

Curriculum Vitae
Edith Kaan

Department of Linguistics
University of Florida
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Research Interests:

Cognitive and neural mechanisms of first and second language processing and adaptation, with an emphasis on sentence-level comprehension; human brain electrophysiology.

Teaching Interests:

Brain and language, psycholinguistics, cognitive neuroscience, research methodology.

Education

- 1997 Ph.D., Linguistics, and Behavioral, Cognitive and Neurosciences, University of Groningen, The Netherlands. *Cum Laude*. Ph.D. Thesis ‘Processing Subject-Object Ambiguities in Dutch.’
- 1992 B.A./M.A., Linguistics, University of Groningen. The Netherlands. *Cum Laude*. M.A. Thesis ‘A Minimalist Approach to Extraposition.’
- 1987-1989 Linguistics, and Dutch Linguistics and Literature, University of Nijmegen, The Netherlands.

Academic Positions

- 2022- *present* Full professor, Department of Linguistics, University of Florida, Gainesville, FL.
- 2008-2022 Associate professor, Department of Linguistics, University of Florida, Gainesville, FL.
- Sept.-November 2021 Visiting scholar, Radboud University, Nijmegen, The Netherlands
- February-June 2013 Visiting scholar, Utrecht University, The Netherlands
- November 2012 Visiting scholar, City University of Hong Kong
- 2003-2008 Assistant professor, Program in Linguistics, University of Florida, Gainesville, FL.
- 9/2002-12/2003 Assistant research professor, Dept. of Psychiatry and Behavioral Sciences/ Brain Imaging and Analysis Center, Duke University Medical School, Durham, NC.
- 1/2000- 8/2002 McDonnell-Pew postdoctoral fellow, Center for Cognitive Neuroscience, Duke University, Durham, NC.

- 8/1998-12/1999 Grotius postdoctoral fellow, Utrecht Institute of Linguistics OTS, Utrecht University, The Netherlands.
- 1/1997-6/1998 McDonnell-Pew postdoctoral fellow, Department of Brain and Cognitive Sciences, MIT, Cambridge, MA/ Department of Psychology, Tufts University, Medford, MA.

Grants

- 9/1/2020–1/7/2023 Adaptation of Cognitive Control Processes. NSF BCS-2017251; Amount \$386,546 (\$120,235 indirect); PI: Kaan, Co-PI: Valdés Kroff
- 2/1/2020–1/31/2022 Doctoral Dissertation Research: Effects of code-switching on emotional processing; BCS-1941514; Amount \$14,006 (\$2591 indirect); PI: Valdés Kroff, Co-PI: Kaan, Tomic
- 1/18/2017–1/17/2018 Language learning dissertation award; ‘The role of prediction in implicit learning of L1 and L2’; Amount: \$ 2,000(direct costs only); PI: Edith Kaan; Co-PI: Eunjin Chun
- 1/18/2017–1/17/2018 Language learning dissertation award; ‘Production and processing of phrasal verb alternations in L2 learners of English’; Amount: \$933 (direct costs only); PI: Edith Kaan; Co-PI: Michelle Perdomo
- 7/1/2015-21/31/2016 National Science Foundation; Funding for the 216 CUNY conference on Human Sentence Processing. Amount \$ 33,033; PI: Edith Kaan; Co-PI: Jorge Vales Kroff and Steffi Wulff
- 1/15/2015-1/14/2017 National Science Foundation; ‘Doctoral Dissertation Research: Processing code-switching in Algerian bilinguals: effects of language use and semantic expectancy’ Amount: \$15,019; PI: Edith Kaan; Co-PI: Souad Kheder
- 2013 NWO (Netherlands Organization for Scientific Research), Visitor’s grant to cover stay and research at the University of Utrecht. 8,500 Euro; Role: Co-PI (PI: Frank Wijnen)
- 5/1/10-12/31/12 National Science Foundation ‘Sentence processing in first and second language: effects of lexical proficiency and cognitive control’ Total costs: \$100,000. Role: PI
- 2010 University of Florida, College of Liberal Arts and Sciences preliminary Study Grant. ‘The effects of training on lexical tone acquisition in adults’ \$15,000. Role: Co-PI (PI: Rtree Wayland)
- 12/1/07-11/30/10 NWO (Netherlands Organization for Scientific Research) ‘Transfer in the brain: Sentence processing in second language learners’ Direct Costs: \$80,000 (including \$20,000 cost sharing). Role: Co-PI (PI: Frank Wijnen, Utrecht, NL)
- 8/1/05-7/31/09 NIH, National Institute on Deafness and Other Communication Disorders. Grant number: 1 R03 DC06160-01 A2 ‘Cognitive and neural mechanisms of quantifier

interpretation' Direct funding: \$50,000 per year, Indirect: \$18,519 per year. No-cost extension from 12/07/08-11/30/10.

- 2005-2007 Research opportunity seed fund, University of Florida, 'Quantities in the brain.' Direct funds of \$35,000
- 2004 Humanities Scholarship Enhancement Fund, University of Florida \$6,000.
- 2003-2004 Provost's common fund for interdisciplinary research, Duke University. 'Multilingualism and brain activation.' Direct funds of \$40,000.
- 08/01/00- 10/31/04 McDonnell-Pew Foundation, Grant number: 20002044 'Cognitive and Neural Aspects of Syntactic Reanalysis,' Direct funding \$50,000 per year for 3 years.
- 8/1/1998- 2/1/00 Grotius postdoctoral grant, Utrecht Institute of Linguistics OTS Utrecht University, The Netherlands.

Awards

- 2019/20-2021/22 University of Florida Term Professor
- 2021 Full year sabbatical leave (full pay)
- 2018 Nominated (at department and college level) for 2018/9 Graduate Mentoring Award
- 2017 Southeastern Conference Visiting Faculty Travel Grant for a trip to Vanderbilt University, October 2017; \$2,274
- 2017 Nominated (at department level) for 2017/8 Graduate Mentoring Award
- 2012/13 Full year sabbatical leave (full pay)
- 2011/12 Robin and Jean Gibson Term Professor, academic year 2011-2012
- 2011 Nominated for faculty advising award, University of Florida.
- 2010 Designated as outstanding teacher by a recipient of a 2010-2011 prestigious scholarship, 2010 Fall convocation, University of Florida.
- 2008 Nominated for faculty teaching award, University of Florida.
- 2007 Nominated for faculty teaching award, University of Florida.
- 1999 Visiting scholar, Max-Planck Institute of Cognitive Neuroscience, Leipzig, Germany.
- 1997-1998 McDonnell-Pew Fellowship for Cognitive Science at MIT.
- 1996 NWO (Netherlands Organization for Scientific Research) travel grant.

- 1995 NWO (Netherlands Organization for Scientific Research) travel grant.
- 1994 NWO (Netherlands Organization for Scientific Research) travel grant.
- 1993 NWO (Netherlands Organization for Scientific Research) travel grant.

Professional Activity

- Associate Editor: Language and Speech (2008-2013)
- Review Panelist: National Science Foundation, Linguistics (2010-2013)
- Editorial Board: Member, editorial board *Bilingualism: Language and Cognition* (January 2017-December 2022; 6 manuscripts/year)
Member, editorial board *Linguistic Approaches to Bilingualism* (since June 2013; 2 manuscripts/year).
Member, editorial board *Cognition* (since January 2021)
- Executive board: Society for Human Sentence Processing, vice president (Since March 2021)
- Board member: De Vincenzi Foundation, Scientific Advisory Board member (since April, 2011);
Member, editorial board *Linguistic Approaches to Bilingualism* (since June 2013);
Member, advisory board, *Chinese Journal of Language and Cognitive Science* (since July 2014)
Member, board, Association for Academic Women at UF (2016-2018);
Madelyn Lockhart Committee (Association for Academic Women). Awards fellowships to UF graduate students who removed barriers for themselves or others. Reviews maximum of 21 applications per year. (Since 2016)
- Associate member: Centre for Literacy and Multilingualism at the University of Reading, U.K.

Partner member on NSF PIRE grant ‘Translating cognitive and brain science in the laboratory and field to language learning environments’, PI: Giuli Dussias, Penn State University
- Organizer: Third Florida Psycholinguistics Meeting, October 21, 2017, University of Florida (with Lori Altmann)

CUNY 2016, Conference on Human Sentence Processing, University of Florida, March 3-5, 2016

Humanities and the Public Sphere Speaker series on Bilingualism, University of Florida, 2014-2015.

Summer School on Bilingualism and Cognitive Control, University of Utrecht, June 3-6, 2013

NWO workshop on Second Language Sentence Processing, University of Florida, April 3, 2009.

Humanities and the Public Sphere Speaker series, University of Florida, February 5 and 26, 2009

Consultant: On using ERP equipment, Berea College, Berea, KY., May 1-4, 2006.

External reviewer: *Tenure & promotion cases*: Indiana University, Purdue University, Indianapolis (2016); EALC University of Kansas (2017); William & Mary (2019), University of Texas El Paso (2020)

External committee member: Ph.D. committee Carolien van den Hazelkamp, Utrecht University Netherlands (defense January 2018); only involved in reading final dissertation and defense; Ph.D. committee Irene Finestrat-Martinez, University of Illinois Chicago (2019- *present*)

Grants: National Science Foundation; Netherlands Organization for Scientific Research (NWO); Israeli Science Foundation; Canada Foundation for Innovation (CFI); Social Sciences and Humanities Research Council of Canada (SSHRC); British Science Foundation; German Science Foundation; Riksbankens Jubileumsfond Sweden; Research Grants Council, Hong Kong.

Journals: Bilingualism: Language and Cognition; Biological Psychology; Brain and Language; Brain Research/Cognitive Brain Research; Brain Sciences; Canadian Journal of Linguistics; Cognition; Cognitive Psychology; Corpus Linguistics and Linguistic Theory; European Journal of Neuroscience; Frontiers in Language Sciences; Journal of Cognitive Neuroscience; Journal of Memory and Language; Journal of Neurolinguistics; Language; Language and Cognitive Processes; Language and Linguistics Compass; Language Learning; Linguistic Approaches to Bilingualism; One Mind; Memory and Cognition; Neuropsychologia; Neuroscience; PLOS One; Psychophysiology; Psychological Science; Quarterly Journal of Experimental Psychology; Second Language Research, Trends in Cognitive Sciences, Royal Society Open Science.

Book proposals/other: John Benjamins; Lawrence Erlbaum; Linguistics in the Netherlands; Cambridge University Press; Pearson.

Conference abstracts: SLRF 2014; AMLAP conference, 2012, 2020; LSA conference 2012-14; CUNY conference on Human Sentence Processing, 2002-2005, 2007-08, 2015-2021; WCCFL-22 conference, 2003; The Neurological Basis of Language: Experimental, Neurological and Computational Approaches, 2001; ISBPAC 2022.

Society Memberships: Cognitive Science Society
Linguistics Society of America;
Psychonomics Society;
Society for the Neurobiology of Language;

Association for Academic Women, University of Florida;
Genootschap Onze Taal (Society for Dutch language)

University Service

2022	Chair, Curriculum Committee, Linguistics Department
2022	Chair, Merit Committee, Linguistics Department
2020	Editor, UF Linguistics Faculty Handbook
2020	Member, Curriculum Committee, Linguistics Department
2019- <i>present</i>	Mentor of junior faculty Eleonora Rossi
2018-2019	Chair, ad hoc Graduate Professionalization Committee
2018-2019	Member, search committee for computational language science faculty
2017-2018	Chair, search committee for psycho/neurolinguistics faculty
2016- 2018	Merit committee, Department of Linguistics (Chair since August 2017)
2015- <i>present</i>	Member, Long-Range Strategic Planning Committee for Undergraduate Research at UF
2014- 2017	Associate Department Chair, Department of Linguistics
2014- 2017	Member, Senate Council for Research and Scholarship, UF
2014- 2020	Mentor of junior faculty Jorge Valdes-Kroff at Spanish and Portuguese
2013- 2020	Faculty sponsor of the undergraduate Linguistics Society at UF
2013- 2016	Senator, UF Faculty Senate
2013- 2017	Member, Curriculum Committee, UF Linguistics
2010- <i>present</i>	Member, steering committee Brain and Language Interest Group, University of Florida.
2008-19, 2022- <i>present</i>	Chair, visiting scholars committee, Linguistics, University of Florida.
2006- <i>present</i>	Department coordinator for UF-Utrecht exchange.
2005- <i>present</i>	Member of ad-hoc committee to instantiate and manage the Linguistics/SLHS participant pool, University of Florida.
2011	Member, search committee for new department Chair in Linguistics, University of Florida.

- 2008-2013 Member, UF-Utrecht committee.
- 2008-2012 Undergraduate Coordinator, Linguistics, University of Florida.
- 2004-2011 Member of the committee to clarify future directions of the department, Linguistics, University of Florida.
- 2009 Member of ad-hoc committee to hire a new office manager, Linguistics, University of Florida.
- 2006-2008 Member of visiting scholars committee, Linguistics, University of Florida.
- 2006-2007 Chair, graduate admissions committee, Linguistics, University of Florida.
- 2005-2006 Member of admissions committee, Linguistics, University of Florida.
- 2004-2005 Member of search committee for a new hire in Psycho/Neurolinguistics, Linguistics, University of Florida.
- 2004-2005 Member of comprehensive exam committee, Linguistics, University of Florida.
- 2000-2002 Organizer of Research Rounds, weekly meetings on cognitive neuroscience. Center for Cognitive Neuroscience, Duke University.
- 1998-1999 Organizer of biweekly meetings on text and sentence processing, Utrecht Institute of Linguistics OTS.
- 1997-1998 Moderator of Neuroling Lunch/Dinner, weekly discussions on language processing and neuroimaging, Department of Linguistics and Philosophy, MIT.

Teaching

Courses

- 2020 Instructor: 'On-line data collection (Seminar in Psycholinguistics)' (Graduate and undergraduate), University of Florida
- 2019 Instructor: 'Language as a Cognitive System' low-level undergraduate course, University of Florida
- 2019 Instructor: 'Seminar in Psycholinguistics' (Graduate), University of Florida
- 2017-2018 Instructor: 'Psycholinguistics' (Undergraduate), University of Florida
- 2015-2019 Instructor: 'Advanced Psycholinguistics' (Graduate), University of Florida
- 2015,'18,'20,'22 Instructor: 'Statistics for linguists' (combined Graduate and Undergraduate), University of Florida
- 2008-2012, 2014-17 Instructor: 'Introduction to Graduate Research' (Graduate), University of Florida.

- 2004-12, 2014-16, 2019-20, 2022 Instructor: ‘Cognitive neuroscience of language’ (Graduate), University of Florida.
- 2013 Instructor: ‘Psycholinguistics of Second Language Acquisition’ (combined Graduate and Undergraduate), University of Florida
- 2007, 2011 Instructor: ‘Second language acquisition and the brain’ (Graduate), University of Florida.
- 2006 Instructor: ‘Research methods in psycholinguistics’ (Graduate/ Undergraduate), University of Florida.
- 2004-2016 Instructor: ‘Brain and language’ (Undergraduate), University of Florida.
- 2004-2005, 2008 Instructor: ‘Structure of human language’ (Undergraduate), University of Florida.
- 2002-2003 Instructor: ‘Brain and Language’ (Advanced undergraduate seminar), Duke University.
- 1999 Instructor: ‘Mental processes in sentence comprehension’ (Graduate/undergraduate), Utrecht Institute of Linguistics OTS.
- 1998-1999 Instructor: ‘Experimental design in psycholinguistics’ (Undergraduate), Utrecht Institute of Linguistics OTS.
- 1998 Instructor: ‘Topics in sentence processing’ (Graduate), LOT Winter school, Leiden, The Netherlands.
- 1994-1996 Instructor: ‘Experimental design and techniques’ (Undergraduate), Linguistics Department, University of Groningen.
- 1993-1994 Instructor: ‘Specific language impairment’ (Undergraduate), Linguistics Department, University of Groningen.

Guest lectures

- 2021 Guest lecturer Radboud University, Nijmegen The Netherlands, Kernthema: Multilingualism (graduate class), November 15-19, 2021
- 2021 Guest lecturer Radboud University, Nijmegen The Netherlands, Language and Communication (undergraduate class), November 15-19, 2020
- 2021 Guest speaker University of Illinois at Chicago, Second Language Acquisition (graduate class), November 10, 2020
- 2021 Guest speaker New York University Neural Bases of Language “Meet the Author” series, November 3, 2020

- 2016-2021 Guest speaker HUM2930/IDS2935 Research Methods UF
- 2016,2017 Taught sessions on R and on-line data collection methods at the University of Valladolid, Spain, Sept 5 and Sept 7, 2016
- 2015 Guest lecturer 'ERPs', Methods in Psycholinguistics, October 14, 2015.
- 2013 Guest lecturer 'Sentence processing in first and second language. Guest lecture in BA/MA course on multilingualism, Utrecht University, Netherlands, February 27, 2013.
- 2009 Guest lecturer 'SLA and the Brain', LIN6720 Second Language Acquisition, March 5, 2009.
- 2006, 2009 Guest lecture 'Language processing', HHMI Spring 2006 and Spring 2009 Science for Life Seminar Class, February 24, 2009 (with Wind Cowles)
- 2009 Guest lecture 'On ERPs', LIN 6932, Sentence and discourse processing, January 21, 2009.
- 2008-2010 Guest Lecturer: 'Language breakdown and the brain' (Undergraduate), University of Florida.
- 2006 Guest Lecturer: 'Morphology' (Graduate), University of Florida.
- 2004, 2006, 2007 Guest Lecturer: 'Introduction to Graduate Research methods' (Graduate), University of Florida.
- 2004 Guest Lecturer: 'Introduction to linguistics' (Undergraduate), University of Florida.
- 2003 Guest Lecturer: 'Introduction to methods in psycholinguistics' (Undergraduate), Duke University.
- 2002 Guest Lecturer: 'Introduction to Cognitive Psychology' (Undergraduate), Duke University.
- 2001 Guest Lecturer: 'Methods in cognitive neuroscience' (Undergraduate), Duke University.
- 2001 Guest Lecturer: 'Cognitive neuroscience II' (Graduate), Duke University.
- 1997 Guest Lecturer: 'Introduction to psycholinguistics' (Undergraduate), Dept. of Brain and Cognitive Sciences, MIT.
- Other*
- 2010, 2014 Organized and taught informal R (statistics) seminars for Kaan/Cowles lab members and other interested students and faculty in Linguistics, Psychology and SLHS (~16 in total).

Publications

Published journal articles

- Tomic, A. and E. Kaan (2022). Oscillatory brain responses to processing code-switches in the presence of others, *Brain and Language*, 231, 105139
- Román Fernández, P. E., Kaan, E. and Dussias, P.E. (2021) Access to verb bias and plausibility information during syntactic processing in adult Spanish–English bilinguals. *Bilingualism: Language and Cognition*, 1–13. <https://doi.org/10.1017/S1366728921000924>
- Kheder, S. and Kaan, E. (2021) Language control in bilinguals: The effect of proficiency and code-switching frequency. *Cognition*, 209, 104575. [10.1016/j.cognition.2020.104575](https://doi.org/10.1016/j.cognition.2020.104575)
- Kaan, E., De Aguiar, I., Clarke, C., Lamb, D., Williamson, J. and Porges, E. (2021) A Transcutaneous Vagus Nerve Stimulation study on verbal order memory. *Journal of Neurolinguistics*, 59, 100990. <https://doi.org/10.1016/j.jneuroling.2021.100990>
- Dai, Haoyun, Kaan, E. and Xu, Xiaodong (2021) Understanding counterfactuals in transparent and non-transparent context: An event-related potential investigation. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 47 (8), 1299-1316 <https://doi.org/10.1037/xlm0000985>
- Chun, Eunjin and Kaan, E. (2020) Effects of speaker accent on syntactic priming in second-language learners. *Second Language Research*, 38 (2) 189-212. <https://doi.org/10.1177/0267658320926563>
- Kaan, E., S. Kheder, A. Tomic, A. Kreidler and J. Valdes Kroff (2020). Processing code switches in the presence of others An ERP Study. *Frontiers in Psychology*, 11, 1288 [10.3389/fpsyg.2020.01288](https://doi.org/10.3389/fpsyg.2020.01288)
- Lee, Aleuna, Perdomo, M., Kaan, E. (2020), Native and second-language processing of contrastive pitch accent: An ERP study. *Second Language Research*, 36 (4), 503-527. <https://doi.org/10.1177/0267658319838300>
- Chun, Eunjin, Kaan, E. (2019), L2 Prediction during complex sentence processing. *Journal of Cultural Cognitive Science*. 3:203–216. <https://doi.org/10.1007/s41809-019-00038-0>.
- Perdomo, M. and Kaan, E. (2019) Integrating prosodic cues in second-language speech processing: A visual world eye-tracking study. *Second Language Research*. <https://doi.org/10.1177/0267658319879196>
- Kaan, E., Futch, C., Fernández Fuertes, R., Mujcinovic, S. and Álvarez de la Fuente, E. (2018) Adaptation to syntactic structures in native and non-native sentence comprehension. *Applied Psycholinguistics*, 40 (1), 3-27. doi: 10.1017/S0142716418000437
- Kheder, S., and Kaan, E. (2018). Lexical selection, cross-language interaction, and switch costs in habitually codeswitching bilinguals. *Bilingualism: Language and Cognition* 1-21. DOI:10.1017/S1366728918000500.

- Stowe, L.A., Kaan, E., Sabourin, L. & Taylor, R. (2018). The sentence wrap-up dogma, *Cognition* 176, 232-247 <https://doi.org/10.1016/j.cognition.2018.03.011>
- Kaan, E. and Chun, E. (2018) Priming and adaptation in native speakers and second-language learners. *Bilingualism: Language and Cognition*, 21, 228-242. <https://doi.org/10.1017/S1366728916001231>.
- Kaan, E. (2018) Susceptibility to interference: underlying mechanisms, and implications for prediction. *Bilingualism: Language and Cognition*, 20, 696-697. doi.org/10.1017/S1366728916000894.
- Siyanova-Chanturia, A., Conklin, K., Caffarra, S. Kaan, E. and van Heuven, W. J. B. (2017) Representation and processing of multi-word expressions in the brain. *Brain and Language*, 175, 111-122. <https://doi.org/10.1016/j.bandl.2017.10.004>
- Boland, J., Kaan, E., Jorge Valdés Kroff, and Stefanie Wulff (2016). Psycholinguistics and Variation in Language Processing. *Linguistics Vanguard*, 2 (s1). DOI:10.1515/lingvan-2016-0064
- Chun, E. , Barrow, J. and Kaan, E. (2016). Native English speakers' structural alignment mediated by foreign-accented speech. *Linguistics Vanguard*, 2 (s1). DOI 10.1515/lingvan-2016-0027.
- Kheder, S., and Kaan, E. (2016). Processing code-switching in Algerian bilinguals: Effects of language use and semantic expectancy. *Frontiers in Psychology*, 7. <http://dx.doi.org/10.3389/fpsyg.2016.00248>;
- Kaan, E., Kirkham, J., and Wijnen, F. (2016). Prediction and integration in native and second-language processing of elliptical structures. *Bilingualism: Language and Cognition*, 19, 1-18.
- Kaan, E. (2015) Knowing without predicting, predicting without learning, *Linguistic Approaches to Bilingualism* 5:4, 482–486. doi 10.1075/lab.5.4.07kaa
- Lu, S, Wayland, R. and Kaan, E. (2015). Effects of production training and perception training on lexical tone perception – A behavioral and ERP study. *Brain Research*, 1624, 28-44.
- Kaan, E., Ballantyne, J. C., and Wijnen, F. (2015). Effects of reading speed on second-language sentence processing. *Applied Psycholinguistics*, 36 (4), 799-830. DOI: <http://dx.doi.org/10.1017/S0142716413000519>
- Kaan, E., and Carlisle, E. (2014) Indices of stimulus prediction in letter sequences. *Brain Sciences*, 4, 509-531; doi:10.3390/brainsci4040509.
- Kaan, E. (2014) Predictive sentence processing in L2 and L1: What is different? *Linguistic Approaches to Bilingualism*, 4:2, 257-282. DOI: 10.1075/lab.4.2.05kaa.
- Kaan, E., Overfelt, C., Tromp, D., and Wijnen, F. (2013). Processing Gapped Verbs. *Journal of Psycholinguistic Research*. 42, 307-338, DOI 10.1007/s10936-012-9220-8.
- Kaan, E., Wayland, R., and Keil, A. (2013). Changes in Oscillatory Brain Networks After Lexical Tone Training, *Brain Sciences*, 3, 757-780.
- Wayland, R., Herrera, E., and Kaan, E. (2010). Effects of Musical Experience and Training on Lexical Pitch

Contour Perception, *Journal of Phonetics*, 38, 654-662.

Kaan, E., Barkley, C.M., Bao, M., Wayland, R. (2008). Thai lexical tone perception in native speakers of Thai, English and Mandarin Chinese: an event-related potentials training study *BMC Neuroscience*, 9, 53.

Dallas, A.C. and Kaan, E., (2008). Second language processing of filler-gap dependencies by late learners. *Language and Linguistics Compass*, 2 (3), 372-388.

Kaan, E., (2007). Event-related potentials and language processing. A brief introduction. *Language and Linguistics Compass*, 1(6), 571-591.

Kaan, E., Wayland, R., Bao, M., and Barkley, C. (2007). Effects of native language and training on lexical tone perception: an ERP study. *Brain Research*, 1148, 113-122.

Kaan, E., Dallas, A.C., Barkley, C. M. (2007). Dealing with new discourse referents: An ERP study. *Brain Research*, 1146, 199-209.

Wijnen, F. and Kaan, E. (2006). Dynamics of semantic processing: The interpretation of bare quantifiers. *Language and Cognitive Processes*, 21(6), 684-720.

Kaan, E. (2005). Direction effects in number word comparison: An Event Related Potential study. *Neuroreport*, 16(16), 1853-1856.

Kaan, E. Wijnen, F. and Swaab, T.Y. (2004). Gapping: Electrophysiological evidence for immediate processing of “missing” verbs in sentence comprehension. *Brain and Language*, 89, 584-592.

Kaan, E. and Vasic, N. (2004). Cross-serial dependencies in Dutch: The influence of NP-type on processing load. *Memory and Cognition*, 32 (2), 175-184.

Kaan, E. and Swaab, T.Y (2003). Electrophysiological evidence for serial processing: A comparison between nonpreferred and ungrammatical continuations. *Cognitive Brain Research*, 17 (3), 621-635.

Kaan, E. and Swaab, T.Y. (2003). Revision, repair and complexity in sentence processing: An electrophysiological differentiation. *Journal of Cognitive Neuroscience*, 15 (1), 98-110.

Kaan, E. and Swaab, T.Y. (2002). The brain circuitry of syntactic comprehension. *Trends in Cognitive Sciences*, 6 (8), 350-356.

Kaan, E. (2002). Investigating the effects of distance and number interference in agreement processing: An ERP study. *Journal of Psycholinguistic Research*, 31 (2), 165-193.

Kaan, E. (2001). Effects of NP-type on the resolution of word order ambiguities. *Journal of Psycholinguistic Research*, 30 (5), 527-545.

Kaan, E., Harris, A., Gibson, E. and Holcomb, P. (2000). The P600 as an index of syntactic integration difficulty. *Language and Cognitive Processes*, 15 (2), 159-201.

Kaan, E. (1999). Review of Colin Phillips “Structure and Order”. *GLOT International*, 4 (9/10), 7-10.

Kaan, E. (1998). Sensitivity to NP-type: processing subject-object ambiguities in Dutch. *Journal of Semantics*, 15, 335-354.

Edited Volume

Kaan, E. and Theres Grüter (editors, 2021) *Prediction in second-language processing and learning*, John Benjamins.

Jonkers, R. E. Kaan and J. Wiegel (eds). *Language and Cognition 5. Annual Proceedings of the Research Group for Theoretical and Experimental Linguistics of the University of Groningen.* (1996).

Book chapters and proceedings (peer reviewed)

Valdés Kroff, J., S. Kheder, A. Tomic & E. Kaan (2022). The psycholinguistics of multilingual code-switching. In Jennifer Cabrelli, Adel Chaouch-Orozco, Jorge González Alonso, Sergio M. Pereira Soares, Eloi Puig-Mayenco and Jason Rothman (Eds.) *The Cambridge Handbook of Third Language Acquisition and Processing*

Kaan, E. (under review) The neurocognition of prediction in L2 processing and learning In: Kara Morgan-Short and Janet van Hell (Eds.) *The Routledge Handbook of Second Language Acquisition and Neurolinguistics*

Kaan, E. and Keng-Yu Lin (under review) Vagus Nerve Stimulation and Language Learning. In: E. Porges (ed.) *The Routledge Handbook of Second Language Acquisition and Neurolinguistics*

Kaan, E. and Theres Grüter (2021). Prediction in second language processing and learning: Advances and current directions. In: Kaan, E. and Theres Grüter (editors) *Prediction in second-language processing and learning*, p 1-24, John Benjamins.

Kaan, E. and Chun, E. (2018). Syntactic Adaptation. In: Duane Watson & Kara Federmeier (Eds.) *The Psychology of Learning and Motivation*, Volume 68.

Wayland, R., Kaan, E., and Zhu, Y. Perception of Pitch Contours by Native and Non-Native Tone Listeners. The Scottish Consortium for ICPHS 2015 (Ed.), *Proceedings of the 18th International Congress of Phonetic Sciences*. Glasgow, UK: the University of Glasgow. ISBN 978-0-85261-941-4. Paper number 493.1- 4 retrieved from <http://www.icphs2015.info/pdfs/Papers/ICPHS493.pdf>

Kirkham, J., Lu, S., Wayland, R. and Kaan, E. (2011) Comparison of vocalists and instrumentalists on lexical tone perception and production tasks. *Proceedings of the International Congress of the Phonetics Sciences*, Hong Kong, August 2011.

Kaan, E., Dallas, A., Wijnen, N.K. (2010). Syntactic predictions in second-language sentence processing. In: Jan-Wouter Zwart and Mark de Vries (eds) . *Structure preserved. Festschrift in the honor of Jan Koster*. John Benjamins. (pp. 208-213).

Kaan, E. (2009). Fundamental syntactic phenomena and their putative relation to the brain. In: D. Bickerton and E. Szathmáry (eds.). *Biological Foundations and Origin of Syntax*. Strüngmann Forum Reports, vol. 3. Cambridge, MA: MIT Press. (pp. 117-133)

- Tallerman, M., D. Bickerton, D. Bouchard, T. Givón, E. Kaan, F. Newmeyer, L. Rizzi, and M. Steedman. (2009). What kinds of syntactic phenomena must biologists, neurobiologists, and computer scientists try to explain and replicate? In: D. Bickerton and E. Szathmáry (eds.). *Biological Foundations and Origin of Syntax*. Strüngmann Forum Reports, vol. 3. Cambridge, MA: MIT Press. (pp 135-157)
- Wayland, R., Kaan, E., Bao, M. and Barkley, C.M. (2008). Effects of native language and training on speaker normalization on lexical tone perception: A behavioral and ERP study. In: Emily Tummons and Stephanie Lux (eds.), *Proceedings of the 2007 Mid-America Linguistics Conference, Kansas Working Papers in Linguistics Vol. 30, 359*. <https://kuscholarworks.ku.edu/dspace/handle/1808/276>.
- Kaan, E., and Vinokurova, N. (2003). Resolving number ambiguities in Sakha: Evidence for the Determiner Phrase as a processing domain. In: M. Coene and D'hulst (eds.). *From NP to DP*. Amsterdam: John Benjamins, pp. 179-193.
- Vinokurova, N., and Kaan, E. (2003). DP as a processing domain: Evidence from Sakha. In Özsoy, A.S., Taylan, E. and Koç, A. (eds.), *Studies in Turkish Linguistics; Proceedings of the Tenth International Conference in Turkish Linguistics*. Istanbul: Bogazici University Press.
- Kaan, E. and Stowe, L.A. (2002). Storage and computation in sentence processing: A neuroimaging perspective. In: S.G. Nooteboom, F. Weerman and F. Wijnen (eds.). *Storage and Computation in the Language Faculty*. Dordrecht: Kluwer. Pages 257-298.
- Kaan, E. (1997). Processing subject-object ambiguities in Dutch. Ph.D., University of Groningen.
- Kaan, E. (1996). Parsing embedded wh-questions in Dutch. In: R. Jonkers, E. Kaan and J. Wiegel (eds). *Language and Cognition 5. Annual Proceedings of the Research Group for Theoretical and Experimental Linguistics of the University of Groningen*.
- Kaan, E. (1993). Event-related brain potentials and the study of syntax. In: A. de Boer, J. de Jong and R. Landeweerd (eds.) *Language and Cognition 3. Annual Proceedings of the Research Group for Theoretical and Experimental Linguistics of the University of Groningen*.
- Kaan, E. (1993). Extraposition from NP in Dutch: Some consequences of Minimalism. *GAGL*, 36, 144-151.
- Kaan, E. (1992). A minimalist approach to extraposition of CP and verb (projection) raising. In: D. Gilbers and S. Looyenga (eds.). *Language and Cognition 2. Annual Proceedings of the Research Group for Linguistic Theory and Knowledge Representation of the University of Groningen*.
- Kaan, E., and De Mey, S. (1991). Krifka on event-related readings. In: M. Kas, E.J. Reuland and C. Vet (eds.) *Language and Cognition 1. Annual Proceedings of the Research Group for Linguistic Theory and Knowledge Representation of the University of Groningen*.
- Kaan, E., Kas, M. and Ruhland, R. (1990). Een procedure voor het redeneren met kwantoren. (A procedure for reasoning with quantifiers). *TABU*, 20, 205-221.

Invited Talks

- 2022 Keynote Speaker, GASLA conference, Trondheim, Norway, May 14-16, 2022.
- 2022 Frances Ingemann Speaker, University of Kansas, April 1, 2022.
- 2021 A dynamic approach to code-switching. Language and Cognition Group, Leiden University, Sept 30, 2021, and Centre for Language Studies, Nijmegen, November 18, 2021
- 2021 (Some thoughts on) Prediction in second-language processing and learning. Florida State University, Tallahassee, March 30, 2021; LANSpan, Groningen University, October 20, 2021; Grammar and Cognition group Nijmegen, October 28, 2021; Rutgers University, November 15, 2021.
- 2021 Kidd, J.A. and Kaan, E. (2021). Quantifying the monolingual language experience. Talk presented at the BMB lab, Irvine, CA. (online), May 24, 2021
- 2019 Social effects on Code Switching: An ERP study. Invited talk, Florida International University, Linguistics Program. April 12, 2019.
- 2017 Sentence processing dynamics. Nanjing Normal University, China, June 19, 2017
- 2017 Prediction and language processing. Nanjing Normal University, China, June 21, 2017
- 2016 Prediction and adaptation in native and second-language processing. University of Valladolid, Spain, Sept 6 2016.
- 2016 Prediction and adaptation in sentence processing. Linguistics Seminar, UF. November 3, 2016.
- 2013 Invited talk 'Second-language sentence processing: effects of L1 word order and reading speed.' Talk presented at ELiTU, Utrecht University, Netherlands, February 25, 2013, and at the University of Groningen, Netherlands, February 28, 2013.
- 2012 Invited seminar 'Event-Related Potentials for Linguists (3-part lecture), Chinese Academy of Social Sciences, Beijing, China, November 28-30, 2012.
- 2012 Invited seminar 'Event-Related Potentials for Linguists', Guangdong University of Foreign Studies, Guangzhou, China, November 14, 2012.
- 2012 Invited seminar 'Sentence processing in first and second language (7-part seminar), City University of Hong Kong, November 5-26, 2012.
- 2010 Invited presentation 'Event-Related Potential for Linguistics,' a two-part presentation, The City University of Hong Kong, August 15 and 16, 2011.

2008 Invited presentation 'Hierarchical syntax: Friederici on language, brain and language evolution' Language and Brain Interest group presentation, December 12, 2008

Conference presentations (Selected)

Kaan, E. (2022). The advantages and challenges of modeling bilingual sentence processing. Invited Symposium, CogSci conference, Toronto CA, July 28-30, 2022.

Keng-Yu Lin and Edith Kaan (2022) Proactive control in processing English wh-dependencies, Short talk / Poster presented at the 35th Annual Human Sentence Processing Conference UCSC, March 24-26, 2022 (held on-line)

Demeurisse, Grace, Yucheng Liu, Monae McKinney, Edith Kaan (2021), The role of domain-general cognitive control in ambiguity resolution in sentence comprehension Northwest Linguistics Conference 2021 (online), May 14-16, 2021

Kaan, E., Kheder, S., Kreidler, A., Tomic, A. & Valdes Kroff, J. (2021). Processing Code-Switches in the Presence of Others: an ERP study. Talk at ISBPAC2020, Radboud University, Nijmegen, The Netherlands. June 3-4, 2021 (held virtually).

Liu, Y., Grace deMeurisse, Eunjin Chun, Edith Kaan – No evidence for conflict adaptation in the processing of reduced relative clause ambiguities. Short talk, AMLaP 2021, Paris September 2-4, 2021; and Florida Psycholinguistics meeting Florida State University, October 16, 2021

Kaan, E., Paulitz, S., Mocevic, E., Nakamura, M. and Dai, Haoyun (2020) Syntactic Adaptation: An ERP study. AMLAP 2020, Sept 3-5, Potsdam, Germany (held virtually)

Kaan, E. Souad Kheder, Ann Kreidler, Aleksandra Tomic, Jorge Valdes Kroff. Code-Switching in the Presence of Others. Poster, 33rd Annual CUNY conference on Human Sentence Processing, March 19-21, 2020, Umass Amherst (held virtually).

Edith Kaan, Ivette De Aguiar, Christina Clarke, Damon G. Lamb, John B. Williamson and Eric C. Porges (2020). Transcutaneous vagus nerve stimulation and verbal memory. Talk at the 6th Annual Florida Psycholinguistics Meeting, Tallahassee, FL, Oct 10, 2020 (held virtually).

Edith Kaan, Sophia Paulitz, Eleonora Mocevic, Keng-Yu Lin, Yucheng Liu, Megan Nakamura, Haoyun Dai (2020) Syntactic adaptation: An ERP study. Poster at the 6th Annual Florida Psycholinguistics Meeting, Tallahassee, FL, Oct 10, 2020 (held virtually).

Jordan Kidd, Edith Kaan (2020) Monolingual social networks & language environments and their effects on grammaticality acceptance. Poster at the 6th Annual Florida Psycholinguistics Meeting, Tallahassee, FL, Oct 10, 2020 (held virtually).

Keng-Yu Lin, Edith Kaan (2020) How individual differences of proactive/reactive control modulate the processing of English wh-dependency sentences. Poster at the 6th Annual Florida Psycholinguistics Meeting, Tallahassee, FL, Oct 10, 2020 (held virtually).

Kaan, E., De Aguiar, I., Chopde, A., Nakamura, M.S., Lamb, D., Williamson, J. and Porges, E. (2019) Effects of Transcutaneous Vagus Nerve Stimulation on Statistical Language Learning and

Phonological Working Memory, Poster presented at the 2019 Annual Meeting of the Society for the Neurobiology of Language, August 20-22 Helsinki, Finland.

Chun, E., Daniel, J., Zhao, C. and Kaan, E. (2019) L2 learners can predict during complex sentence processing, poster presented at the 32nd CUNY conference on Human Sentence Processing, March 29-31, 2019, Boulder, CO.

Chun, E., Daniels, J., Tozian, M., Kaan, E. The effect of linguistic bias on prediction over time. Poster presented at the 25th Conference on Architecture and Mechanisms of Language Processing, September 6-8, 2019, Moscow, Russia.

Kaan, E., Leone, E., and Liu, Y. (2018) Executive function adaptation and syntactic priming. Poster presented at 24th AMLaP Conference, Von Humboldt University, Berlin, Germany, September 6-8, 2018.

Kreidler, A., Kheder, S., Altmann, L., Valdes Kroff, E. and Kaan, E. (2018). Autistic Characteristics are associated with sensitivity to code-switching pragmatics: An ERP Study. Poster 2018 ASHA convention, Boston MA, November 15-17, 2018

Kreidler, A., Kheder, S., Calo, S., Valdes Kroff, J. and Kaan, E. (2018) Social effects on code-switching: An ERP study. Poster presented at the 2nd international Symposium on Bilingual and L2 Processing in Adults and Children, Braunschweig, Germany, May 24-25, 2018

Lee, A., and Kaan, E. (2018) Effects of production on predictive processing in young and older adults. Poster presented at the CUNY Conference on Human Sentence Processing, UC Davis, March 15-17, 2018

Chun, E., Daniels, J., Klingensmith, H. and Kaan, E. (2018) The direct relation between prediction and adaptation. Poster presented at the CUNY Conference on Human Sentence Processing, UC Davis, March 15-17, 2018

Calo, Stephanie, Ann Kreidler, Souad Kheder, Jorge Valdés Kroff, Edith Kaan (2017). Social effects on code-switching. Talk presented at the 12th Annual Symposium Spanish and Portuguese Studies, University of Florida, Gainesville, January 27, 2018.

Perdomo, Michelle, Ann Kreidler, Emma Leone, Edith Kaan (2017). The role of phrasal verb bias on structural alternations in L2 learners of English. Talk presented at the 3rd Annual Florida Psycholinguistics Meeting, University of Florida, Gainesville, October 21, 2017.

Kaan, Edith, Laura Sabourin, Ryan Taylor & Laurie Stowe (2017). The sentence wrap-up dogma. Talk presented at the 3rd Annual Florida Psycholinguistics Meeting, University of Florida, Gainesville, October 21, 2017.

Lee, Aleuna, Lauren Stookey & Edith Kaan (2017). Effects of contrastive pitch accent on referential processing in native and L2 English speakers: An ERP study. Poster presented at the 3rd Annual Florida Psycholinguistics Meeting, University of Florida, Gainesville, October 21, 2017.

Lee, Aleuna Lee & Edith Kaan (2017). Age-related changes in predictive processing: Effects of word production and TOTs. Poster presented at the 3rd Annual Florida Psycholinguistics Meeting, University of Florida, Gainesville, October 21, 2017.

- Chun, Eunjin, Joshua Daniels, Hope Klingensmith & Edith Kaan (2017). The relationship between prediction and adaptation: An evaluation of error-based implicit learning. Poster presented at the 3rd Annual Florida Psycholinguistics Meeting, University of Florida, Gainesville, October 21, 2017.
- Klingensmith, Hope, Eunjin Chun & Edith Kaan. The effect of parsing preference on conflict adaptation. Poster presented at the 3rd Annual Florida Psycholinguistics Meeting, University of Florida, Gainesville, October 21, 2017.
- Lee, Aleuna, Lauren Stookey and Edith Kaan (2017) 'Processing of contrastive pitch accent in native and L2 English speakers'. Poster presented at the Society for the Neurobiology of Language, Baltimore, Md.
- Perdomo, Michelle, Torrey Cranston, and Edith Kaan (2017). Processing of prosodic cues: Evidence from anticipatory eye movements. Poster accepted for the Third Workshop on Second Language Prosody (SLaP3) at Bangor University, UK on 9 and 10 November, 2017, but withdrawn because of lack of travel funds.
- Perdomo, Michelle, Ann Kreidler, Emma Leone and Edith Kaan (2017). Phrasal verb structural alternations in L2 learners of English: A Priming Study. Poster presented at Eurosla 27, Reading, UK.
- Yan, Le and Edith Kaan (2017) Active Parasitic Gap-driven Gap-gap-filler Dependencies in Mandarin. Poster presented at the 30th CUNY Conference on Human Sentence Processing, Boston, MA.
- McCann, Devin and Edith Kaan (2017) Non-adaptation to garden paths. Poster presented at the 30th CUNY Conference on Human Sentence Processing, Boston, MA.
- Lee, Aleuna, Ethan Deniz Kutlu and Edith Kaan (2017) Effects of contrastive prosody on referential processing: An ERP study. Poster presented at the 30th CUNY Conference on Human Sentence Processing, Boston, MA.
- Futch, Corinne, Devin McCann, Sonja Mujcinovic, Esther Álvarez de la Fuente and Edith Kaan (2017) Structural adaptation in native speakers and L2 learners. Poster presented at the 30th CUNY Conference on Human Sentence Processing, Boston, MA.
- Yan, Le and Kaan, E. (2017). Experimental Investigation of Subject and Object Parasitic Gaps in Mandarin Chinese. Poster presented at the LSA conference, January 5-8, 2017 in Austin, TX.
- Kaan, E. (2016). Syntactic Prediction and Adaptation. Paper presented at the second Florida Psycholinguistics Meeting. FAU, Davie FL, October 15, 2016.
- Chun, Eunjin, Julia Barrow & Edith Kaan (2016). Structural Priming Affected by the Familiarity with the Talker's Accent. Poster presented at the second Florida Psycholinguistics Meeting. FAU, Davie FL, October 15, 2016.
- Futch, Corinne, Devin McCann, Sara Levy & Edith Kaan (2016). Adaptation to Garden Paths. Poster presented at the second Florida Psycholinguistics Meeting. FAU, Davie FL, October 15, 2016.
- Perdomo, Michelle, Ethan Deniz Kutlu, Aleuna Lee, Torrey Cranston & Edith Kaan (2016). Prosodic Cues in Predictive Processing Poster presented at the second Florida Psycholinguistics Meeting. FAU, Davie FL, October 15, 2016.

- Yan, Le & Edith Kaan (2016). Parasitic Gaps and Resumptive Pronouns. Poster presented at the second Florida Psycholinguistics Meeting. FAU, Davie FL, October 15, 2016.
- Feroce, N., Aziz, P., Chun, E. and Kaan, E. (2016). L2 learners need more time to predict. Talk presented at the 29th Annual CUNY Conference on Human Sentence Processing, Gainesville, Florida, March 3-5, 2016.
- Chun, E., Barrow, J., and Kaan, E. (2016) Korean L2 learners' structural priming mediated by speakers with different English accents. Poster presented at the 29th Annual CUNY Conference on Human Sentence Processing, Gainesville, Florida, March 3-5, 2016.
- Chun, E., Barrow, J., and Kaan, E. (2016) Native English speakers' structural alignment with foreign-accented speech Poster presented at the 29th Annual CUNY Conference on Human Sentence Processing, Gainesville, Florida, March 3-5, 2016.
- Kheder, S., and Kaan, E. (2016) Processing code-switching in Algerian bilinguals: bilinguals: Effects of language use and semantic expectancy. Paper at the LSA 2016 Annual Meeting, Washington, DC, January 7-10, 2016
- Kheder, S., and Kaan, E. (2016) Processing code-switching in Algerian bilinguals: Effects of language use, semantic expectancy and cognates. Poster presented at the 29th Annual CUNY Conference on Human Sentence Processing, Gainesville, Florida, March 3-5, 2016.
- Chun, Eunjin , Martha Hinrichs and Edith Kaan (2015) Lack of Adjustment in L2 English. Poster presented at the Second Language Research Forum, October 29-31, 2015, Georgia State University, Atlanta, GA.
- Feroce, Nicholas, Edith Kaan (2015) L2 learners need more time to predict. Poster presented at the Florida Psycholinguistics Meeting, October 24, 2015, Tallahassee.
- Kaan, E. (2015). Adaptation and prediction in native and second-language processing. (2015) Talk presented at the Second Language Research Forum, October 29-31, 2015, Georgia State University, Atlanta, GA and at the Florida Psycholinguistics Meeting, October 24, 2015, Tallahassee.
- Kheder, Souad and Edith Kaan (2015) Effect of language use, sentence context and inhibitory abilities on processing Cognates in Algerian bilinguals. Poster presented at the Florida Psycholinguistics Meeting, October 24, 2015, Tallahassee.
- Chun, Eunjin, Julia Barrow, Edith Kaan (2015) Alignment depending on the speakers with different accents. Poster presented at the Florida Psycholinguistics Meeting, October 24, 2015, Tallahassee.
- Kutlu, Deniz A., Laura Sabourin, Kumiko Murasugi, Edith Kaan (2015) Shared Syntax in Typologically Different Language. Poster presented at the Florida Psycholinguistics Meeting, October 24, 2015, Tallahassee.
- Aziz, Patricia, Nicholas Feroce, Eunjin Chun, Aleuna Lee, and Edith Kaan (2015) Predictive Processing in Semantically Constraining Sentences: An ERP Study on Native and L2 Speakers. Poster presented at the Florida Psycholinguistics Meeting, October 24, 2015, Tallahassee.

- Abdo, Maria, Liz Lee, and Edith Kaan (2015) Processing Binomials in Monolinguals and Early Spanish-English Bilinguals. Poster presented at the Florida Psycholinguistics Meeting, October 24, 2015, Tallahassee.
- Xu, Jingchen, George Collins, Benjamin Bragg, Edith Kaan (2015) Processing of Scope Ambiguity by Chinese L2 Learners of English. Poster presented at the Florida Psycholinguistics Meeting, October 24, 2015, Tallahassee.
- Reyes, Amalia, Kaan, E. (2015). End-of-clause effects in ERPs. Poster presented at the CUNY Conference for Human Sentence Processing, USC, March 19-21, 2015
- Wayland, R., Zhu, Y., Kaan, E. (2015). Perception of Pitch Contours by Native and Non-Native Tone Listeners. Poster, 18th International Congress of the Phonetic Sciences, Glasgow in August, 2016
- Mayans-Ramon, D. Johns, M., Kaan, E., de Prada-Perez, A. (2015). Heritage speakers and second language learners processing of non-adjacent noun-adjective agreement. Poster presented at The 10th International Symposium on Bilingualism and Bilingualism in the Hispanic and Lusophone World, Leiden The Netherlands
- Kaan, E. (2014). Invited talk at the Symposium “Learning to think ahead - thinking ahead to learn: The role of prediction in language learning and use across the lifespan”, BU Conference on Language Development, November 7-9, 2014, Boston MA.
- Kaan, E., and J. Kirkham (2014). Sentence processing in native and second-language readers: differences in anticipation and integration. Talk presented at the Center for Neuroscience, University of Florida, January 17, 2014; and at the UF Undergraduate Linguistics Society, January 28, 2014.
- Kaan, E. (2014) Processing Ellipsis. Florida Linguistics Yearly Meeting, March 22-23, Eckerd College, St. Petersburg, FL.
- Kaan, E., Carlisle, E., Collins, G., Feroce, N. and Reyes, A. (2014). ERP Indices of predictive processing, poster, 2014 CUNY Conference on Human Sentence Processing, March 13-15, 2014, Ohio State University, Columbia, OH.
- Roman, Patricia, Ray, Nicholas, Contemori, Carla, Kaan, Edith, and Dussias, Giuli (2014). Verbs drive the bus: An ERP study on the role of verb bias and plausibility information in the resolution of DO/SC ambiguity in English monolinguals and Spanish-English bilinguals. Poster, 2014 CUNY Conference on Human Sentence Processing, March 13-15, 2014, Ohio State University, Columbia, OH.
- Kaan, E. (2013) Second-language sentence processing: effects of L1 word order and reading speed. Talk presented at the Utrecht Institute of Linguistics, February 25, 2013; the University of Groningen, February 28, 2013; the Basque Center for Language and Cognition, April 10, 2013; at the University of Valladolid, Spain, April 12; and at the Grammar and Cognition forum, Radboud University Nijmegen, April 17, 2013.
- Lu, S., Wayland, R., and Kaan, E. (2013) Comparison of Perceptual Training and Production Training on Tone Identification. Poster, 2013 ASA conference.
- Lu, S., Holgate, E. Wayland, R., and Kaan, E. (2013) Effects of Production Training and Perception Training on Lexical Tone Perception – A behavioral and ERP study. Poster, Society for the

Neurobiology of Language 2013 Annual Meeting, San Diego, California, November 6-8, 2013.

Kaan, E., Kirkham, J., Davidson, N. and Wijnen, F. (2013) Predicting and Processing Ellipsis in Native and L2 Readers. Poster accepted as alternate at the International Conference on Multilingualism: Linguistic Challenges and Neurocognitive Mechanisms., McGill (withdrawn).

Kaan, E., Kirkham, J., Davidson, N. and Wijnen, F. (2013) Predicting and Processing Ellipsis in Native and L2 Readers. Poster Presentation, Society for the Neurobiology of Language 2013 Annual Meeting, San Diego, California, November 6-8, 2013.

Roman, P.E., Ray, N.R., Contemori, C, Kaan, E. and Dussias, P.E. (2013) Psychonomics The role of verb bias and plausibility in the resolution of temporarily ambiguous sentences: An ERP study with English speakers. 54th Annual Meeting of the Psychonomic Society, Toronto, Canada, November 14-17, 2013.

Kirkham, J., Guerra, C., Kaan, E. (2013) Electrophysiological response to manipulation of syntactic expectations. Poster, to be presented at the 26th CUNY conference on Human Sentence Processing, Columbia, SC. March 21-23, 2013.

Lu, S., Kirkham, J., Wayland, R. and Kaan, E. (2012) Perception and Production of Mandarin Tones by English Vocalists and Instrumentalists. Poster, 164th Meeting of the Acoustical Society of America in Kansas City, Missouri, October 24, 2012.

Kaan, E., Ballantyne, J., Overfelt, C. and Wijnen, F. (2012), Processing English object relatives: Where L2 sentence processing differs from L1. Poster at the 31st Second Language Research Forum (SLRF), October 18-21, 2012 at Carnegie Mellon University. (was accepted as a paper)

Kaan, E., Ballantyne, J., Overfelt, C. And Wijnen, F. (2012), Advanced L2 learners and native speakers differ in off-line, but not on-line sentence processing. Talk presented at the 5th Generative Approaches to Language Acquisition-North America (GALANA) conference, University of Kansas on October 11-13, 2012.

Wayland, R., Laphasradakul, D., Kaan, E., and Cao, R. (2012) Perception of Pitch Contours among Native Tone Listeners. Talk presented at InterSpeech 2012 13th Annual Conference of the International Speech Communication Association, September 9-13 2012, Portland, Oregon.

Cao, R., Wayland, R., Kaan, E. (2012). The Role of Creaky Voice in Mandarin Tone 2 and Tone 3 Perception. Poster presented at InterSpeech 2012 13th Annual Conference of the International Speech Communication Association, September 9-13 2012, Portland, Oregon.

Kaan, E., Ballantyne, J., Overfelt, C. and Wijnen, F. (2012), Advanced L2 learners and native speakers differ in off-line, but not on-line sentence processing. Poster presented at the Architectures and mechanisms of Language Processing (AMLaP), Riva del Garda, Italy, September 6-8, 2012.

Lu, S., Kirkham, J., Wayland, R. and Kaan, E. (2012) Lexical Tone Perception and Production by English Vocalists and Instrumentalists. Poster, International Workshop on Language Production (IWOLP '12), NYU, July 18-20, 2012.

Kaan, E., Ballantyne, J., Overfelt, C. and Wijnen, F. (2012) Processing English object relatives: where L2 sentence processing differs from L1. Poster accepted at the 25th CUNY conference on Human Sentence Processing, New York NY, March 14-17, 2012.

- Siyanova-Chanturia, A., Conklin, K., Kaan, E. and van Heuven, W. (2011) Representation and Processing of Frequent Phrases in the Brain ESCoP, BCBL, San Sebastian, 2nd October 2011.
- Kirkham, J., Lu, S., Wayland, R. and Kaan, E. Comparison of vocalists and instrumentalists on lexical tone perception and production tasks. Poster presented at the International Congress of the Phonetics Sciences, Hong Kong, August 2011.
- Kaan, E., Overfelt, C., Tromp, D., Tolboom, S., and Wijnen, F. (2011). ERP Indices of Processing Gapped Verbs. Poster presented at the CUNY Conference on Human Sentence Processing, March 24-26, 2011, Stanford, CA.
- Lu, S., Wayland, R., and Kaan, E. (2010). Pitch Direction in Syllables: Effects of Native Language and Musical Experience. Poster presented at the Neuroscience of Language Conference, Nov. 11-12, 2010, San Diego, CA.
- Kaan, E., Ballantyne, J., Choi, J., Rowlings, B., and Wijnen, F. (2010). Language conflict in second-language sentence processing: Investigating the role of proficiency and cognitive control. Poster presented at the Donostia workshop on neurobilingualism. September 30-October 2, 2010. San Sebastián, Spain.
- Cowles, H.W., Iqbal, O. and Kaan, E. (2010). Relative vs. Complement Clauses in Subject-Verb Agreement Attraction, poster presented at the CUNY conference on human sentence processing. NYU, New York, March 16-20, 2010.
- Kaan, E., Kara, W. and Keil, A. (2009). The effects of training on lexical tone perception: A time/frequency analysis. Poster presented at the Neurobiology of Language Conference, Chicago, October 15-16, 2009.
- Wayland, R., Kaan, E., Buin, T and Bao, M. (2009). Perception of Falling and Rising Pitch Contours: Effects of L1 background. A talk given at the Florida Chapter of the Acoustical Society of America, 219 Dauer Hall, University of Florida. October 8, 2009.
- Siyanova, A., Conklin, K., and van Heuven, W. and Kaan, E. (2009). Processing of binomial expressions: ERP evidence for their holistic storage and retrieval. Poster presented at the AMLAP conference, Barcelona, Spain, September 7-9, 2009.
- Dallas, A., Cowles, H.W. and Kaan, E. (2009). L2 Use of Verbal Properties during the Processing of Complex Sentences. Poster presented at the Second Language Processing and Parsing: State of the Science. Texas Tech, Lubbock, Texas. May 21-24, 2009.
- Kaan, E., Rowlings, B., and Wayland, R. (2009). Perception of pitch direction in native speakers of tone and non-tone languages. Poster presented at the Cognitive Neuroscience Society Annual meeting, March 21-24, San Francisco, CA.
- Kaan, E., Choi, J., Rowlings, B. Ballantyne, J. and Wijnen, F. (2009). Cognitive control and agreement. Poster presented at the CUNY conference on human sentence processing, UC Davis March 26-28, 2009.
- Wayland, R. Kaan, E. and Bao, M. (2008). Perception of falling and rising pitch contour contrast: Effects of first language (L1) background. Poster presented at the 156th Meeting of the Acoustical Society

of America, November 10-14, 2008, Miami, FL.

- Wayland, R., Herrera, E., Kaan, E. (2008). Cross Language Perception of Lexical Tone: Effects of L1, Musical Experience and Training. Accepted at 2008 Interspeech conference, Brisbane, Australia, September, 2008 (declined to present)
- Chevalier, N., Kaan, E., He, G., Liu, Y. (2008). When Things Do Not Refer: an fMRI study. Poster presented at the 2008 Cognitive Neuroscience Society meeting, San Francisco
- Kaan, E. Barkley, C, Bao, M and Wayland, R. (2008). Thai lexical tone perception in native speakers of Thai, Chinese and English: An ERP training study. Poster presented at the 2008 Cognitive Neuroscience Society meeting.
- Dallas, A.C., Cowles, H.W. and Kaan, E. (2008). The Use of Subcategorization Frame during Second Language Filler-Gap Resolution. Poster presented at the 2008 CUNY conference, Chapel Hill.
- Wayland, R., Kaan, E., Barkley, C., and Bao, M-Z. (2007). Effects of Native Language and Training on Speaker Normalization in Lexical Tone Perception. 154th Meeting of the Acoustical Society of America, New Orleans, Louisiana, November 27 –December 1, 2007.
- Wayland, R., Kaan, E., Bao, M. and Barkley, C. (2007). Effects of native language and training on speaker normalization in lexical tone perception: A Behavioral and Event-Related Potential study. A talk presented at the 2007 Mid-America Linguistics Conference. 26-28 October, 2007. Kansas University, Lawrence, Kansas.
- Kaan, E., Alcocer, P., Barkley, C., Dallas, A.C. (2007). Semantic Garden Pathing: Subsets and New Discourse Referents. Poster, 20th annual CUNY conference on Human Sentence Processing, La Jolla, CA, March 29-31, 2007.
- Barkley, C. and Kaan, E. (2007). Effects of lexical association on the resolution of coordination ambiguities. Poster, 20th annual CUNY conference on Human Sentence Processing, La Jolla, CA, March 29-31, 2007.
- Wayland, R., Kaan, E., Barkley, C and Bao, M. (2006). Effects of Native Language and Training on Lexical Tone Perception: Event-Related Potential Studies. Presented at the Phonetics Lab at the Department of Chinese, Translation and Linguistics , City University of Hong Kong on Dec. 7, 2006.
- Barkley, C., Kaan, E., Wayland, R., and Bao, M. (2006). Effects of native language and training on lexical tone perception: an ERP study. Talk, Acoustical Society of America, Florida Chapter, Gainesville, FL, September 21, 2006.
- Wayland, R., Kaan, E., Barkley, C., and Bao, M. (2006). Effects of Native Language and Training on Speaker Normalization in Lexical Tone Perception: An Event-Related Potential Study. Talk, Acoustical Society of America, Florida Chapter, Gainesville, September 21, 2006.
- Kaan, E., Barkley, C. Wayland, R., Bao, M. (2006). Effects of native language and training on lexical tone perception: an ERP study. Poster, Cognitive Neuroscience Annual meeting, San Francisco, CA, April 8-April 11, 2006.
- Kaan, E. (2005). Processing bare quantifiers. Invited speaker, Department of Linguistics, University of Nijmegen, The Netherlands, August 11, 2005.

- Erickson, M., and Kaan, E. (2005). The effects of discourse context on the interpretation of bare quantifiers. Poster, 18th annual CUNY conference on Human Sentence Processing, Tucson, AZ, March 31-April 2, 2005.
- Kaan, E. (2005). Processing bare quantifiers. Invited speaker, Hopkins Workshop on Linguistics, Department of Cognitive Science, John Hopkins University, Baltimore, Md., January, 2005.
- Kaan, E., and Wijnen, F. (2004). Quantifiers in Discourse: An ERP Study. Poster, 17th annual CUNY conference on Human Sentence Processing, College Park, MA, March 25-27, 2004.
- Kaan, E., Swaab, T.Y., Song, A. and McCarthy, G. (2003). Syntactic processing in the anterior temporal lobe. Poster, 16th annual CUNY conference on Human Sentence Processing, Boston.
- Kaan, E., Tabone, E.J. and Swaab, T.Y. (2002). Revision, Repair and the P600. Poster presented at the 2002 CNS meeting, San Francisco.
- Kaan, E. (2002). ERP indices of syntactic repair. Invited speaker, Department of Linguistics, University of Massachusetts, Amherst, March 14, 2002.
- Wijnen, F., and Kaan, E. (2001). Processing gapped sentences. Paper presented at the AMLaP '01 conference, September, Saarbrücken.
- Kaan, E. and Wijnen, F. (2001). Interpreting bare quantifiers in context. Paper presented at the International Workshop on Discourse and Processing, Utrecht University, The Netherlands, July 2-3, 2001.
- Kaan, E. (2001). Using ERPS to investigate sentence processing. Invited speaker at Mayfest, University of Maryland, May 18-20, 2001.
- Kaan, E. and Swaab, T.Y. (2001). An ERP study of syntactic reanalysis. Poster presented at the 2001 CNS meeting, New York; at the 14th Annual CUNY conference on Human Sentence Processing, Philadelphia, and The Neurological Basis of Language conference, Groningen, The Netherlands (abstract in *Brain and Language*, 86 (2003), p. 432).
- Kaan, E., Wijnen, F., and Swaab, T.Y. (2001). Gapping in the brain. Poster presented at the 14th Annual CUNY conference on Human Sentence Processing, Philadelphia.
- Kaan, E. and Wijnen, F. (2001). Interpreting anaphoric quantifiers in context. Poster presented at the 14th Annual CUNY conference on Human Sentence Processing, Philadelphia.
- Kaan, E. (2001). From neural activation to syntactic integration. Invited speaker, Department of Linguistics/ Cognitive Science Program, University of Delaware, March 19, 2001.
- Kaan, E. (2000). Interference effects in agreement processing: An ERP study. Poster presented at the CNS meeting, San Francisco.
- Kaan, E. (2000). Using the P600 to investigate models of processing difficulty and reanalysis. Paper presented at the 13th Annual CUNY conference on Human Sentence Processing, La Jolla.

- Kaan, E. and Vasic, N. (2000). Cross-serial dependencies in Dutch: Evidence for a discourse-based complexity metric. Poster presented at the 13th Annual CUNY conference on Human Sentence Processing, La Jolla.
- Kaan, E. and Vinokurova, N. (2000). Resolving Sakha number ambiguities across a distance: Evidence for DP as a processing domain. Poster presented at the 13th Annual CUNY conference on Human Sentence Processing, La Jolla.
- Babyonyshev, M., Gibson, T. and Kaan, E. (2000). The use of plausibility information in sentence reanalysis. Poster presented at the 13th Annual CUNY conference on Human Sentence Processing, La Jolla.
- Kaan, E. (1999). Effects of NP-type on word order preferences: Syntactic integration or frequency? Poster presented at the 12th Annual CUNY conference on Human Sentence Processing, New York.
- Kaan, E. (1999). The P600 as an index of syntactic integration difficulty. Invited presentation, Max-Planck Institute of Cognitive Neuroscience, Leipzig, Germany
- Kaan, E., Harris, A., Gibson, E. and Holcomb, P. (1998). The P600 as an index of syntactic integration difficulty. Paper presented at the AMLaP '98 conference, September 24-26, Freiburg.
- Harris, A., Kaan, E., Holcomb, P.J. and Gibson, E. (1998). LAN sensitivity to filler type, Poster presented at the 4th Annual meeting of the Cognitive Neuroscience Society, San Francisco.
- Kaan, E. and Gibson, E. (1997). Mechanisms of closure. Poster presented at the AMLaP conference, Edinburgh.
- Kaan, E. (1997). Resolving subject-object ambiguities in Dutch: evidence for a mixed-grain model Poster presented at the 10th Annual CUNY conference on Human Sentence Processing, Santa Monica.
- Kaan, E. (1996). Parsing embedded wh-questions. Poster presented at the 9th Annual CUNY Conference on Human Sentence Processing, New York.
- Kaan, E. and Stowe, L.A. (1995). Non-local violations: the effects of distance and memory span. Poster presented at the 2nd Annual meeting of the Cognitive Neuroscience Society, San Francisco.
- Kaan, E. and Stowe, L.A. (1995). Non-local subcategorization violations: the effects of distance and memory span. Paper presented at the 8th Annual CUNY Conference on Human Sentence Processing, Tucson, Arizona.
- Stowe, L.A., Kaan, E., Culicover, P. and Torello, M. (1994). Predicate argument structure: subcategorization or world knowledge? Paper presented at the 7th Annual CUNY Conference on Human Sentence Processing, New York.
- Kaan, E. and Stowe, L.A. (1994). Transitivity violations and ERPs. Poster presented at the 7th Annual CUNY Conference on Human Sentence Processing, New York.
- Gunter, Th.C., Stowe, L.A., Kaan, E., Lamers, M.J.A. and Mulder, G. (1994). When syntax meets semantics. Poster presented at the 7th Annual CUNY Conference on Human Sentence Processing, New York.

Non-refereed publications

- Kaan, E. (2002). Words help babies represent objects. Trends in Cognitive Sciences, 6(11), 452.
- Kaan, E. (2002). Left hemisphere discourse? Trends in Cognitive Sciences, 6(4), 152.
- Kaan, E.(2001). Unmasking the neural correlates of conscious perception Trends in Cognitive Sciences, 5(10), 414.
- Kaan, E. (2000). Form versus meaning in the brain. Trends in Cognitive Sciences, 4(7), 257.
- Kaan, E. (2000). Lexical memory. Trends in Cognitive Sciences, 4(1), 4.
- Kaan, E. (1999). Syntax and semantics? Trends in Cognitive Sciences, 3(9), 322.
- Kaan, E. (1999). Musical brainwaves. Trends in Cognitive Sciences, 3(3), 90.
- Kaan, E. (1999). Constraining aphasia. Trends in Cognitive Sciences, 3(2), 47.
- Kaan, E. (1998). Cerebral organization of language. Trends in Cognitive Sciences, 2(6), 205.

Non-refereed, internal publication

Stowe, L.A. and Kaan, E. / Kaan, E. and L.A. Stowe (1995, 2000, 2006). Developing an Experiment: Techniques and Design. Electronic manuscript. Used in many psycholinguistics labs as teaching material.

Outreach

- Living La Vida Bilingual. Spanglish in the mind. (With Jorge Valdes Kroff and Souad Kheder). Outreach at the UF Center for Hispanic and Latinx Affairs, November 19, 2020.
- Outreach on Language Sciences, Cade Museum for Creativity and Invention, Gainesville, FL., December 2018, May 2019, April 2022.
- Organizer, Linguistics talk series, Institute for Learning in Retirement, Oak Hammock, Gainesville, FL., Jan-Feb., 2017.
- Language processing and change in the mind and brain. Oak Hammock, Gainesville, FL Jan 19, 2017 (with Aleuna Lee)
- Junior Science, Engineering and Humanities Symposium (JSEHS), demonstrating ERP lab, eyetracking, and corpus linguistics lab, annually since 2008 with the exception of 2015

- Presentation on anticipatory processing in language comprehension. UF Neuroscience Club, University of Florida, February 11, 2014.
- Kaan, E. 'Bilingualism: Cognitive and Neural Mechanisms'. Continued education for speech and language pathologists (SLACS), February 26, 2011, United Church of Gainesville.
- Represented linguistics at bi-annual UF Majors fairs (2008- 2012).
- Presentation on ERPs and speech perception. UF Neuroscience Club, November 4th, 2008.
- Open house for students, faculty and visitors in general, September 4, 2004 and February 26, 2007.
- Interviewed for Brain Works, a publication of the DANA foundation, by Faith Brynie, April 30, 2008. Published in "Newborn Brain may be wired for speech" by Faith Hickman Brynie, *Brain Works*, July-August 2008, p.7-8.
- Appearance on CBS 'The Osgood files' to explain the impact of newly published research on songbirds brains on our understanding of human language (12/12/2003).

Other community service

- Team captain of the "UF Language and Brain labs" team (Altmann, Kaan and Cowles labs) at the Walk to End Alzheimer's, Annually 2013-2016.
- Founding member and organizer of the Dutch conversation club for the UF community.
- Board member (2007-2015); secretary (2014-2015), Duckpond Neighborhood Association, Gainesville, FL.