

Liina Pylkkänen, Ph.D.

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EDUCATION	1997 - 2002	Ph.D., Massachusetts Institute of Technology, Linguistics
	1995 - 1997	M.A., University of Pittsburgh, Linguistics
	1994 - 1995	Undergraduate exchange student, University of Pittsburgh
	1992 - 1994	Candidate for M.A. in English Philology, University of Tampere, Finland

POSITIONS	2016 – present	Professor, Departments of Linguistics and Psychology, NYU
	2010 - 2016	Associate Professor, Departments of Linguistics and Psychology, NYU
	2004 - 2010	Assistant Professor, Departments of Linguistics and Psychology, NYU
	2009 - present	Affiliate Faculty, NYU Abu Dhabi
	2003 - 2004	Postdoctoral Fellow, Department of Psychology, New York University & Department of Physiology and Neuroscience, New York University School of Medicine
	2002 - 2003	Postdoctoral Fellow, Department of Linguistics, New York University

HONORS	Spring 2005	Invitation to be a Fellow at the Center for Advanced Study in the Behavioral Sciences, Stanford, Palo Alto, CA
	Fall 2000	Provost's Fellowship, Massachusetts Institute of Technology
	Fall 1999	Henry B. Roger's Fellowship, Massachusetts Institute of Technology

RESEARCH	Cognitive neuroscience of language	neural bases of syntactic and semantic composition, morphological processing, lexical access, magnetoencephalography
	Theoretical linguistics	syntax-semantics interface, argument structure, event semantics, aspect

GRANTS	2018 - 2020	"Doctoral Dissertation Research: Neural Bases of Semantic Composition in the Verb Phrase". NSF DDRI Award BCS-1823913 for Songhee Kim. Amount awarded: \$18,117. PI.
	2017 - 2023	"Neuroscience of Language Lab at NYU Abu Dhabi". Award from the NYU Abu Dhabi Research. Amount awarded: \$4,941,082. PI.
	2012-2017	"The Computations of the Composing Brain: Cross-modal Generality and Computational Specificity". NSF Award BCS-1221723. Amount awarded: \$444,976. PI.
	2010-2017	"Neuroscience of Language Lab at NYU Abu Dhabi". Award from the NYU

Abu Dhabi Research Council to establish a magnetoencephalography laboratory for neurolinguistic research at NYU Abu Dhabi. Amount awarded: \$9,143,423. Co-PI.

- 2009-2010 "Neural Mechanisms in Combinatoric Semantics". Whitehead Fellowship for Junior Faculty in Biomedical and Biological Sciences. Amount awarded: \$24,600. PI.
- 2009-2010 "Neural Bases of Semantic Interpretation". NSF ADVANCE Research Challenge Grant. Amount awarded: \$10,000. PI.
- 2006-2010 "Neural Bases of Semantic Interpretation". NSF Award BCS-0545186. Amount awarded: \$400,000. PI.
- 2006-2007 "Neural Bases of Semantic Interpretation". University Research Challenge Fund Award, New York University. Amount awarded: \$20,000. PI.

PUBLICATIONS

BOOK Pylkkänen, L. (2008). *Introducing Arguments*. Cambridge, MA: MIT Press.

JOURNAL ARTICLES **Submitted** (* = equal contribution):

1. Kim, S., & Pylkkänen, L. (submitted). Composition of event concepts: Evidence for distinct roles for the left and right anterior temporal lobes.

Published / In press

2. Blanco-Elorrieta, E. & Pylkkänen, L. (in press). Ecological validity in research on bilingual language-switching and an experience-dependent bilingual advantage. *Trends in Cognitive Sciences*.
3. Sharpe, V.*, Reddigari, R*., Pylkkänen, L., Marantz, A. (2018). Automatic access to verb continuations on the lexical and categorical levels: Evidence from MEG. *Language, Cognition and Neuroscience*. doi.org/10.1080/23273798.2018.1531139.
4. Zhang, L., & Pylkkänen, L. (2018). Semantic composition of sentences word by word: MEG evidence for shared processing of conceptual and logical elements. *Neuropsychologia*, 119, 392-404.
5. Blanco-Elorrieta, E., Emmorey, K., & L. Pylkkänen, L. (2018). Decomposing language switching: MEG evidence from bimodal bilinguals. *PNAS*. www.pnas.org/cgi/doi/10.1073/pnas.1809779115 .
6. Flick, G.*, Oseki, Y.*, Kaczmarek, A., Al Kaabi, M., Marantz, A., & Pylkkänen, L. (2018). Building words and phrases in the left temporal lobe. *Cortex*, 106, 213-236 (*denotes equal contribution).
7. Hsu, CH., Lee, CY., Pylkkänen, L. (2018). Effects of morphological complexity in left temporal cortex: An MEG study of reading Chinese disyllabic words. *Journal of Neurolinguistics*. doi.org/10.1016/j.jneuroling.2018.06.004.
8. Zhang, L. & Pylkkänen, L. (2018). Composing lexical vs. functional adjectives in the left temporal lobe: Evidence for uniformity. *Psychonomic Bulletin and Review* doi.org/10.3758/s13423-018-1469-y.
9. Blanco-Elorrieta, E., Kastner, I., Emmorey, K. & Pylkkänen, L. (2018). Shared neural correlates for building phrases in signed and spoken language. *Scientific Reports*. doi:10.1038/s41598-018-23915-0.
10. Blanco-Elorrieta, E., Ferreira, V. S., Del Prato, P., & Pylkkänen, L. (2018). The priming of basic combinatory responses in MEG. *Cognition*, 170, 49-63.
11. Blanco-Elorrieta, E., & Pylkkänen, L. (2017). Bilingual Language Switching in the Laboratory versus in the Wild: The Spatiotemporal Dynamics of Adaptive Language Control. *Journal of Neuroscience*, 37(37), 9022-9036.
12. Williams, A., Reddigari, S., & Pylkkänen, L. (2017). Early sensitivity of left perisylvian cortex to relationality in nouns and verbs. *Neuropsychologia*, 100, 131-143.

13. Brodbeck, C. & Pykkänen, L. (2017). Language in context: Characterizing the comprehension of referential expressions with MEG. *NeuroImage*, 147, 447-460.
14. Brodbeck, C., Gwilliams, L. & Pykkänen, L. (2016). Language in Context: MEG Evidence for Modality-General and -Specific Responses to Reference Resolution. *eNeuro*, 3(6) e0145-16.2016.
15. Brennan, J. & Pykkänen, L. (2016). MEG evidence for incremental sentence composition in the anterior temporal lobe. *Cognitive Science*. doi:10.1111/cogs.12445.
16. Poortman, E. B., & Pykkänen, L. (2016). Adjective conjunction as a window into the LATL's contribution to conceptual combination. *Brain and Language*, 160, 50-60.
17. Ziegler, J. & Pykkänen, L. (2016). Scalar adjectives and the temporal unfolding of semantic composition. *Neuropsychologia*, 89, 161-171.
18. Blanco-Elorrieta, E., & Pykkänen, L. (2016). Bilingual language control in perception vs. action: MEG reveals reactive control mechanisms in anterior cingulate cortex and domain-general proactive control in dorsolateral prefrontal cortex. *Journal of Neuroscience*, 36(2), 290-301.
19. Blanco Elorrieta, E. & Pykkänen, L. (2016). Composition of complex numbers: Delineating the computational role of the left anterior temporal lobe. *NeuroImage*, 124, 194-203.
20. Brodbeck, C., Gwilliams, L., & Pykkänen, L. (2015). EEG can track the time course of successful reference resolution in small visual worlds. *Frontiers in Psychology*, 6. doi:10.3389/fpsyg.2015.01787.
21. Leiken, K., McElree, B., & Pykkänen, L. (2015). Filling predictable and unpredictable gaps, with and without similarity-based interference: Evidence for LIFG effects of dependency processing. *Frontiers in Psychology*, 6. doi:10.3389/fpsyg.2015.01739.
22. Zhang, L., Pykkänen, L. (2015). The interplay of composition and concept specificity in the left anterior temporal lobe: An MEG study. *NeuroImage*, 111, 228-240.
23. Blanco Elorrieta, E. & Pykkänen, L. (2015). Brain bases of language selection: MEG evidence from Arabic-English bilingual language production. *Frontiers in Human Neuroscience*. | doi: 10.3389/fnhum.2015.00027
24. Westerlund, M., Kastner, I., Al Kaabi, M., & Pykkänen, L. (2015). The LATL as locus of composition: MEG evidence from English and Arabic. *Brain and Language*, 141, 124 - 134.
25. Leffel, T., Lauter, M., Westerlund, M., & Pykkänen, L. (2014). Restrictive vs. non-restrictive composition: a magnetoencephalography study. *Language, Cognition and Neuroscience*, 29, 1191-1204.
26. Pykkänen, L., Bemis, D.K., & Blanco Elorrieta (2014). Simple composition during language production in MEG. *Cognition*, 133, 371-384.
27. Del Prato, P., & Pykkänen, L. (2014). MEG evidence for conceptual combination but not numeral quantification in the left anterior temporal lobe during language production. *Frontiers in Psychology*, 5, 524.
28. Westerlund, M., & Pykkänen, L. (2014). The role of the left anterior lobe in semantic composition vs. semantic memory. *Neuropsychologia*. 57, 59–70.
29. Leiken, K., & Pykkänen, L. (2014). MEG evidence that the LIFG effect of object extraction requires similarity-based interference. *Language, Cognition and Neuroscience*, 29(3), 381-389.
30. Linzen, T., Marantz, A. & Pykkänen, L. (2013). Syntactic context effects in visual word recognition: An MEG study. *The Mental Lexicon*, 8(2), 117-139.
31. Bemis, D.K. & Pykkänen, L. (2013). Flexible composition: MEG evidence for the deployment of basic combinatorial linguistic mechanisms in response to task demands. *PLoS ONE*, 8(9), e73949. doi:10.1371/journal.pone.0073949
32. Bemis, D.K. & Pykkänen, L. (2013). Combination across domains: An MEG investigation into the relationship between mathematical, pictorial, and linguistic processing. *Frontiers in Psychology*, 3, 583. doi: 10.3389/fpsyg.2012.00583.

33. Poeppel, D., Emmorey, K., Hickok, G., & Pykkänen, L. (2012). Towards a new neurobiology of language. *Journal of Neuroscience*, 32(41), 14125-31.
34. Rabagliati H, Pykkänen L, Marcus GF. (2012). Topdown influence in young children's linguistic ambiguity resolution. *Developmental psychology*, 49, 1076.
35. Dikker, S. & Pykkänen, L. (2012). Predicting language: MEG evidence for lexical preactivation. *Brain and Language*, 127, 55-64.
36. Brennan J, Pykkänen L. (2012). The time-course and spatial distribution of brain activity associated with sentence processing. *Neuroimage*, 60, 1139-1148.
37. Bemis, D. & Pykkänen, L. (2012). Basic linguistic composition recruits the left anterior temporal lobe and left angular gyrus during both listening and reading. *Cerebral Cortex*, doi:10.1093/cercor/bhs179.
38. Dikker S, Pykkänen L. (2011). Before the N400: effects of lexical-semantic violations in visual cortex. *Brain and Language*, 118, 23-8.
39. Rabagliati, H., Marcus, G. F. & Pykkänen, L. (2011). Rules, Radical Pragmatics and Restrictions on Regular Polysemy. *Journal of Semantics*, 28, 485–512.
40. Bemis, D. K., & Pykkänen, L. (2011). Simple Composition: A Magnetoencephalography Investigation into the Comprehension of Minimal Linguistic Phrases. *The Journal of Neuroscience*, 31, 2801-2814.
41. Rabagliati, H., Marcus, G.F., & Pykkänen, L. (2010). Shifting senses in semantic development. *Cognition*, 117, 17-37.
42. Pykkänen, L., Brennan, J. & Bemis, D. K. (2010) Grounding the Cognitive Neuroscience of Semantics in Linguistic Theory. *Language and Cognitive Processes*, 26, 1317-1337.
43. Pykkänen, L., & Okano, K. (2010). The nature of abstract orthographic codes: Evidence from masked priming and magnetoencephalography. *PLoS ONE* 5(5): e10793. doi:10.1371/journal.pone.0010793.
44. Brennan, J., Nir, Y., Hasson, U., Malach, R., Heeger, D., & Pykkänen, L. (2010). Syntactic complexity predicts anterior temporal activity during natural story listening. *Brain and Language*, 120, 163-173.
45. Brennan, J., & Pykkänen, L. (2010). Processing psych verbs: Behavioral and MEG measures of two different types of semantic complexity. *Language and Cognitive Processes*, 25, 777-807.
46. Dikker, S., Rabagliati, H., Farmer, T. A., & Pykkänen, L. (2010). Early occipital sensitivity to syntactic category is based on form typicality. *Psychological Science* 21, 629-634.
47. Pykkänen, L., Oliveri, B., & Smart, A. (2009). Semantics vs. world knowledge in prefrontal cortex. *Language and Cognitive Processes*, 24, 1313-1334.
48. Dikker*, S., Rabagliati*, H., & Pykkänen, L. (2009). Sensitivity to syntax in visual cortex. *Cognition*, 110, 293-321.
49. Pykkänen, L., Martin, A. E., McElree, B., & Smart, A. (2009). The Anterior Midline Field: Coercion or decision making? *Brain and Language*, 108, 184-90.
50. Zweig, E., & Pykkänen, L. (2009). A visual M170 effect of morphological complexity. *Language and Cognitive Processes*, 24, 412 - 439.
51. Pykkänen, L. (2008). Mismatching Meanings in Brain and Behavior. *Language and Linguistics Compass*, 2/4, 712 - 738.
52. Brennan, J., & Pykkänen, L. (2008). Processing events: Behavioral and neuromagnetic correlates of aspectual coercion. *Brain and Language*, 106, 132-143.
53. Harris, J., Pykkänen, L., McElree, B., & Frisson, S. (2008). The cost of question concealment: Eye-tracking and MEG evidence. *Brain and Language*, 107, 44-61.
54. Pykkänen, L., & McElree, B. (2007). An MEG Study of Silent Meaning. *Journal of Cognitive Neuroscience*, 19, 1905-1921.
55. Pykkänen, L., Llinas, R., & Murphy, G. L. (2006). Representation of polysemy: MEG evidence. *Journal of Cognitive Neuroscience*, 18, 1–13.

56. McElree, B., Pykkänen, L., Pickering, M., & Traxler, M. (2006). The time course of enriched composition. *Psychonomic Bulletin & Review*, 13, 53-59.
57. Pykkänen, L., Feintuch, S., Hopkins, E., & Marantz, A. (2004). Neural correlates of the effects of morphological family frequency and family size: An MEG study. *Cognition*, 91, B35-B45.
58. Pykkänen, L., & Marantz, A. (2003). Tracking the time course of word recognition with MEG. *Trends in Cognitive Sciences*, 7, 187-189.
59. Pykkänen, L., Stringfellow, A., & Marantz, A. (2002). Neuromagnetic evidence for the timing of lexical activation: An MEG component sensitive to phonotactic probability but not to neighborhood density. *Brain and Language*, 81, 666-678.

- BOOK CHAPTERS
1. Westerlund, M. & Pykkänen, L. (2017). How Does the Left Anterior Temporal Lobe Contribute to Conceptual Combination? Interdisciplinary Perspectives. In Hampton, J. A., & Winter, Y. (Eds.). (2017). *Compositionality and concepts in linguistics and psychology* (Vol. 3). Springer.
 2. Pykkänen, L. (2015). Composition of Complex Meaning: Interdisciplinary perspectives on the left anterior temporal lobe. In G. Hickok & S. Small (Eds.), *Neurobiology of Language, 1st Edition*. NY: Elsevier.
 3. Pykkänen, L., & McElree, B. (2006). The syntax-semantic interface: On-line composition of sentence meaning. In M. Traxler & M.A. Gernsbacher (Eds.), *Handbook of Psycholinguistics* (2nd Ed), 537-577. NY: Elsevier.
 4. Pykkänen, L., (1999). On stativity and causation. In C. Tenny and J. Pustejovsky (Eds.) *Events as grammatical objects*. CSLI Publications. 417-445.

INVITED TALKS

2018

1. October: Trondheim meeting "Towards mechanistic theories of meaning composition"
2. Sept: Colloquium at UPenn.
3. August: Oslo summer school.
4. March: Rutgers Newark Colloquium.
5. July: Lake Tahoe meeting on Cognitive Neurosciences volume.

2017

6. Keynote speaker at ESPP 2017 (European Society for Philosophy and Psychology), University of Hertfordshire, UK.
7. Invited speaker at the 1st Conference on Interdisciplinary Approaches to Linguistic Theory, Rethymnon, Crete, Greece.
8. Keynote speaker at an MEG workshop at Macquarie University in Sydney, Australia.

2016

9. Invited symposium speaker at BIOMAG2016, Seoul, Korea.
10. Invited speaker at "Genetics and Neurobiology of Language," Cold Spring Harbor, NY.
11. SUNY Stonybrook Linguistics Colloquium
12. Invited speaker at the Berkeley Linguistic Society 2016.
13. Language, and Hearing Sciences Colloquium, University of Arizona
14. University of Maryland Cognitive Science Colloquium

2015

15. Scholars lecture series, CAS NYU.
16. European Workshop on Cognitive Neuropsychology (Bressanone, Italy).
17. IDEALAB 2015 lecture series (Bressanone, Italy).
18. SMART International Cognitive Science Conference (Amsterdam, NL; cancelled for personal reasons).

2014

19. Invited speaker at the Arizona Linguistics Circle 8 (focus on Language and the Brain). UMass Linguistics colloquium.
21. Invited speaker at "Genetics and Neurobiology of Language," Cold Spring Harbor, NY.
22. Invited speaker at *Experimental Perspectives on Event Coercion* (part of *Chronos 11*) in Pisa, Italy.

23. UConn Colloquium. Dept. of Linguistics.
2013
24. Invited speaker at the *The 26th annual CUNY Sentence Processing Conference* ("Building meanings in theory vs. in the brain"). University of Southern California.
25. Invited speaker at the *Experimental Arabic Linguistics (EXAL) 2013* conference. Al Ain, United Arab Emirates.
26. Invited (though not keynote) speaker at *Concept Composition & Experimental Semantics/Pragmatics workshop*, Utrecht, NL. (talk however delivered by Masha Westerlund).
27. University of Delaware Colloquium. Dept. of Linguistics.
28. CMU Colloquium. Dept of Machine Learning.
29. UCSD Colloquium. Depts of Linguistics & Cognitive Science.
30. USC Colloquium. Dept. of Linguistics.
2012
31. Colloquium at McMaster University, CA. (cancelled)
32. "Towards a New Neurobiology of Language" symposium at the Society for Neuroscience 2012.
33. Sinn und Bedeutung, Paris, France.
34. Core knowledge and language workshop, Leiden, NL.
2011
35. MIT Ling50 "50 years of Linguistics at MIT"
36. Language and Cognition colloquium at Columbia.
37. IRCS Colloquium. Institute for Research in Cognitive Science at the University of Pennsylvania.
2010
38. The Neuromagnetism of Natural Language Combinatory Semantics. Cornell Linguistics Colloquium.
39. The Neuromagnetism of Natural Language Combinatory Semantics. Plenary Symposium on Cognition. BIOMAG 2010, 17th International Conference on Biomagnetism. Dubrovnik, Croatia.
2009
40. Studying the neural bases of semantic composition with MEG. MEGLANG 2009 Workshop Paris, France.
41. Studying the neural bases of semantic composition with MEG. Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany.
42. The Anterior Midline Field: Progress Report. Maryland Mayfest: "Moving Beyond Truth Conditions: The Computation of Meaning." University of Maryland, College Park, MD.
43. Event coercion in brain and development. "Events across categories: Theoretical and experimental approaches to event structure." Madrid, Spain.
2008
44. Semantics vs. World Knowledge in Prefrontal Cortex. Neurolinguistics and Imaging: Progress and Prospects Workshop / NYU Abu-Dhabi, United Arab Emirates.
45. Semantics vs. World Knowledge in Prefrontal Cortex. Satellite Symposium at Biomag 2008: Uncovering the mechanisms of language processing by MEG. Sapporo, Japan.
46. Semantic Composition and the Anterior Midline Field. WCCFL 27, UCLA.
47. Semantic Composition and the Anterior Midline Field. Workshop on Psycholinguistics. University of Calgary.
2007
48. Syntax-Semantics Mismatch and the Neural Bases of Semantic Composition. Experimental Pragmatics 2007 Humboldt Universitaet, Berlin, Germany.
11. Polysemy in the Brain. Invited lecture at the Workshop on Polysemy and Conceptual Representation. Siegen, Germany.
12. Semantics in the Composing Brain: Neural Correlates of Type Mismatch Resolution. Invited lecture at the "Workshop on Language, Mind, and the Brain", Keio University, Tokyo, Japan.
2006
13. The Visual System and Morphology. UMass Linguistics Colloquium
14. The Visual System and Morphology. UPenn Linguistics Colloquium.
15. From word form to sentence meaning: MEG investigations. Center for Advanced Study in

Theoretical Linguistics. Tromsø, Norway.

16. From word form to sentence meaning: MEG investigations. MIT Brain & Cognitive Sciences Departmental Seminar.
17. Mechanisms of Noncompositionality Resolution. UCLA Linguistics Department Colloquium.

2005

18. Linguistics in Cognitive Neuroscience. Happy Golden Anniversary, Generative Syntax: 50 years since LSLT. Workshop at the 2005 LSA Institute.
19. Missing Meanings. Issues on the Form and Interpretation of Argument Structure at the 2005 LSA Institute.
20. Words and Brains (with Alec Marantz). Milan, Italy.
21. Missing Meanings: A Cognitive Neuroscience Approach. Department of Linguistics Colloquium Series. University of Maryland.

2004

22. Compositionality and Neural Evidence. Psycholinguistics Supper, CUNY Graduate Center.
23. Manipulating Meaning: MEG Investigations. Cognitive Science Colloquium. Institute of Cognitive Science. University of Osnabrueck, Germany.
24. The Neuromagnetism of Linguistic Identity: MEG Investigations. Speech and Hearing Sciences Colloquium, CUNY Graduate Center.

2003

25. MEG Evidence for Early Effects of Morphology. KIT 3rd International Symposium on Brain and Language. Tokyo, Japan.
26. Competition at multiple levels: MEG studies of lexical processing. Cognitive seminar. Columbia University, Department of Psychology.
27. MEG, the Mental Lexicon and Morphology. Lecture series on Electrophysiology and Language. Nagano, Japan. Jointly organized by a group of researchers from the National Institute of Physiology in Japan, Hiroshima University, Tokyo University and Tohoku University.
28. How many representations? Using MEG to probe into representational identity. Department of Psychology, University of Michigan, Ann Arbor, MI.
29. The representation and processing of secondary predication. Linguistics Department Colloquium Series, SUNY, Stony Brook.
30. The representation and processing of secondary predication. Linguistics Department Colloquium Series, Princeton University.
31. Double objects and secondary predication. Syntax talk series, CUNY Graduate Center.
32. How many representations? Using MEG to probe into representational identity. Psycholinguistics talk series, CUNY Graduate Center.

2002

33. Timing in mind and brain: Lexical access. The First CMI Workshop on Morphological Processing and the Brain, Cambridge, UK.
34. The neuromagnetism of lexical access: MEG indices of activation and competition. Linguistics Department Colloquium Series. New York University, New York City, NY.
35. The neuromagnetism of lexical access: MEG indices of activation and competition (with Alec Marantz). Speech Communication Group Seminar Series, MIT Speech Communication Group, Research Laboratory of Electronics, MIT, Cambridge, MA.
36. The neuromagnetism of lexical access: MEG indices of activation and competition. Cognitive seminar, Department of Brain and Cognitive Sciences, MIT, Cambridge, MA.
37. The neuromagnetism of lexical access: MEG indices of activation and competition. Department of Linguistics and Philosophy, Massachusetts Institute of Technology, Cambridge, MA.

2001

38. The neuromagnetism of lexical access: MEG indices of activation and competition. Cognitive Science Department Colloquium, Johns Hopkins University, Baltimore, MD.
39. The neuromagnetism of lexical access: MEG indices of activation and competition. Linguistics Department Colloquium, University of Delaware, Newark, DE.
40. M350: an MEG index of lexical activation. Department of Psychology and Department of Speech Pathology Seminar Series, McGill University, Montreal, Canada.
41. Verbal Domains. McGill Linguistics Colloquium Series. McGill University, Montreal,

Canada.

42. Possessor Dative Constructions are Double Object Constructions. MIT Appl Fest: A workshop on the syntax and semantics of applicative constructions, Cambridge, MA.

2000

43. MEG Studies of Lexical Access. The Second International Symposium of the Mind Articulation Project. Image, Language and Brain: Toward an Integrated Understanding. University of Tokyo, Tokyo, Japan.

1998

44. Where is the Internal/External Causation Distinction? The Second Penn/MIT Roundtable on the Lexicon, Cambridge, MA.
45. On the Internal Structure of Stativity. MIT Lecture Series on Argument Structure..

1997

46. The Lexical Semantics of Finnish Psych Verbs. University of Pittsburgh Linguistics Colloquium.

CONFERENCE PRESENTATIONS

Since approx. 2000, annual or semi-annual participation in the CUNY Sentence Processing Conference, the Society for the Neurobiology of Language (SNL), the Annual Meeting of the Cognitive Neuroscience Society (CNS) and Biomag. Since lab website for a complete list of posters and conference talks <http://www.psych.nyu.edu/pylkkanen/lab/publications.html>.

REGULAR COURSES AT NYU-NYC

Neural Bases of Language (undergrad)
Neurolinguistics (grad)
Advanced Seminar in Neurolinguistics (grad)
Language and Mind (undergrad)

TEACHING AT NYU-AD & INVITED MINICOURSES

August 2018	Mini-course "Syntax in the Brain" at the <i>The Norwegian Summer Institute on Language and Mind</i> , Oslo, Norway.
January 2018	Neural Bases of the World's Language. (J-term course at NYU Abu Dhabi, content of full semester in 2.5 weeks)
Spring 2013	Lab in Cognitive Neuroscience: MEG. NYU Abu Dhabi. (7 week course)
Spring 2011	Summer school on the Cognitive Neuroscience of Communicative Meaning, Utrecht, the Netherlands
Fall 2009	Neural Bases of Syntax and Semantics: State of the Art. EALing 2009. Department of Cognitive Studies, École Normale Supérieure. Paris, France.
Spring 2006	Neurolinguistics. <i>Center for Advanced Study in Theoretical Linguistics</i> . Tromsø, Norway (taught jointly with Colin Phillips and Alec Marantz).
Spring 2005	Neurolinguistics. LOT Winter School in Linguistics. Groningen, The Netherlands.
Fall 2003	Instructor, Minicourse on MEG, the Mental Lexicon and Morphology. Organized by the National Institute of Physiology in Japan, Hiroshima University, Tokyo University and Tohoku University. Nagano, Japan.

CURRENT STUDENTS

Advisees	Graham Flick	(1 st year Psychology)
	Alicia Parrish	(2 nd year PhD Linguistics)
	Sarah Phillips	(2 nd year PhD Linguistics)
	Maxime Tulling	(3 rd year PhD Linguistics)
	Esti Blanco-Elorrieta	(4 th year PhD Psychology)
	Songhee Kim	(6 th year PhD Linguistics)

Qualifying paper chair (Ling)

COMPLETED STUDENTS	PhD (dissertation chair)	2018	Adina Williams	Linguistics (currently a post-doc at Facebook AI)	
		2016	Linmin Zhang	Linguistics (currently a post-doc at NYU Shanghai)	
		2016	Christian Brodbeck	Psychology (currently a post-doc at Computational Sensorimotor Systems Laboratory the the University of Maryland)	
		2015	Masha Westerlund	Psychology (currently a Research Fellow at the New York Hall of Science)	
		2014	Kimberly Leiken	(Linguistics, currently a postdoc at the Cincinnati Children's Hospital)	
		2012	Douglas Bemis	(Psychology, post-doc at INSERM-CEA Cognitive Neuroimaging unit, Paris)	
		2010	Jonathan Brennan	(Linguistics, currently an Assistant Professor at the University of Michigan)	
		2010	Suzanne Dikker	(Linguistics, currently a Research Scientist at Utrecht University and NYU)	
		2010	Hugh Rabagliati	(Psychology, co-chaired by Gary Marcus, currently a Chancellor's Fellow at the University of Edinburgh)	
		2007	Lisa Levinson	(Linguistics, co-chaired by Richard Kayne. Currently Associate Professor of Linguistics at Oakland University, Michigan)	
		Dissertation committees	2018	Yuhei Oseki	(Linguistics: Psycho/Neurolinguistics)
			2015	Tal Linzen	(Linguistics: Psycho/Neurolinguistics)
			2015	Meera Al Kaabi	(Linguistics: Neurolinguistics)
			2014	Timothy Leffel	(Linguistics: Semantics)
2007	Eytan Zweig		(Linguistics: Semantics)		
MA Thesis supervisor	2008	Kana Okano	(Psychology: Neurolinguistics)		
	2006	Peter Liem	(Linguistics: Neurolinguistics)		
Qualifying paper chair (Ling)	2018	Maxime Tulling	(Neurolinguistics)		
	2016	Songhee Kim	(Neurolinguistics)		
	2015	Adina Williams	(Neurolinguistics)		
	2015	Becky Laturus	(Neurolinguistics)		
	2014	Jayden Ziegler	(Neurolinguistics)		
	2013	Linmin Zhang	(Neurolinguistics)		
	2013	Meera Al Kaabi	(Neurolinguistics)		
	2013	Vera Xu	(Neurolinguistics)		
	2010	Inna Livitz	(Neurolinguistics)		
	2008	Suzanne Dikker	(Neurolinguistics)		
	2007	Jonathan Brennan	(Neurolinguistics)		
	2007	Tuuli Adams	(Neurolinguistics)		
	2005	Lisa Levinson	(Semantics)		
2004	Eytan Zweig	(Neurolinguistics)			
Qualifying paper committee member (Ling)	2007	Kevin Roon	(Psycholinguistics)		
	2006	Andrea Cattaneo	(Semantics)		
	2006	En-Hsing Liu	(Semantics)		
	2005	Eytan Zweig	(Semantics)		
	2005	Peter Liem	(Syntax)		
Honors thesis advisor	2008	Bridget Oliveri	(Language and Mind)		
Honors thesis committees	2007	Elika Bergelson	(Language and Mind)		

1 st /2 nd year paper committee (Psych)	2007	Hugh Rabagliati	(Language Acquisition, 2 nd year committee)
	2006	Andrea Martin	(Psycholinguistics, 2 nd year committee)
	2005	Andrea Martin	(Psycholinguistics, 1 st year committee)
	2005	Barbara Montagna	(Visual Cognition, 2 nd year committee)
UG independent study advisor	2006	Bridget Oliveri	(Neurolinguistics, Language & Mind major)
Intel project advisor	2010	Liza Strauss, Mamaroneck High School.	
	2006	Lily Tsoi, Stuyvesant High School.	
	2002	Sophie Feintuch, Portsmouth High School (Portsmouth, NH)	
	2002	Emily Hopkins, Portsmouth High School (Portsmouth, NH)	

SERVICE	Departmental	<p>2018 – 2019. Third year review committee, NYU Shanghai.</p> <p>2018 – 2020. Personnel Committee, Psychology.</p> <p>2017 – 2018. Director of Graduate Studies, Linguistics.</p> <p>AY 2015-2016. Chair of faculty search committee in language acquisition, Linguistics</p> <p>2014 – 2016. Director of Graduate Studies, Linguistics.</p> <p>2014 – 2016. Curriculum Committee, Linguistics.</p> <p>2014 – 2016. Personnel Committee, Psychology.</p> <p>Spring 2013, Faculty organizer for the Linguistics Open House (recruitment).</p> <p>Spring 2012. Merit Review Committee. Linguistics, NYU.</p> <p>2008 – 2010. Educational Policy Committee. Department of Psychology, New York University.</p> <p>2009 – 2010. Committee for redesigning the department website. Department of Linguistics, New York University.</p> <p>2006 – 2009. Space planning committee. Department of Linguistics, New York University.</p> <p>Fall 2004 – Spring 2005. Semantics Search Committee (senior search). Department of Linguistics, New York University.</p> <p>Fall 2005. Statistics committee. Department of Linguistics, New York University.</p> <p>Fall 2004 – 2005. Honors Committee. Department of Linguistics, New York University.</p> <p>Fall 2004. Committee for revising Ph.D. program requirements, Department of Linguistics, New York University.</p> <p>Spring 2003. Faculty mentor for freshmen, Department of Linguistics, New York University.</p> <p>1998 – 1999. Student-faculty representative, Department of Linguistics and Philosophy, MIT.</p> <p>Spring 1999. Student member of the committee for prospective students. Department of Linguistics and Philosophy, MIT.</p>
	Professional organizations	<p>2014 – 2017. Board of Directors of the Society for the Neurobiology of Language (role: Secretary, elected by the society membership).</p>
	Journals	<p>Action editor, <i>Brain and Language</i> (2010 - present).</p> <p>Action editor, <i>Psychonomic Bulletin and Review</i> (2014 - 2016).</p> <p>Member of the editorial board of <i>Journal of Semantics</i> (2009 - present).</p> <p>Ad hoc referee for <i>Brain and Language</i>, <i>Neuron</i>, <i>Neuroimage</i>, <i>Neuropsychologia</i>, <i>Journal of Neuroscience</i>, <i>Journal of Cognitive</i></p>

Neuroscience, Cognition, Cognitive Brain Research, Journal of Memory and Language, Neuroimage, Psychological Science, Psychophysiology, Trends in Cognitive Sciences, Language, Cognition and Neuroscience, etc..

- Grants Spring 2013. Member NSF site review committee for the Visual Language and Visual Learning (VL2) Center at Gallaudet University.
- Conferences Organized EXAL+ at NYU Abu Dhabi.
- Ad hoc referee for several linguistics and psychology conferences (e.g., NELS, WCCFL, CUNY, AMLAP, SALT).
- Co-organized the CUNY Sentence Processing Conference 2010.
- Organized *Miniworkshop on Magnetoencephalography and Language*, New York University, NY, December 2002.
- Co-organized *The Third Formal Approaches to Japanese Linguistics Conference*. MIT, Cambridge, MA. May 2001.
- Co-organized *Workshop on Events as Grammatical Objects*, Cornell University, Ithaca, NY. July 1997.
- Co-organized *The Second Penn/MIT Roundtable on the Lexicon*, MIT, Cambridge, MA. Nov. 1998.
- Edited volumes Co-Editor of the Language section of the *Cognitive Neurosciences IV* volume (with Karen Emmorey). 2018 – 2019.
- Pykkänen, L., vanHout, A., & Harley, H. (eds.) (1999). *Papers from the Second Penn/MIT Roundtable on the Lexicon*, MITWPL Volume 35, Cambridge, MA
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