR Human Information Processing Research Laboratories Technical Report TR-H-158*.
6. Magnuson, J. S., & Yamada, R. A. (1994.12.6). The effects of talker variability on the perception of American English /r/ and /l/ by Japanese listeners. *ATR Human Information Processing Research Laboratories Technical Report TR-H-110*.

PRESENTATIONS

Invited talks and lectures

1. Magnuson, J. S. (2021, November). Connecting the EARSHOT model of human speech recognition to the neurobiology of language. U. California-Merced.
2. Magnuson, J. S. (2021, November). Realistic modeling of human speech recognition. Distinguished Lecture, Center for Research on the Challenges of Acquiring Language and Literacy, Georgia State University.
3. Magnuson, J. S. (2021, September). Breaking the sound barrier: Bringing speech into models of human speech recognition. Center for Brain and Cognition, Universitat Pompeu Fabra, Barcelona.
4. Magnuson, J. S. (2019, September). EARSHOT: A minimal neural network model of human speech recognition. Northwestern University.
5. Magnuson, J. S. (2019, July). Elman's agenda for the cognitive science of language processing. Invited presentation, *Symposium in Memory of Jeff Elman: Language Learning, Prediction, and Temporal Dynamics*. Annual Meeting of the Cognitive Science Society, Montreal, Canada.
6. Magnuson, J. S. (2019, June). Emergent phonology in a shallow network model of human speech recognition. International *Journées Scientifiques* festival, panel on *Language and Brain*. University of Nantes, France.
7. Magnuson, J.S. (2018, November). EARSHOT: A minimal neural network model of human speech recognition that learns to map real speech to semantic patterns. Invited colloquium, Cognitive Science, University of Massachusetts.

8. Magnuson, J.S. (2018, September). Breaking the sound barrier: Towards psychological, computational, and neural adequacy in a model of human speech recognition. Invited colloquium, Cognitive Science, University at Buffalo.
9. Magnuson, J.S. (2018, August). Computational approaches to sequence learning and encoding. Workshop on Statistical Learning, Quebec City, Quebec, Canada.
10. Magnuson, J.S. (2018, August). The visual world paradigm and spoken language processing: Insights into computation, development, and disorder. Keynote lecture, AttLis (Attentive Listener in the Visual World) 2018, Trondheim, Norway.
11. Magnuson, J.S. (2018, August). Developmental systems, dynamical systems, and computational thinking. Invited short course, Norwegian U. of Science and Technology, Trondheim, Norway.
12. Magnuson, J.S. (2017, August). Natural scheduling, cascades, and emergence in language and cognitive development. Invited short course, Norwegian University of Science and Technology, Trondheim, Norway.
13. Magnuson, J.S. (2017, April). Logical problems in phonetic constancy. Invited colloquium, 2017 Frances Ingemann Lecture, Department of Linguistics, University of Kansas.
14. Magnuson, J.S. (2015, June) Towards a model of the co-development of speech and reading. DYMO (Workshop on Dynamic Modeling), University of Cologne, Germany.
15. Magnuson, J. S. (2015, December). Building multidisciplinary graduate training. Global Literacy Summit, Yale University, New Haven, CT.
16. Magnuson, J. S. (November 12, 2014). Computational models as tools for theory development in brain and cognitive sciences. Invited colloquium, Center on Theoretical Science, Cheng Yuan Christian University, Chung Li City, Taiwan.
17. Magnuson, J. S. (November 11, 2014). Building intellectual communities. Invited address to the Center on Theoretical Science and administrators of Cheng Yuan Christian University, Chung Li City, Taiwan.
18. Magnuson, J. S. (November 10, 2014). Invited Discussant, International Workshop on Biological Foundations of Language, University of Macau.
19. Magnuson, J. S. (November 8, 2014). Attention, language, and the natural scheduling hypothesis. Keynote address, International Symposium on the Biological Foundations of Language, Chinese University of Hong Kong.
20. Magnuson, J. S. (May 1, 2014). The shape bias in typical language development and Specific Language Impairment: Individual differences predicted by visual learning. Invited colloquium, SUNY New Paltz.
21. Magnuson, J. S. (December 5, 2013). On sequence representation for speech and spoken word recognition. Invited colloquium, Columbia University, New York City.
22. Magnuson, J. S. (May 11, 2013). ERP studies of children from a community with very high incidence of developmental language disorder. 2013 Symposium on L1 Reading Across Different Languages & L2 Literacy Acquisition. Zhongli City, Taiwan.
23. Magnuson, J. S. (2012, June). Without a TRACE: A time invariant string kernel model of spoken word recognition. Invited colloquium, University of Geneva, Switzerland.
24. Magnuson, J. S. (May 16, 2012). A new paradigm for studying lexical quality of newly learned words. Invited symposium talk, Second Language Acquisition: from Brain Plasticity to Cognition, Hebrew University, Jerusalem, Israel.
25. Magnuson, J. S. (2011, May). Without a TRACE: A time invariant string kernel model of spoken word recognition. Invited colloquium, University College, London.
26. Magnuson, J. S. (2011, April). Without a TRACE: A time invariant string kernel model of spoken word recognition. Invited colloquium, University of Edinburgh.

27. Magnuson, J. S. (2011, April). Without a TRACE: A time invariant string kernel model of spoken word recognition. Invited colloquium, Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands.
28. Magnuson, J. S. (2011, November). An overview of current theories of spoken word recognition. Invited lecture, Aix-Marseille University, Marseille, France.
29. Magnuson, J. S. (2011, December). Computational models of spoken word recognition. Invited lecture, Aix-Marseille University, Marseille, France.
30. Magnuson, J. S. (2011, October). Computational implications of priming and expectation in sentence processing. Distinguished Speakers Series Colloquium, Department of Computational Linguistics and Phonetics, Saarland University, Saarbrücken, Germany.
31. Magnuson, J. S. (2011, October). Neighborhood dynamics in spoken word recognition. Department of Computational Linguistics and Phonetics, Saarland University, Saarbrücken, Germany.
32. Magnuson, J. S. (2011, July). Neighborhood density and spoken word recognition: Qué pasa en Español? Basque Center on Cognition, Brain, and Language, San Sebastian/Donostia, Spain.
33. Magnuson, J. S. (2011, July). Anticipation is making me...? Expectations in sentence processing. Basque Center on Cognition, Brain, and Language, San Sebastian/Donostia, Spain.
34. Magnuson, J. S. (2011, March). Expectations, predictions, and priming in sentence processing. Northwestern University Department of Linguistics.
35. Magnuson, J. S. & Allopenna, P. D. (2011, February). Individual differences in lexical learning abilities for speech and print: implications for bilingual research. Neuro-cognitive determinants of second language literacy in young adults: A multilingual perspective, II, Chungli City, Taiwan.
36. Magnuson, J. S. (2011, February). Prediction, priming and computation in language understanding. University of Southern California, Department of Linguistics.
37. Magnuson, J. S. (2011, February). Prediction, priming and computation in language understanding. University of San Diego, Department of Cognitive Science.
38. Magnuson, J.S. (2010, October). Anticipation is making me look: Computational and empirical investigations of anticipation in sentence processing. Laboratoire de Psychologie Cognitive, Centre Nationale du Recherche Scientifique, Université de Provence-Marseille.
39. Magnuson, J.S. (2010, September). The potential utility of dynamical measures of lexical processing and learning for the study of bilingualism. Workshop on neurobiological and cognitive determinants of second language literacy in young adults, Basque Center on Brain, Cognition, and Language, San Sebastian, Spain.
40. Magnuson, J. S. (2010, May). Phonological stability in poor readers. Talk presented at the Alvin and Isabelle Liberman Memorial Workshop, Storrs, CT.
41. Magnuson, J.S. (2010, March). Models of language comprehension: Opportunities and challenges. Plenary talk given at Cognitive Aging, Atlanta, GA.
42. Magnuson, J.S., Kukona, A., Braze, D., Johns, C. L., Van Dyke, J. A., Tabor, W., Mencl, W. E., Pugh, . K. R., & Shankweiler, D. P. (2010, January). Phonological instability in young adult poor readers: Time course measures and computational modeling. Talk presented at The Dyslexia Foundation Extraordinary Brain Symposium, "Dyslexia across languages: Orthography and the gene-brain-behavior link," Taiwan.
43. Magnuson, J. S. (2010, January). An overview of computational modeling in psycholinguistics. Talk presented at the National Yang Ming University Conference on the Cognitive and Neurobiological Foundations of Bilingualism: Towards Multinational Research on Second Language Acquisition. Taipei, Taiwan.

44. Magnuson, J. S. (2007, June). The use of artificial lexicons to examine typical and atypical language processing and development. Workshop on Current issues in language acquisition: Artificial languages and statistical learning. University of Calgary, June 22-24.
45. Mirman, D., Magnuson, J.S., Graf Estes, K., & Dixon, J.A. (June, 2007). Linking statistical learning to language processing. Workshop on Current issues in language acquisition: Artificial languages and statistical learning. University of Calgary, June 22-24.
46. Magnuson, J. S., (2006, August). Time course measures? Comparing eye tracking, mouse tracking, and ERP. UConn Workshop on Nonlinear Dynamics and Cognition (small workshop).
47. Dixon, J., & Magnuson, J. S., (2006, August). Growth curve analysis of eye tracking. UConn Workshop on Nonlinear Dynamics and Cognition (small workshop).
48. Magnuson, J. S. (2006, June). Artificial language studies and the distinction between statistical and linguistic knowledge. Invited participant in a “fishbowl” session on statistical learning, International Society for Infant Studies, Kyoto, Japan (large international conference).
49. Magnuson, J. S., (2006, April). Dynamics of spoken word recognition. Colloquium, NYU Department of Psychology.
50. Magnuson, J. S., (2006, April). Bottom-up and top-down constraints on ambiguity. Invited talk, USC Department of Linguistics Workshop on Ambiguity. (Small workshop with 6 speakers from across the nation.)
51. Magnuson, J. S., (2006, April). Dynamics of spoken word learning and recognition. Brown University Department of Linguistic and Cognitive Sciences.
52. Magnuson, J. S., (2006, February). Similarity of spoken words: From signal to semantics. Invited talk, LOVE Conference, Niagara Falls, Ontario. (Regional conference [Northeastern USA, Southeastern Canada], 1 of 6 speakers.)
53. Magnuson, J. S., (2006, February). Dynamics of spoken word recognition. Colloquium, University of Western Ontario, Department of Psychology.
54. Magnuson, J. S., (2005, March). It’s about time: Spoken word similarity is dynamic. Blumstein lab, Department of Linguistic and Cognitive Sciences, Brown University, Providence, RI.
55. Magnuson, J. S., (2005, April). The static lexicon? Workshop on the Dynamics of the Lexicon, Center for the Ecological Study of Perception and Action, University of Connecticut, Storrs.
56. Magnuson, J. S. (2004, March). University of California, Berkeley, Department of Linguistics.
57. Magnuson, J. S. (2004, March). University at Buffalo, Department of Psychology.
58. Magnuson, J. S. (2004, March). University of Toronto-Mississauga, Psychology.
59. Magnuson, J. S. (2004, January). Carnegie Mellon University, Department of Psychology.
60. Magnuson, J. S. (2004, January). Carnegie Mellon University, Cognitive Area.
61. Magnuson, J. S. (2004, January). University of Denver, Department of Psychology.
62. Magnuson, J. S. (2001, February). Annual meeting of the American Association for the Advancement of Science (AAAS), Symposium on “Eye Movements: Eye Movements and Spoken Language.” “Time, eye movements, and computational models of spoken language understanding.”
63. Magnuson, J. S. (2001, December). Sackler Center for Developmental Psychobiology, Cornell University Medical Center, New York City. "The Structure and Development of Spoken Word Recognition."
64. Magnuson, J. S. (2001, June). Canadian Society for Brain, Behavior, and Cognitive Science (symposium on "Computational Models of Memory and Language"). "Modeling the time course of spoken word recognition."
65. Magnuson, J. S. (1997, September). University of New Mexico, Department of Linguistics. “Using eye movements to track the time course of lexical access in continuous speech.”

66. Magnuson, J. S. (1997, September). University of Glasgow, Department of Psychology. “Eye movements and competition effects in spoken-word recognition.”

Conference presentations

1. Crinnion, A. M., Luthra, S., Gaston, P., & Magnuson, James S. (2021, November). Resolving competing predictions in speech perception [Oral Presentation]. Abstracts of the Psychonomic Society, 85.
2. Luthra, S., Magnuson, J. S., & Myers, E. B. (2021, October). Right posterior temporal cortex supports integration of phonetic and talker information [Poster Presentation].
3. Luthra, S., Mechtenberg, H., Giorio, C., Theodore, R. M., Magnuson, J. S., & Myers, E. B. (2021, October). Using TMS to evaluate a causal role for right posterior temporal cortex in talker-specific phonetic processing [Poster Presentation].
4. Luthra, S., Rueckl, J. S., & Magnuson, J. S. (2021, October). A computational investigation of the transformation from talker-specific detail to talker-invariant lexical representations.
5. Brown, K., Monto, N. R., Rueckl, J., & Magnuson, J. (2021). Distributed semantics in a neural network model of human speech recognition. Poster presentation. Proceedings of the Annual Meeting of the Cognitive Science Society, p. 3508.
6. Brodbeck, C., Luthra, S., Gaston, P., & Magnuson, J. S. (2021). Discovering computational principles in models and brains. Poster presentation. Proceedings of the Annual Meeting of the Cognitive Science Society, p. 3438.
7. Peraza-Santiago, G., Beeson, K., Luthra, S., Saltzman, D., Crinnion, A. M., & Magnuson, J. S. (2020, November). Robust Lexically-Mediated Compensation for Coarticulation (LCfC) supports feedback in spoken word recognition. Poster presented online at the Annual Meeting of the Psychonomic Society.
8. Grubb, S., Dalal, P., Daniel, J., Peraza-Santiago, G., Luthra, S., Saltzman, D., Xie, B., Crinnion, A. M., & Magnuson, J. S. (2020, November). Talkers, time, tasks, and similarity in spoken word recognition. Poster presented online at the Annual Meeting of the Psychonomic Society.
9. Saltzman, D., Luthra, S., Myers, E. B., & Magnuson, J. S. (2020, November). Multi-talker processing costs in monitoring reflect task demands, not normalization. Psychonomic Society, Virtual Conference, November 2020.
10. Brown, K., Yee, E., Saltzman, E., Magnuson, J. S., & McRae, K. (2020, August). What do computers know about semantics anyway? Testing distributional semantics models against a broad range of relatedness ratings. Poster presented at the Annual Meeting of the Cognitive Science Society.
11. Grubb, S., Daniel, J., Dalal, P., Peraza-Santiago, G., Xie, B., Luthra, S., Saltzman, D., & Magnuson, J.S. (2020, April). The phonological structure of human knowledge. *University of Connecticut Frontiers in Undergraduate Research (virtual forum due to pandemic)*.
12. Beeson, K., Peraza-Santiago, G., Luthra, S., Saltzman, D., & Magnuson, J.S. (2020, April). Context-sensitive speech perception: Lexically-mediated compensation for coarticulation. *University of Connecticut Frontiers in Undergraduate Research (virtual forum due to pandemic)*.
13. Daniel, J., Dalal, P., Grubb, S., Peraza-Santiago, G., Xie, B., Luthra, S., Saltzman, D., & Magnuson, J.S. (2020, April). A performance database for studying the structure of human semantic knowledge. *University of Connecticut Frontiers in Undergraduate Research (virtual forum due to pandemic)*.

14. Luthra, S., Steiner, R., Magnuson, J.S. & Myers, E. (2019, November). The influence of sentence context on lexically guided perceptual learning. Poster, Psychonomic Society, Montreal, QB.
15. Schoen Simmons, Elizabeth & Magnuson, J.S. (2019, November). Spoken word recognition in young children. Poster, Psychonomic Society, Montreal, QB.
16. Gow, D.W., Li, M.Y.C., & Magnuson, J.S. (2018, November). The consolations of clumpiness: How top-down lexical influences explain a paradox in the structure of lexical perceptual space. Poster, Psychonomic Society, New Orleans.
17. Li, M.Y.C., You, H., Luthra, S., Steiner, R., & Magnuson, J.S. (2018, November). Predictive processing in computational models of spoken word recognition. Poster, Psychonomic Society, New Orleans.
18. Luthra, S., You, H. & Magnuson, J.S. (2018, November). Orthographic neighbor effects on visual word identification differ across letter positions. Poster, Psychonomic Society, New Orleans.
19. Steiner, R.J., Brown, K., Allopenna, P.D., McRae, K., Saltzman, E., & Magnuson, J.S. (2018, November). Time and similarity in spoken word recognition. Poster, Psychonomic Society, New Orleans.
20. You, H., Nam, H., Allopenna, P.D., Brown, K., & Magnuson, J.S. (2018, November). DeepListener: A new neural network model of spoken word recognition that operates on real speech. Talk (presented by Magnuson), Psychonomic Society, New Orleans.
21. You, H., Nam, H., Allopenna, P., Brown, K., & Magnuson, J.S. (2018, August). DeepListener: A computational model of human speech recognition that works with real speech and develops distributed phonological codes. Poster, Society for the Neurobiology of Language, Quebec City, Quebec, Canada.
22. Magnuson, J.S., Li, M., You, H., Luthra, S. & Steiner, R. (2018, May). Predictive processing and predictive coding in computational models of spoken word recognition. Talk, Workshop on Predictive Processing, San Sebastian, Spain.
23. Simmons, E.S., Paul, R., Theodore, R., Li, M., & Magnuson, J. (2017). *Insight into spoken word processing in young children using eye movements*. Poster presented at the Conference of the Society for the Neurobiology of Language, Baltimore, MD, November.
24. Luthra, S., & Magnuson, J. S. Cumulative response probabilities: Estimating time course of lexical activation from single-point response times. Poster, Cognitive Science Society, London, UK, July 2017.
25. Eigsti, I. M., Mayo, J., Simmons, E., & Magnuson, J. S. (2016, November). Qualitative versus quantitative measurement of speech in autism: Beyond the Good and the Beautiful. Paper, *Boston University Conference on Language Development (BUCLD)*, Boston, MA.
26. Simmons, E.S., Dokura, S., DeMayo, D., Magnuson, J., & Eigsti, I. (2016, November). Acoustic and perceptual correlates of spoken prosody and their relationship to clinical ratings in Autism Spectrum Disorder. Poster presented at the Annual American Speech-Language Hearing Association, Philadelphia, PA.
27. Malins, J., Fitters, J., Magnuson, J. Goeger, C., Buis, B., Mencl, W. E., Sevcik, R., Pugh, K., Morris, R., & Frost, S. (2016, April). Was that a pibu I just saw? Using an artificial lexicon to characterize the link between phonological abilities and reading deficits in children. Poster presented at the 2016 Meeting of the Cognitive Neuroscience Society, New York, NY.
28. Gong, T., Braze, D., Magnuson, J., Mencl, E., Tabor, W., Van Dyke, J., & Shankweiler, D. (2016, March). Interactions between reading skills and lexical properties on on-line sentence reading. Poster presented at the 29th Annual CUNY Conference on Human Sentence Processing, Gainesville, FL.

29. Landi, N., Frost, S., Malins, J., Rueckl, J., Mencl, W. E., & Pugh, K. (2015, October). Behavioral and neural (fMRI) evidence for improved lexical learning in a paired associate learning paradigm after a period of offline consolidation. Poster presented at the Society for the Neurobiology of Language, Chicago, IL.
30. Kornilov, S., Landi, N., Lee, M., Magnuson, J., & Grigorenko, E. (2015, October). Cohesion of cortical language networks in the alpha EEG band during word processing is predicted by a common polymorphism in the SETBP1 gene. Poster presented at the Society for the Neurobiology of Language, Chicago, IL.
31. Tsai, J-T., Su, C-I. E., & Magnuson, J. S. (2015, October). Incremental processing of Chinese spoken words and the influence of fluent speech on lexical competition effects: Evidence for eye movements. Poster presented at the Society for the Neurobiology of Language, Chicago.
32. Zhang, C., Pugh, K. R., Mencl, W. E., Molfese, P. J., Frost, S. J., Magnuson, J. S., Peng, G., & Wang, W. S-Y. (2014, August). Temporal locus of interaction of phonetic and talker processing in speech perception: An ERP study. *Proceedings of the Annual Meeting of the Society for the Neurobiology of Language*, p. 34. Amsterdam.
33. Magnuson, J. S. (2014, July). Phoneme restoration in interactive activation models: Yes they can! *Proceedings of the 36th Annual Cognitive Science Society Conference*, p. 3347. Québec City.
34. Magnuson, J. S. (2014, July). Simple Recurrent Networks and human spoken word recognition. *Proceedings of the 36th Annual Cognitive Science Society Conference*, p. 3348. Québec City.
35. Johns, A. R. & Magnuson, J. S. (2014, May). Lexically-mediated perceptual learning generalizes to new word positions. Poster presented at the 167th Meeting of the Acoustical Society of America. Providence, USA.
36. Johns, C. L., Braze, D., Molfese, P. J., Van Dyke, J. A., Magnuson, J. S., Tabor, W., Mencl, W. E., Shankweiler, D. P. (2014, April). Structural MRI reveals correlations between individual differences in language-related cognitive abilities and thickness of language-relevant cortical areas. Poster presented at the Cognitive Neuroscience Society, Boston.
37. Magnuson, J. S., Frost, S., Landi, N., Molfese, P., Sharoh, D., Rueckl, J., Preston, J., Mencl, W. E., Pugh, K. (2014, April). A crucial role for phonological inhibition in auditory referential word learning: Evidence from an artificial lexicon paradigm. Poster presented at the Cognitive Neuroscience Society, Boston.
38. Zhang, C., Pugh, K. R., Mencl, W. E., Molfese, P. J., Frost, S. J., Magnuson, J. S., Peng, G., Wang, W. S-Y. (2014, April). Neural processing of phonetic and talker information in a tone language: An fMRI study. Poster presented at the Cognitive Neuroscience Society, Boston.
39. Frost, S., Landi, N., Molfese, P., Magnuson, J., Sharoh, D., Rueckl, J., Preston, J., Mencl, W. E., & Pugh, K. (2014, April). Differential functional activation in speech/language areas associated with auditory lexical learning as a function of sleep consolidation. Poster, Cognitive Neuroscience Society, Boston.
40. Brozdowski, C. R., Gordils, J., & Magnuson, J. S. (2013, November). Contra the Qualitatively Different Representation Hypothesis (QDRH), concrete concepts activate associates faster than abstract concepts. Talk presented at the Psychonomic Society, Toronto.
41. Brozdowski, C. R., Gordils, J., & Magnuson, J. S. (2013, November). Using text instead of pictures in the Visual World Paradigm: Phonological, semantic, and perceptual similarity effects. Poster presented at the Psychonomic Society, Toronto.
42. Kurian, A. M., Zhao, J., Magnuson, J., & Rueckl, J. (2013, November). Phoneme transposition effects in spoken word recognition. Poster presented at the Psychonomic Society, Toronto.

43. Myers, E., Mesite, L., Johns, A., & Magnuson, J. S. (2013, November). How the brain processes talker variability: The role of expectation. Poster presented at the Society for the Neurobiology of Language, San Diego.
44. Zhang, C., Magnuson, J. S., Landi, N., Peng, G., & Wang, W. S-Y. (2013, November). Adjust the expectation of the phonetic form of words according to a talker's voice: A phonological mismatch negativity study. Poster presented at the Society for the Neurobiology of Language, San Diego.
45. Magnuson, J. S. (2013, November). Interactive activation models simulate phoneme restoration with appropriate linking hypotheses. Poster presented at the Society for the Neurobiology of Language, San Diego.
46. Collison, B., Grela, B., Spaulding, T., Rueckl, J., & Magnuson, J. S. (2013, July). Individual differences in shape bias are predicted by non-linguistic perceptual ability. Proceedings of the 35th Annual Meeting of the Cognitive Science Society, 3910.
47. Johns, A., van der Lely, H., & Magnuson, J. S. (2013, July). Early Event-Related Potentials (ERPs) sensitive to animacy expectations in sentence comprehension are not overridden by context. Proceedings of the 35th Annual Meeting of the Cognitive Science Society, 3992.
48. Johns, A., van der Lely, H., & Magnuson, J. S. (2013, April). Structure-driven expectations for animacy drive early left event-related potential negativities that are not overridden by contextual expectations. Poster presented at the 20th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
49. Sadat, J., Martin, C.D., Magnuson, J., Alario, F.-X., & Costa, A. (2013, March). Breaking down the bilingual cost in speech production. Poster presented at the 11th International Symposium of Psycholinguistics, Tenerife, Canary Island, Spain.
50. Shaw, A., Demos, A. P., Arthur, D., & Magnuson, J. S. (2012, November). Individual differences in lexical quality of newly learned words. Poster presented at the Psychonomic Society, Minneapolis, MN.
51. Kornilov, S., Landi, N., Rakhlin, N., Grigorenko, E. L. & Magnuson, J. S. (2012, November). Atypical simple tone discrimination and processing in children with developmental language impairment. Poster presented at the Society for the Neurobiology of Language, San Sebastian, Spain.
52. Braze, D., Kukona, A., Tabor, W., Magnuson, J. S., Mencl, E., Kornilov, S., Van Dyke, J.A., Johns, C., & Shankweiler, D. (2012, May). Individual differences in speech-driven gaze patterns in the visual world task. The Scandinavian Workshop on Applied Eye Tracking, Karolinska Institutet, Stockholm.
53. Braze, D., Kukona, A., Tabor, W., Magnuson, J. S., Mencl, W. E., Kornilov, S., et al. (2011). Variation in visual world performance is related to both verbal and visual memory. Palo Alto, CA: Poster presented at the 24th CUNY Conference on Human Sentence Processing.
54. Mirman, D., Kornilov, K., & Magnuson, J. S. (2011). Fluent speech, uncertainty, and spoken word recognition. Architectures and Mechanisms of Language Processing (AMLAP) 2011, Paris, France, 1-3 September.
55. Fang, S. (g), Li, J. & Magnuson, J. S. (March, 2010). Reconsidering ERP evidence for early syntactic encapsulation. Talk presented at the 23rd Annual CUNY Conference on Human Sentence Processing, New York, NY.
56. Fang, S. & Magnuson, J.S. (Nov., 2009). An electrophysiological study of temporal order and learning in speech perception. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.
57. Li, J., Fang, S., & Magnuson, J.S. (Nov., 2009). An electrophysiological index of learned anomaly anticipation in reading. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.

58. Viswanathan, N., Magnuson, J. S., & Fowler, C. A. (Nov., 2009). Effects of sine wave contexts on compensation for coarticulation. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.
59. Fang, S. & Magnuson, J.S. (2008). Effects of unrelated distractor frequency in the visual world paradigm. Poster presented at the *49th Annual Meeting of the Psychonomic Society*, Chicago, USA.
60. Magnuson, J.S., Mirman, D., & Dixon, J. (2008). A statistical and computational modeling approach to group and individual differences in the time course of language processing. *Poster presented at the 21st Annual CUNY Conference on Human Sentence Processing*. Chapel Hill, NC.
61. Mirman, D. and Magnuson, J.S. (2008). Dynamics of activation of semantically similar concepts during spoken word recognition. Paper presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL.
62. Mirman, D., Yee, E., Magnuson, J.S., & Blumstein, S. (2008). Statistical and computational investigations of the time course of spoken word recognition in aphasia. Poster presented at the *2008 Meeting of the Cognitive Neuroscience Society*, San Francisco, CA.
63. Viswanathan, N., Tobin, S. J., Magnuson, J. S., & Fowler, C. A. (2008). Motor compatibility effects on speech perception. Poster presented at the 49th Annual meeting of the Psychonomic Society.
64. Kukona, A., Fang, S., Aicher, K., Chen, H., & Magnuson, J. S. (2007). Predictive constraints on sentence processing: Argument structure and semantic priming. Talk delivered at the *20th Annual CUNY Conference on Human Sentence Processing*, La Jolla, CA.
65. Magnuson, J. S., & Strauss, T. (2007). Do spoken words tell us how long they will be? Poster presented at the *20th Annual CUNY Conference on Human Sentence Processing*, La Jolla, CA.
66. Magnuson, J.S. & Mirman, D. (2007). Neighborhood effects in word recognition: It's not where you live, it's how you get home. Paper presented at the *48th Annual Meeting of the Psychonomic Society*, Long Beach, CA.
67. Magnuson, J.S., Mirman, D., & Strauss, T. (August, 2007). Why do neighbors speed visual word recognition but slow spoken word recognition? Paper presented at the 13th Annual Conference on Architectures and Mechanisms for Language Processing, Turku, Finland.
68. Mirman, D. & Magnuson, J.S. (2007). Attractor dynamics and semantic neighborhood density: Processing is slowed by near neighbors and speeded by distant neighbors. Paper presented at the 2nd UConn Workshop on Cognition and Dynamics, Storrs, CT.
69. Mirman, D., Magnuson, J.S., Graf Estes, K., & Dixon, J.A. (2007). Linking statistical learning to language processing. Invited paper presented at the Workshop on Current Issues in Language Acquisition: Artificial Languages and Statistical Learning, Calgary, Alberta, Canada.
70. Mirman, D., Magnuson, J.S., Strauss, T.J., & Dixon, J.A. (2007). The time course of pragmatic context integration in homophone ambiguity resolution. Poster presented at the *48th Annual Meeting of the Psychonomic Society*, Long Beach CA.
71. Mirman, D., Strauss, T., Magnuson, J.S., & Dixon, J.A. (2007). Integration of pragmatic context in homophone ambiguity resolution: Time course of activation of context-appropriate and context-inappropriate meanings. Poster presented at the *20th Annual CUNY Conference on Human Sentence Processing*, La Jolla, CA.
72. Salverda, A. P., Spivey, M., Magnuson, J.S., & Tanenhaus, M. K. (2007). Eye movements and hand movements as indices of lexical processing. Poster presented at the *20th Annual CUNY Conference on Human Sentence Processing*, La Jolla, CA.

73. Viswanathan, N., Magnuson, J.S., & Fowler, C.A. (2007, November). Effects of Nonspeech Contexts on Speech Categorization: A Critical Examination. Poster presented at the *48th Annual meeting of the Psychonomic Society*, Long Beach CA.
74. Dixon, J., & Magnuson, J. S., (2006, August). Growth curve analysis of eye tracking. UConn Workshop on Nonlinear Dynamics and Cognition (small workshop).
75. Magnuson, J. S., (2006, August). Time course measures? Comparing eye tracking, mouse tracking, and ERP. UConn Workshop on Nonlinear Dynamics and Cognition (small workshop).
76. Mirman, D. & Magnuson, J.S. (2006). Location, Location, Location: Contrasting Effects of Near and Distant Semantic Neighbors on Semantic Access. *Poster presented at the 47th Annual Meeting of the Psychonomic Society*, Houston, TX.
77. Strauss, T. J., Magnuson, J. S., & Harris, H. D. (2006). jTRACE: A user-friendly reimplementation and extension of the TRACE model of speech perception and spoken word recognition. *Journal of the Acoustical Society of America*, *119* (5), 3245.
78. Viswanathan, N., Magnuson, J.S., & Fowler, C.A. (2006). Compensation for coarticulation : Three theories compared. *Journal of the Acoustical Society of America*, *119* (5), 3241.
79. Viswanathan, N., Magnuson, J.S., & Fowler, C.A. (2006, November). Compensation for coarticulation : Comparing Contrast and Gestural theories. Poster presented at the 47th Annual meeting of the Psychonomic Society.
80. Harris, H. D. & Magnuson, J. S. (2004). Proper names, common nouns, and category learning. Poster presented at the Annual Meeting of the Psychonomic Society.
81. Magnuson, J.S., Tanenhaus, M. K. & Aslin, R. N. (2003). The time course of lexical competition in spoken word recognition. *Abstracts of the Psychonomic Society: 44th Annual Meeting*, 8, 96.
82. Magnuson, J. S., Tanenhaus, M. K., Aslin, R. N., & Dahan, D. (2001). Eye movements and artificial lexicons: A paradigm for measuring real-time language processing and evaluating models. Poster presented at the *14th Annual CUNY Conference on Human Sentence Processing*.
83. McMurray, B., Magnuson, J. S., Tanenhaus, M. K., & Aslin, R. N. (2001). Transitional probabilities and lexical status in spoken word recognition. Poster presented at the *14th Annual CUNY Conference on Human Sentence Processing*.
84. Chambers, C. G., Tanenhaus, M. K., & Magnuson, J. S. (2000). Interaction of referential context and real-world knowledge in syntactic ambiguity resolution. Paper presented at the Annual Meeting of the Linguistic Society of America, Chicago, IL.
85. Dahan, D., Magnuson, J. S., Tanenhaus, M. K., & Hogan E. (2000). Tracking the time course of subcategorical mismatches on lexical access. Poster, Annual meeting of the Psychonomic Society.
86. Chambers, C. G., Tanenhaus, M. K., & Magnuson, J. S. (1999). Real-world knowledge modulates referential effects on PP-attachment: Evidence from eye movements in spoken language comprehension. Paper presented at the Fifth Conference on Architectures and Mechanisms for Language Comprehension (AMLaP), Edinburgh, UK.
87. Magnuson, J. S., Dahan, D., Tanenhaus, M. K., & Aslin, R. N. (1999). A study of frequency and neighborhood effects on spoken word recognition using an artificial lexicon. *Proceedings of the Twelfth Annual CUNY Conference on Human Sentence Processing*, 98.
88. Magnuson, J. S., Tanenhaus, M. K., Aslin, R. N., & Dahan, D. (1999). Learning a novel lexicon: Effects of frequency, phonological overlap, and neighborhood density. Paper presented at the First Empire State Speech Conference, Binghamton, NY.

89. Magnuson, J. S., Tanenhaus, M. K., Aslin, R. N., & Dahan, D. (1999). The time course of spoken-word recognition: Measurements and models. Paper presented at the Fifth Conference on Architectures and Mechanisms for Language Comprehension (AMLaP), Edinburgh, UK.
90. Magnuson, J. S., Bensinger, D. G., Hayhoe, M. M., & Ballard (1998). Statistical regularities and task constraints in perceptual learning. *Proceedings of the Association for Research in Vision and Ophthalmology, Investigative Ophthalmology and Visual Science*, 39.
91. Magnuson, J. S., Dahan, D., Allopenna, P. D., Tanenhaus, M. K., & Aslin, R. N. (1998). The development and microstructure of lexical dynamics. Talk presented at the First Annual Meeting of the North East Cognitive Science Society, May, Cornell University, Ithaca, NY.
92. Allopenna, P. D., Magnuson, J. S., & Tanenhaus, M. K. (1997b). Tracking the time course of lexical access in spoken word recognition. Presented at the 38th meeting of the Psychonomic Society, November, 1997.
93. Allopenna, P. D., Magnuson, J. S., & Tanenhaus, M. K. (1997c). Speech in time primes rhymes: Using eye movements to track lexical access in continuous speech. Paper presented at the 10th Annual CUNY Conference on Human Sentence Processing, March 20 - 22, Santa Monica, CA.
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