

CURRICULUM VITAE

Karen Emmorey
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EDUCATION

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|---------------------------------------|-------|------|-------------------------|
| University of California, Los Angeles | Ph.D. | 1987 | Linguistics |
| University of California, Los Angeles | M.A. | 1984 | Linguistics |
| University of California, Los Angeles | B.A. | 1982 | Linguistics, Psychology |

EMPLOYMENT

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| San Diego State University | Distinguished Professor | 2013 – present |
| San Diego State University School of Speech, Language, and Hearing Sciences | Professor | 2005 – 2013 |
| San Diego State University Department of Psychology | Adjunct Professor | 2006 – present |
| The University of California, San Diego | Adjunct Professor Department of Psychology | 1998 – present |
| The Salk Institute | Associate Director Lab for Cognitive Neuroscience | 2002 – 2005 |
| The Salk Institute | Senior Staff Scientist | 1996 – 2005 |
| The Salk Institute | Staff Scientist | 1990 – 1996 |
| The Salk Institute | Senior Research Associate | 1988 – 1990 |
| The Salk Institute | Post-Doctoral Fellow | 1987 – 1988 |

HONORS

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| Fellow, Linguistic Society of America | 2019 |
| Chair, Society for the Neurobiology of Language | 2018 |
| Chair, Linguistics Section of the AAAS | 2014 |
| Distinguished Professor, SDSU | 2013 |
| Outstanding Faculty Alumni Award | 2011 |
| Fellow, American Association for the Advancement for Science | 2010 |
| Top 25 Service Award, SDSU | 2009 |

DISTINGUISHED SERVICE

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| Language and Communication (LCOM) NIH Study Section | 2001 – 2005 |
| Member, NIDCD Strategic Plan Working Group | 2011 |

Member of the Advisory Board for:

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| Center for Deafness, Language, and Cognition (DCAL), London | 2005 – 2016 |
| Center for Language Science, Penn State | 2007 – present |

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| Language in Interaction, MPI, Nijmegen | 2015 – present |
| <u>Member of the Board of Directors for SDSU Research Foundation</u> | 2007 – present |
| <u>Associate Editor for:</u> | |
| <i>Journal of Deaf Studies and Deaf Education</i> | 2001 – 2017 |
| <i>Language</i> | 2013 – 2016 |
| <u>Member of the Editorial Board for:</u> | |
| <i>Language, Cognition, and Neuroscience</i> | 2014 – present |
| <i>Journal of Neurolinguistics</i> | 2014 – present |
| <i>Bilingualism: Language and Cognition</i> | 2013 – present |
| <i>Sign Language Studies</i> | 1998 – present |
| <i>Sign Language & Linguistics</i> | 2000 – present |
| <i>Journal of Memory and Language</i> | 2001 – 2003 |
| Representative of the Linguistic Society of America & the American Psychological Association to the American Association for the Advancement of Science | 2006 – 2017 2012 – 2017 |
| <u>Honorary Lectures (selected)</u> | |
| Plenary speaker, Linguistic Society of America (Utah) | 2018 |
| International Congress for the Education of the Deaf (Athens) | 2015 |
| Registry of Interpreters for the Deaf, Keynote (San Diego) | 2014 |
| International Congress of Linguistics, Keynote Geneva, Switzerland | 2013 |
| Distinguished Lecture at the National Science Foundation | 2012 |
| AAAS Topical Lecture | 2010 |
| Allen Edwards Endowed Lecture in Psychology University of Washington, Seattle | 2009 |
| Blackwell Lecture Series University of Maryland, College Park | 2009 |
| Speech and Hearing Foundation of Massachusetts Lecture Emerson College, Boston | 2008 |
| Keynote speaker, ISGS <i>Integrating Gestures</i> , Illinois | 2007 |
| Keynote speaker, CUNY conference, La Jolla, CA | 2007 |
| Keynote speaker, AmLAP meeting, Belgium | 2005 |
| The Nijmegen Lectures, MPI, The Netherlands | 2001 |
| Keynote speaker, European Psychology Meeting, Germany | 1999 |
| Keynote speaker, TISLR meeting, Washington D.C. | 1998 |

CURRENT FUNDED RESEARCH

- National Science Foundation, BCS-1756403, \$648,869 2018-2021
Neural tuning of the reading system
Role: Principle investigator (with Phillip Holcomb)
Purpose: This project uses neural tuning paradigms (ERP and fMRI) to identify the stimulus-based and experience-based factors that shape the brain's response to orthographic stimuli.
- National Science Foundation, BCS-1651372, \$485,000 2017-2020
Assessing the contribution of lexical quality variables to skilled reading in profoundly deaf adults
Role: Principle investigator
Purpose: This project investigates the explanatory power of orthographic, phonological, and semantic knowledge in accounting for variation in reading comprehension for deaf compared to hearing adults (matched on reading ability).
- National Science Foundation, BCS-1625954, \$287,454 2016-2019
Collaborative Research: The structure of the ASL lexicon: Experimental and statistical evidence from a large lexical database (ASL-LEX)
Role: Principle Investigator
Purpose: The aims of this project are a) to create a large, searchable, and publically available database of ~2,500 ASL signs that contains information about subjective frequency, iconicity, and sign phonology (among other properties); b) to conduct the first quantitative analysis of phonological/phonetic patterns across the ASL lexicon; and c) to conduct experiments to determine the psychological reality of these phonological patterns.
- National Science Foundation (\$32,583) 2016-2019
Research Experience for Undergraduates Supplement
- National Science Foundation (\$13,000) 2018-2019
Research Experience for Undergraduates Supplement
- National Institute of Health, R01 DC010997, \$1,966,731 2015-2020
Language, Modality, and the Brain
Role: Principal Investigator
Purpose: To determine the impact of lexical iconicity on language processing and its neural underpinnings and to investigate how production and perception are integrated for a visual-manual language.
- National Institutes of Health, R01 DC014246, \$879,042 2015-2019
Neural associations between orthographic, fingerspelled, and signed representations (Aim 2)
Role: Principal Investigator (with Phillip Holcomb)
Purpose: To use electrophysiological measures to a) assess whether ASL signs are accessed when reading English and whether English words are accessed when processing ASL signs, and b) identify the similarities and differences between processing print and fingerspelling.

COMPLETED RESEARCH PROJECTS

- National Science Foundation, BCS-1439257, \$580,702
Assessing the neural dynamics of reading in deaf adults 2014-2017
Role: Principle Investigator (with Philip Holcomb)
Purpose: To chart the time-course of visual word recognition using event-related potentials (ERPs), to characterize the nature of orthographic and phonological codes for skilled and less-skilled deaf readers, and to identify what factors (e.g., phonological awareness, spelling ability) predict variations in electrophysiological markers of different stages of visual word recognition.
- National Institute of Health, R01 HD047736, \$2,005,185 2010-2015
Bimodal Bilingualism,
Role: Principal Investigator
Purpose: To investigate the consequences of sign-speech or bimodal bilingualism from the perspectives of 1) the psycholinguistics of bilingualism, 2) the cognitive effects of bilingualism, and 3) structural and functional neural changes that accompany bilingualism.
- National Science Foundation, BCS 0823576, \$377,997 2008-2011
BCS 1154313, \$507,222 2012-2015
Processing orthographic structure: Associations between print and fingerspelling
Role: Principal Investigator (Dr. Jennifer Petrich, Co-Investigator)
Purpose: Using psycholinguistic and neuroimaging (fMRI) techniques, this project aims to a) understand how deaf adults represent printed English words and fingerspelled words and b) compare the neural regions that support single word reading for these different orthographies for deaf and hearing readers.
- National Institute of Health, R01 DC010997, \$3,117,822 2010-2015
Language, Modality, and the Brain
Role: Principal Investigator
Purpose: Investigate (a) the effects of modality on language production (b) the interplay between visual-gestural language and visual-spatial cognition, and (c) the functional neural organization of sign language.
- National Science Foundation, SBE 0541953, \$132,000 2008-2013
A Science of Learning Center in Visual Language and Visual Learning (VL2)
Director: Thomas Allen, Gallaudet University
Role: Investigator within the Bilingualism and Reading Strands
Purpose: To study how sign language acquisition facilitates the learning of written English.
- National Institutes of Health, RO1 DC006708, \$2,533,343 2005-2010
Neural Systems Underlying Sign Language Production,
Role: Principle Investigator
Purpose: To investigate, using PET, the neural systems engaged during the production of ASL, focusing on domains unique to a visual-gestural language: 1) spatial language, 2) pantomimic-like signs versus gesture, 3) phonological encoding in the visual-manual modality, and 4) macroscopic variations in neuroanatomy associated with deafness and/or with sign language experience.

National Science Foundation, BCS 0517994, \$625,950 2002-2009
ASL Perception and Production: Evidence from Eye Tracking,
 Role: Principal Investigator
 Purpose: To study eye behaviors during the perception and production of ASL by both native and nonnative signers, using head-mounted eye tracking technology.

National Institutes of Health, RO1 DC00201, \$1,301,147 2004-2007
Brain Organization: Clues from Sign Aphasia
 Role: Co- Investigator
 Purpose: The major aims of this project are to 1) build a database of the neurocognitive effects of focal brain injury in deaf signers; 2) map the neural systems supporting the perception and comprehension of ASL using fMRI and lesion data, and 3) to map the neural systems supporting the production of ASL and its relation to perception with both fMRI and lesion studies.

National Science Foundation, SBR-9809002, \$345,000 1999-2002
The Confluence of Space and Language in ASL
 Role: Principal Investigator
 Purpose: To examine the ramifications of using space for expressing linguistic contrasts in the referential and spatial domains. The experiments focus on the use of space to express coreference relations, frames of reference, and spatial information.

National Institute of Health, P50 DC03189, \$875,793 1997-2002
Neural Correlates of Lexical Processing in English and ASL
 Role: Co-Principal Investigator of Project 2; Program Project Director: Antonio Damasio
 Purpose: The major goal of Project 2 is to use Positron Emission Tomography to identify and characterize those aspects of the modality of a language and/or its structure that may partially alter the neural basis of lexical retrieval and production.

National Science Foundation, BCS-9910717, \$49,911 2000
Conference Grant: Classifier Constructions in Sign Languages
 Role: Principal Organizer
 Purpose: To document cross-linguistic variation in the grammatical structure of classifier constructions in signed languages, to compare classifiers in spoken and signed languages, and to add to our general understanding of the relation between language and gesture, the nature of grammaticalization, and the effects of language modality on linguistic structure.

National Institute of Health, DC01383, \$40,000 1992
Conference Grant: Theoretical Issues in Sign Language Research
 Role: Principal Organizer
 Purpose: To provide a forum for deaf and hearing researchers from different fields to present and discuss new developments concerning the structure of signed languages, their acquisition, the neuropsychology of sign language and deafness, and the role of sign language in deaf education.

National Institutes of Health, NRSA, NS08343-02, \$18,830

1987-1988

Universal Constraints on Natural Language Processing

Role: Principal Investigator

Purpose: Examine possible universal processing mechanisms by investigating how lexical signs are recognized and accessed in the mental lexicon of deaf signers. A second set of studies investigated hemispheric lateralization with respect to sign iconicity, prosody, and phonology.

PUBLICATIONS

BOOKS

Emmorey, K. (2002). *Language, cognition, and the brain: Insights from sign language research*. Lawrence Erlbaum and Associates: Mahwah, NJ.

Emmorey, K. (2003). *Perspectives on classifier constructions in sign languages*. (Editor). Lawrence Erlbaum and Associates: Mahwah, NJ.

Emmorey, K., & Lane, H. (2000). *The signs of language revisited: An anthology to honor Ursula Bellugi and Edward Klima*, (Editors), Lawrence Erlbaum Associates: Mahwah, NJ.

Emmorey, K. & Reilly, J. (1995). *Language, Gesture, and Space*, (Editors), Lawrence Erlbaum Associates: Hillsdale, NJ.

Under Review

Banaszkiewicz, A., Matuszewski, J., Bola, Ł., Szczepanik, M., Kossowski, B., Rutkowski, P., Szwed, M., **Emmorey, K.**, Jednoróg, K., & Marchewka, A. (under review). The time course of brain reorganization in hearing late learners of sign language, *NeuroImage*.

Emmorey, K., Li, C., Petrich, J., & Gollan, T. H. (under revision). Turning languages on and off: Switching into and out of code-blends reveals the nature of bilingual language control. *Journal of Experimental Psychology: Learning, Memory and Cognition*.

Meade, G., Grainger, J., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (under revision). ERP effects of masked orthographic neighbour priming in deaf readers. *Language, Cognition and Neuroscience*.

Mott, M., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (under review). Cross-modal translation priming and iconicity effects in deaf signers and hearing learners of American Sign Language. *Bilingualism: Language and Cognition*.

Nácar, L., Woll, B., Giezen, M.R., Adam, R., Werker, J., **Emmorey, K.**, Sebastian-Galles, N. (under invited revision). Can you see the difference? The bilingual advantage in visual language discrimination is not speech-specific. *PNAS*.

Pyers, J. E., Magid, R., Gollan, T., & **Emmorey, K.** (under revision). Gesture helps, only if you need it: The relationship between gesture, short term memory, and lexical retrieval.

Sevcikova Sehyr, Z., & **Emmorey, K.** (under review). The perceived mapping between form and meaning in American Sign Language depends on linguistic knowledge and task: Evidence from iconicity and transparency judgments. *Language and Cognition*.

Sevcikova Sehyr, Z., Midgley, K. J., Holcomb, P.J., **Emmorey, K.**, Plaut, D. C., & Behrmann, M. (under review). Unique N170 asymmetries to visual words and faces reflect experience-specific adaptation in adult deaf ASL signers. *Neuropsychologia*.

Vinson, D., Fox, N., Devlin, J.T., Vigliocco, G., & **Emmorey, K.** (under invited revision). Transcranial magnetic stimulation during British Sign Language production reveals monitoring of discrete linguistic units in left superior parietal lobule. *Neuropsychologia*.

In press

Brozdowski, C., Secora, K., **Emmorey, K.** (accepted). Assessing the comprehension of spatial perspectives in ASL classifier constructions. *Journal of Deaf Studies and Deaf Education*.

Emmorey, K. (in press). The neurobiology of reading differs for deaf and hearing adults. In M. Marschark and H. Knoors (Eds). *Oxford Handbook of Deaf Studies in Learning and Cognition*. Oxford University Press.

Emmorey, K., Nicodemus, B., & O'Grady, L. (in press). The language of perception in American Sign Language. In A. Majid & Stephen C. Levinson (Eds), *Language of Perception: The comparative codability of the senses across languages*. Oxford University Press.

Müller de Quadros, R., Davidson, K., Lillo-Martin, D., & **Emmorey, K.** (accepted). Code-blending with depicting signs. *Linguistic Approaches to Bilingualism*.

Secora, K., & **Emmorey, K.** (accepted). Social abilities and visual-spatial perspective-taking skill. *Journal of Deaf Studies and Deaf Education*.

Weisberg, J., Casey, S., Sevcikova Sehyr, Z., & **Emmorey, K.** (accepted). Second language acquisition of American Sign Language influences co-speech gesture production. *Bilingualism: Language and Cognition*.

2018

Blanco-Elorrieta, E., **Emmorey, K.**, & Pylkkänen, L. (2018). Language switching decomposed through MEG and evidence from bimodal bilinguals. *Proceedings of the National Academy of Sciences*. www.pnas.org/cgi/doi/10.1073/pnas.1809779115

Blanco-Elorrieta, E., Kastner, I., **Emmorey, K.**, & Pylkkänen, L. (2018). Shared neural correlates for building phrases in signed and spoken language. *Scientific Reports*, 8:5492. DOI:10.1038/s41598-018-23915-0

Emmorey, K. (2018). Variation in late L1 acquisition? Commentary on R.I. Mayberry and R. Kluender "Rethinking the critical period for language: New insights into an old question from American Sign Language." *Bilingualism: Language and Cognition*, 21(5), 917-918. doi:[10.1017/S1366728918000196](https://doi.org/10.1017/S1366728918000196)

Emmorey, K. (2018). Experimental approaches to studying visible meaning. *Theoretical Linguistics*, 44(3-4), 259-263. <https://doi.org/10.1515/tl-2018-0018>

Glezer, L. S., Weisberg, J., Farnady, C. O., McCullough, S., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2018). Orthographic and phonological selectivity across the reading system in deaf skilled readers. *Neuropsychologia*, 117, 500-512.

- Guistolisi, B., & **Emmorey, K.** (2018). Visual statistical learning with stimuli presented sequentially across space and time in deaf and hearing adults. *Cognitive Science*, 42, 3177-3190.
- Majid, A., Roberts, S.G., Cilissen, L, **Emmorey, K.**, . . . Levinson, S. (2018). The differential encoding of perception in the world's languages. *Proceedings of the National Academy of Sciences*. doi/10.1073/pnas.1720419115
- Meade, G., Lee, B., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2018). Phonological and semantic priming in American Sign Language: N300 and N400 effects. *Language, Cognition and Neuroscience*. doi.org/10.1080/23273798.2018.1446543
- Meade, G., Grainger, J., Midgley, K., **Emmorey, K.**, & Holcomb, P. (2018). From sublexical facilitation to lexical competition: ERP effects of masked priming. *Brain Research*, 1685, 29-41. <https://doi.org/10.1016/j.brainres.2018.01.029>
- Sevcikova Sehyr, Z., Giezen, M., & **Emmorey, K.** (2018). Comparing semantic fluency in ASL and English. *Journal of Deaf Studies and Deaf Education*. doi:10.1093/deafed/eny013
- Sevcikova Sehyr, Z., Nicodemus, B., Petrich, J., & **Emmorey, K.** (2018). Referring strategies in American Sign Language and English: The role of modality in creating reference to non-namable shapes. *Applied Psycholinguistics*, 39(5), 961-987. doi:10.1017/S0142716418000061

2017

- Caselli, N., Sevcikova Sehyr, Z., Cohen-Goldberg, A., & **Emmorey, K.** (2017). ASL-LEX: A lexical database of American Sign Language. *Behavioral Research Methods*, 49, 784–801. doi:10.3758/s13428-016-0742-0
- Emmorey, K.**, Midgley, K.J., Kohen, C., Sevcikova Sehyr, Z., & Holcomb, P.J. (2017). The N170 ERP component differs in laterality, distribution, and association with continuous reading measures for deaf and hearing readers. *Neuropsychologia*, 106, 298-309. <https://doi.org/10.1016/j.neuropsychologia.2017.10.001>
- Emmorey, K.** (2017). How to distinguish gesture from sign: New technology is not the answer. Commentary on “Gesture, sign, and language: The coming of age of sign language and gesture studies” S. Goldin-Meadow & D. Brentari, *Behavioral and Brain Sciences*, 40. doi:10.1017/S0140525X15002897, e59
- Emmorey, K.**, Giezen, M., Petrich, J.A.F., Spurgeon, E., & O’Grady Farnady, L. (2017). The relation between working memory and language comprehension for signers vs. speakers. *Acta Psychologica*, 177, 69-77. <https://doi.org/10.1016/j.actpsy.2017.04.014>
- Giezen, M.R., & **Emmorey, K.** (2017). Evidence for a bimodal bilingual disadvantage in letter fluency, *Bilingualism: Language and Cognition*. 20(1), 42–48. doi: <http://dx.doi.org/10.1017/S1366728916000596>
- Keane, J., Sevcikova Sehyr, Z., **Emmorey, K.**, & Brentari, D. (2017). A theory-driven model of handshape similarity. *Phonology*, 34, 221-241. doi:10.1017/S0952675717000124
- Li, L., Abutalebi, J., **Emmorey, K.**, Gong, G., Yan, Z., Feng, Z., Zou, L., & Ding, G. (2017). How bilingualism protects the brain from aging: insights from bimodal bilinguals. *Human Brain Mapping*, 38(3), 4109-4124. doi: 10.1002/hbm.23652

- Liu, L., Yan, X., Liu, J., Xia, M., Lu, C., **Emmorey, K.**, Chu, M., & Ding, G. (2017). Graph theoretical analysis of functional network for comprehension of sign language. *Brain research, 1671*, 55-66. <http://dx.doi.org/10.1016/j.brainres.2017.06.031>
- Meade, G., Midgley, K., Sevcikova Sehyr, Z., Holcomb, P., & **Emmorey, K.** (2017). Implicit co-activation of American Sign Language in deaf readers: An ERP study. *Brain and Language, 170*, 5061. <http://dx.doi.org/10.1016/j.bandl.2017.03.004>
- Mehravari, A., **Emmorey, K.**, Prat, C., Klarman, L., & Osterhout, L. (2017). Brain-based individual difference measures of reading skill in deaf and hearing adults. *Neuropsychologia, 101*, 153-168.
- Sevcikova Sehyr, Z., Petrich, J., & **Emmorey, K.** (2017). Fingerspelled and printed words are recoded into a speech-based code in short-term memory. *Journal of Deaf Studies and Deaf Education, 22*(1), 72-81. doi:10.1093/deafed/enw068

2016

- Emmorey, K.**, Mehta, S., McCullough, S., & Grabowski, T.G. (2016). The neural circuits recruited for the production of signs and fingerspelled words. *Brain and Language, 160*, 30-41. doi.org/10.1016/j.bandl.2016.07.003
- Emmorey, K.**, McCullough, S., & Weisberg, J. (2016). The neural underpinnings of reading skill in deaf adults. *Brain and Language, 160*, 11-20. doi.org/10.1016/j.bandl.2016.06.007
- Emmorey, K.** (2016). Consequences of the Now-or-Never bottleneck for signed vs. spoken languages. *Behavioral and Brain Sciences, 39*, e70, doi: <http://dx.doi.org/10.1017/S0140525X1500076X>
- Emmorey, K.**, Giezen, M.R., & Gollan, T.H. (2016). Psycholinguistic, cognitive, and neural implications of bimodal bilingualism. *Bilingualism: Language and Cognition, 19*(2), 223-242. doi:10.1017/S1366728915000085
- Emmorey, K.**, Giezen, M.R., & Gollan, T.H. (2016). Insights from bimodal bilingualism: Reply to commentaries. *Bilingualism: Language and Cognition, 19*(2), 261-263. doi:10.1017/S1366728915000085
- Emmorey, K.** (2016). Cognitive Processes. In G. Gertz and P. Boudreault (Eds.), *Deaf Studies Encyclopedia*, Sage Publishers.
- Giezen, M.R., & **Emmorey, K.** (2016). Language co-activation and lexical selection in bimodal bilinguals: Evidence from picture-word interference. *Bilingualism: Language and Cognition, 19*(2), 264-276. doi:10.1017/S1366728915000097
- Giezen, M.R., & **Emmorey, K.** (2016). Semantic integration and age of acquisition effects in code-blend comprehension. *Journal of Deaf Studies and Deaf Education, 21*(2), 213-221. doi:10.1093/deafed/env056
- Li, L., **Emmorey, K.**, Feng, X., Lu, C., & Ding, G. (2016). Functional connectivity reveals which language the “control regions” control during bilingual production. *Frontiers in Human Neuroscience, 10*, 616. doi: 10.3389/fnhum.2016.00616

Weisberg, J., Hubbard, A.L., & Emmorey, K. (2016). Multisensory semantic integration of spontaneously produced representational co-speech gestures: An fMRI study. *Language, Cognition and Neuroscience*, 32(2), 158-174. doi: 10.1080/23273798.2016.1245426

2015

Emmorey, K. (2015). The neurobiology of sign language. In A. Toga (Ed), *Brain mapping: An encyclopedic reference*, vol. 3, pp. 475-478, Oxford, England: Elsevier.

Emmorey, K., McCullough, S., & Weisberg, J. (2015). Neural correlates of fingerspelling, text, and sign processing in deaf ASL-English bilinguals. *Language, Cognition, and Neuroscience*, 30(6), 749-767.

Emmorey, K., & Özyurek, A. (2015). Language in our hands: Neural underpinnings of sign language and co-speech gesture. In M. Gazzaniga (Ed.), *The Cognitive Neurosciences V.*, pp. 657–665, The MIT Press.

Giezen, M.R., Blumenfeld, H., Shook, A., Marian, V., & Emmorey, K. (2015). Parallel language activation and inhibitory control in bimodal bilinguals. *Cognition*, 141, 9-25. doi.org/10.1016/j.cognition.2015.04.009

Hauser, P., Paludneviene, R., Riddle, W., Kurz, K., Emmorey, K., Contreras, J. (2015). American Sign Language Comprehension Test: A tool for sign language researchers. *Journal of Deaf Studies and Deaf Education*. doi:10.1093/deafed/env051

Iverson, J., Patel, A., Nicodemus, B., & Emmorey, K. (2015). Synchronization to auditory and visual rhythms in hearing and deaf individuals. *Cognition*, 134, 232-244.

Nicodemus, B., & Emmorey, K. (2015). Directionality in ASL-English interpreting: Quality and accuracy in L1 and L2. *Interpreting*, 17(2), 145-166.

Pyers, J.E., Perniss, P., & Emmorey, K. (2015). Viewpoint in the visual-spatial modality: The coordination of spatial perspective in sign languages. *Spatial Cognition and Computation*, 15(3), 1–28.

Weisberg, J., McCullough, S., & Emmorey, K. (2015). Simultaneous perception of a spoken and a signed language: The brain basis of ASL-English code-blends. *Brain and Language*, 147, 96–106.

2014

Emmorey, K. (2014). Iconicity as structure-mapping. *Philosophical Transactions of the Royal Society B*. 20130301, <http://dx.doi.org/10.1098/rstb.2013.0301>

Emmorey, K., McCullough, S., Mehta, S., & Grabowski, T. J. (2014). How sensory-motor systems impact the neural organization for language: Direct contrasts between spoken and signed language. *Frontiers in Psychology*, 5(484), doi: 10.3389/fpsyg.2014.00484.

Secora, K., & Emmorey, K. (2014). The Action-Sentence Compatibility effect in ASL: The role of semantics vs. perception. *Language and Cognition*, 7(2), 305-318. doi:10.1017/langcog.2014.40

2013

Allen, J.S., Emmorey, K., Bruss, J., & Damasio, H. (2013). Neuroanatomical differences in visual, motor, and language cortices between congenitally deaf signers, hearing signers, and hearing non-signers. *Frontiers in Neuroanatomy*, 7(26), doi:

10.3389/fnana.2013.00026.

- Baus, C., Carreiras, M., & Emmorey, K. (2013). When does iconicity in sign language matter? *Language and Cognitive Processes*, 28(3), 261-71. DOI:10.1080/01690965.2011.620374
- Emmorey, K., McCullough, S., Mehta, S.H., Ponto, L.B., & Grabowski, T.J. (2013). The biology of linguistic expression impacts neural correlates for spatial language. *Journal of Cognitive Neuroscience*, 25(4), 517-533.
- Emmorey, K., Petrich, J.A.F., & Gollan, T. H. (2013). Bimodal bilingualism and the frequency-lag hypothesis. *Journal of Deaf Studies and Deaf Education*, 18(1), 1-11.
- Emmorey, K., Weisberg, J., McCullough, S., & Petrich, J. A. F. (2013). Mapping the reading circuitry for skilled deaf readers: An fMRI study of semantic and phonological processing. *Brain and Language*, 126, 169-180.
- Emmorey, K. (2013). The neurobiology of sign language and the mirror system hypothesis. *Language and Cognition*, 5(2-3), 205-210.
- Nicodemus, B., & Emmorey, K. (2013). Direction asymmetries in spoken and signed language interpreting. *Bilingualism: Language and Cognition*, 16(3), 624-636. doi:10.1017/S13667289I2000521
- Thompson, R., Emmorey, K., Kluender, R., & Langdon, C. (2013). The eyes don't point: Understanding language universals through person marking in American Sign Language. *Lingua*, 137, 219-229.

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PRESENTATIONS

2018

Emmorey, K. (2018). The neurobiology of reading in deaf and hearing adults. Invited colloquium for Seminars in Hearing and Communication Sciences (SHACS) at the University of Washington, December, Seattle, WA.

- Emmorey, K.** (2018). Turning languages on and off: Bimodal bilinguals reveal the source of language switch-costs. Keynote presented at the *Conference on Interdisciplinary Approaches to Linguistic Theory (CIALT)*, October, Berlin, Germany.
- Emmorey, K.** (2018). The neural biology of reading differs for deaf and hearing adults. Keynote talk given at the *Workshop on reading, language, and deafness (WoRLD)*, October, San Sebastian, Spain.
- Glezer, L.S., Midgley, K.J., **Emmorey, K.**, & Holcomb, P.J., (2018). ERPs reveal early orthographic and phonological selectivity during single word reading. Poster presented at the *Society for the Neurobiology of Language*, August, Québec City, Canada.
- Lee, B., Meade, G., Mott, M., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2018). ERP evidence for implicit co-activation of English during recognition of American Sign Language. Poster presented at the *Society for the Neurobiology of Language*, August, Québec City, Canada.
- Osmond, S., Winsler, K., Meade, G., Holcomb, P.J., Midgley, K.J., & **Emmorey, K.** (2018). Frequency, orthographic neighborhood, and concreteness effects in deaf readers of English: an ERP study. Poster presented at the *Society for the Neurobiology of Language*, August, Québec City, Canada.
- Massa, N., Meade, G., Lee, B., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2018). Single-parameter phonological priming in American Sign Language: An ERP study. Poster presented at the *Society for the Neurobiology of Language*, August, Québec City, Canada.
- McGarry, M., Mott, M., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2018). Picture naming in American Sign Language: an ERP study of the effects of iconicity and alignment. Poster presented at the *Society for the Neurobiology of Language*, August, Québec City, Canada.
- Ries, S., Mickelsen, S., Nadalet, L., Mott, M., Midgley, K. J., Holcomb, P.J., & **Emmorey, K.** (2018). Pre-output language monitoring in sign production. Poster presented at the *Society for the Neurobiology of Language*, August, Québec City, Canada.
- Sevcikova Sehyr, Z., Renna, J., Osmond, S., Midgley, K.J., Holcomb, P.J. & **Emmorey, K.** (2018). Priming effects between fingerspelled fonts and printed letters. Poster presented at the *Society for the Neurobiology of Language*, August, Québec City, Canada.
- Brozdowski, C., & **Emmorey, K.** (2018). Shadowing linguistic and non-linguistic body movements. Paper presented at the *International Society for Gesture Studies*, July, Cape Town, South Africa.
- Emmorey, K.**, & Sevcikova Sehyr, Z. (2018). Measuring iconicity in sign language: Effects of linguistic knowledge and transparency on perceived iconicity. Paper presented at the *International Society for Gesture Studies*, July, Cape Town, South Africa.
- Lee, B., Meade, G., Mott, M., Midgley, K., Holcomb, P., & **Emmorey, K.** (2018). Activation of English during American Sign Language recognition by bimodal bilinguals: An ERP study. Poster presented at the *International Psychonomic Society Meeting*, May, Amsterdam, The Netherlands.

- Holcomb, P., Meade, G., Midgley, K., Grainger, J., & Emmorey, K. (2018). ERP masked repetition priming in deaf and hearing readers. Paper presented at the *International Psychonomic Society Meeting*, May, Amsterdam, The Netherlands.
- Emmorey, K. (2018). Iconicity in sign language. Keynote presentation at *Evolang*, April, Torun, Poland.
- Emmorey, K. (2018). The neurobiology of language: Perspectives from sign language. Keynote speaker at the *National Cognitive Science Conference*, April, San Diego, CA.
- Blanco-Elorrieta, E., Emmorey, K., & Pylkkänen, L. (2018). Task switching decomposed: MEG evidence from bimodal bilingual language switching. Paper presented at the *Cognitive Neuroscience Society Meeting*, March, Boston, MA.
- Glezer, L, Midgely, K. J., Emmorey, K., & Holcomb, P.J. (2018). ERPs reveal early feedforward orthographic and phonological selectivity during single word reading. Poster presented at the *Cognitive Neuroscience Society Meeting*, March, Boston, MA.
- Mickelson, S., Nadalet, L., Mott, M., Midgley, K., Holcomb, P., Emmorey, K., & Ries, S. (2018). Language output monitoring in sign production: an electroencephalography study. Poster presented at the *Cognitive Neuroscience Society Meeting*, March, Boston, MA.
- Sevcikova Sehyr, Z., Renna, J., Midgley, K., Emmorey, K., & Holcomb, P. (2018). Orthographic priming by fingerspelled and printed letters. Poster presented at the *Cognitive Neuroscience Society Meeting*, March, Boston, MA.
- Emmorey, K. (2018). The neurobiology of language: Perspectives from sign language research. Plenary speaker at the *Linguistic Society of America* meeting, January, Salt Lake City, Utah.
- 2017**
- Sevcikova Sehyr, Z., Fisher, D., & Emmorey, K. (2017). The influence of sign language experience on iconicity judgments. Poster presented at the *Psychonomic Society* meeting, November, Vancouver, Canada.
- Blanco-Elorrieta, E., Emmorey, K., & Pylkkänen, L. (2017). Turning a language ‘off’ is cognitively effortful, but turning a language ‘on’ is not. Paper presented at the *Society for the Neurobiology of Language*, November, Baltimore, MD.
- Mott, M., Midgley, K., Holcomb, P., Meade, G., & Emmorey, K. (2017). Picture-word interference in bimodal bilinguals. Poster presented at the *Society for the Neurobiology of Language*, November, Baltimore, MD.
- Emmorey, K. (2017). Neurophysiological effects of iconicity in American Sign Language. Paper presented at the CLS-MPI Iconicity Focus Group Workshop. July, Nijmegen, The Netherlands.
- Emmorey, K., Midgely, K., Holcomb, P. (2017). Tracking the time course of sign recognition using ERP repetition priming. Paper presented at the Formal and Experimental Advances in Sign Language Theory (FEAST) conference, June, Reykjavik, Iceland

- Müller de Quadros, R., Davidson, K., Lillo-Martin, D., & Emmorey, K. (2017). Depicting signs in bimodal bilingual code-blending. Paper presented at the Formal and Experimental Advances in Sign Language Theory (FEAST) conference, June, Reykjavik, Iceland.
- Emmorey, K., & Pyers, J. (2017). Cognitive biases in construing iconic mappings. *11th International symposium on iconicity in language and literature*. April, Brighton, UK.
- Emmorey, K. (2017). What sign production can tell us about speech production. *CNS Satellite symposium: Neural bases of speech production*, March, San Francisco, CA.
- Emmorey, K., Midgley, K., & Holcomb, P. (2017). The N170 ERP component differs in laterality, distribution, and association with continuous reading measures for deaf and hearing readers. Poster presented at the *Cognitive Neuroscience Society* meeting, March, San Francisco, CA.
- Glezer, L., Weisberg, J., O'Grady, C., McCullough, S., Midgley, K., Holcomb, P. & Emmorey, K. (2017). Orthographic and phonological sensitivity in the reading network in skilled deaf readers. Poster presented at the *Cognitive Neuroscience Society* meeting, March, San Francisco, CA.
- Lee, B., Midgley, K., Holcomb, P., Emmorey, K., & Meade, G. (2017). Phonological and semantic priming in American Sign Language: An ERP study. Poster presented at the *Cognitive Neuroscience Society* meeting, March, San Francisco, CA.
- Meade, G., Midgley, K., Grainger, J., Holcomb, P., & Emmorey, K. (2017). Electrophysiological evidence of lexical competition from masked neighbor priming. Poster presented at the *Cognitive Neuroscience Society* meeting, March, San Francisco, CA.
- Midgley, K., Holcomb, P., & Emmorey, K. (2017). An ERP investigation of repetition priming effects in American Sign Language: Time-locking to dynamic stimuli. Poster presented at the *Cognitive Neuroscience Society* meeting, March, San Francisco, CA.
- Mott, M., Midgley, K., Emmorey, K., & Holcomb, P. (2017). Effects of iconicity on cross-modal translation priming in hearing learners of American Sign Language and deaf native signers: An ERP study. Poster presented at the *Cognitive Neuroscience Society* meeting, March, San Francisco, CA.
- Sevcikova Sehyr, Z., Midgely, K., Emmorey, K., & Holcomb, P. (2017). Is the N170 lateralization for words and faces influenced by sign language experience? Poster presented at the *Cognitive Neuroscience Society* meeting, March, San Francisco, CA.
- Emmorey, K., Sevcikova Sehyr, Z., & Petrich, J. (2017). Fingerspelled words are re-coded into a speech-based form in short term memory. *Linguistic Society of America Meeting*, January, Austin, TX.

2016

- Emmorey, K. (2016). The impact of distinct sensory-motor systems on the neurobiology of language: Signed vs. spoken languages. Paper presented at the Psychonomics Society Meeting, November, Boston, MA.
- Sevcikova Sehyr, Z., Emmorey, K., Midgley, K., & Holcomb, P. (2016). Hemispheric lateralization of early ERP components in deaf and hearing readers with low and high

- vocabulary size. Poster presented at the Psychonomics Society Meeting, November, Boston, MA.
- Emmorey, K.** (2016). The bimodal bilingual brain. Invited colloquium at Temple University, November, Philadelphia, PA.
- Emmorey, K.** (2016). The neurobiology of language from the perspective of sign languages. Invited colloquium at the University of Michigan, October, Ann Arbor, MI.
- Caselli, N., Sevcikova Sehyr, Z., Cohen-Goldberg, A., & **Emmorey, K.** (2016). An investigation of the American Sign Language lexicon. Paper presented at the 10th International Conference on the Mental Lexicon, October, Ottawa, Canada.
- Schaller, F., **Emmorey, K.**, Lee, B., & O’Grady Farnady, C. (2016). Iconic priming and metaphoric mapping in deaf signers of American Sign Language. Poster presented at the Perception Metaphor Workshop, October, Nijmegen, The Netherlands.
- Muller de Quadros, R., Lillo-Martin, D., Polinsky, M., & **Emmorey, K.** (2016). Heritage signers: Bimodal bilingual structures. Paper presented at the Generative Approaches to Language Acquisition North America (GALANA), October, Urbana-Champaign, IL.
- Meade, G., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.**, (2016). Co-Activation of American sign language in deaf readers: An ERP study. Society for the Neurobiology of Language, August, London, UK.
- Sevcikova Sehyr, Z., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2016). Hemispheric lateralization of early ERP components in deaf readers with low and high vocabulary size. Society for the Neurobiology of Language, August, London, UK.
- Emmorey, K.** (2016). The neural underpinnings of reading skill in profoundly deaf adults. Paper presented at the workshop on “Multimodal multilingual outcomes in deaf and hard-of-hearing children.” June, Stockholm, Sweden.
- Emmorey, K.**, (2016). The neurobiology of language: Perspectives from sign language. Invited colloquium at the Nencki Institute, May, Warsaw, Poland.
- Emmorey, K.**, (2016). Psycholinguistic, cognitive, and neural implications of bimodal bilingualism. Invited talk at the Bilingual Mind, Brain, and Child Development Symposium, May, Austin, Texas.
- Emmorey, K.**, (2016). Iconicity as structure mapping. Paper presented at the Association for Psychological Science, May, Chicago, Illinois.
- Emmorey, K.**, Sevcikova Sehyr, Z., Midgley, K., & Holcomb, P. (2016). Neurophysiological correlates of frequency, concreteness, and iconicity in American Sign Language. Poster presented at the Cognitive Neuroscience Society, April, New York, New York.
- Mott, M., Meade, G., Winsler, K., Campbell, S., Midgley, K., **Emmorey, K.**, & Holcomb, P. (2016). An electrophysiological study of initial American Sign Language acquisition in adult learners. Poster presented at the Cognitive Neuroscience Society, April, New York, New York.
- Sevcikova Sehyr, Z., Midgley, K., Behrmann, M., **Emmorey, K.**, Holcomb, P., & Plaut, D. (2016). Lateralization of the N170 for word and face processing in deaf ASL signers. Poster presented at the Cognitive Neuroscience Society, April, New York, New York.

Emmorey, K., Midgley, K., & Holcomb, P. (2016). Neurophysiological correlates of lexical access in American Sign Language. Theoretical Issues in Sign Language Research 12, January, Melbourne, Australia.

Sevcikova Sehyr, Z., Caselli, N., Goldberg-Cohen, A., & **Emmorey, K.** (2016). ASL-LEX: A lexical database for American Sign Language. Theoretical Issues in Sign Language Research 12, January, Melbourne, Australia.

Sevcikova Sehyr, Z. & **Emmorey, K.** (2016). Short-term memory for ASL fingerspelling and print. Theoretical Issues in Sign Language Research 12, January, Melbourne, Australia.

2015

Sevcikova Sehyr, Z., **Emmorey, K.**, Midgley, K., & Holcomb, P. (2015). Lateralization of the N170 for word and face processing in deaf signers. Colloquium presented at the UCSD Center for Research on Language, November, San Diego, California.

Secora, K., & **Emmorey, K.** (2015). Differing social and nonsocial strategies for deaf signers and hearing nonsigners during visual spatial perspective-taking tasks. Poster presented at the annual American Speech-Language-Hearing Association meeting. November, Denver, Colorado.

Emmorey, K. (2015). The psycholinguistic and neurolinguistic consequences of bimodal bilingualism. Colloquium presented at New York University, October, New York, New York.

Emmorey, K. (2015). The signing brain: What sign languages tell us about human language. Colloquium presented at Teacher's College, October, New York, New York.

Emmorey, K., McCullough, S., & Weisberg, J. (2015). The neural underpinnings of reading skill in deaf adults. Poster presented at the annual meeting of the Society for the Neurobiology of Language, October, Chicago, Illinois.

Holcomb, P., Midgley, K., Grainger, J., & **Emmorey, K.** (2015). Tracking the time course of ASL sign processing using ERP repetition priming. Paper presented at the annual meeting of the Society for Psychophysiological Research, October, Seattle, Washington.

Emmorey, K. (2015). The psycholinguistic and neurolinguistic consequences of bimodal bilingualism. Colloquium presented at Beijing Normal University, September, Beijing, China.

Emmorey, K. (2015). The neural underpinnings of reading skill in profoundly deaf adults. Keynote at the International Congress on the Education of the Deaf, July, Athens, Greece.

Emmorey, K. (2015). Unique challenges to spatial thinking in a sign language. Invited presentation for the workshop on "The spatial grounding of learning: Action, gesture, and language" at the University of Chicago, June, Chicago, Illinois.

McCullough, S., & **Emmorey, K.** (2015). Comparison of cortical gyrification in deaf signers, hearing signers, and hearing nonsigners. Poster presented the meeting of the Organization for Human Brain Mapping, June, Oahu, Hawaii.

- Secora, K., **Emmorey, K.**, Pyers, J., & Perniss, P. (2015). Perspective-taking in manually-produced spatial descriptions and the role of inhibitory control. 37th Annual Conference of the German Linguistic Society, March, Leipzig, Germany.
- Midgley, K., Holcomb, P., Grainger, J., & **Emmorey, K.** (2015). Evidence of a dissociation in ERP repetition priming effects between deaf signers and hearing non-signers. Poster presented at the Cognitive Neuroscience Society meeting, April, San Francisco, CA.
- Kohen, C., Midgley, K., Holcomb, P., Grainger, J., & **Emmorey, K.** (2015). Differences in P1 and N170 ERP components for deaf vs. hearing readers. Poster presented at the Cognitive Neuroscience Society meeting, April, San Francisco, CA.

2014

- Emmorey, K.**, Petrich, J., & Gollan, T. (2014). Evidence from bimodal bilinguals indicates “turning a language ON” is not costly, but “turning a language OFF” is. Paper presented at the Psychonomic Society Meeting, November, Long Beach, California.
- Sevcikova Sehyr, Z. & **Emmorey, K.** (2014). Short-term memory for ASL fingerspelling and print. Poster presented at the Psychonomic Society Meeting, November, Long Beach, California.
- Geizen, M., & **Emmorey, K.** (2014). Semantic integration during code-blend comprehension in bimodal bilinguals. Poster presented at the Psychonomic Society Meeting, November, Long Beach, California.
- Emmorey, K.** (2014). “The bimodal bilingual brain” and “The neurocognitive underpinnings of reading skill in profoundly deaf adults” Keynote presentations for the 4th Australasian Deaf Studies Research Symposium, October, Sydney, Australia.
- Emmorey, K.** (2014). The neurobiology of language: Perspectives from sign language. Keynote for the Arizona Linguistics Circle Conference, October, Tucson, AZ.
- Mehravari, S., Klarman, L., **Emmorey, K.**, & Osterhout, L. (2014). Brain-based individual difference measures of reading skill in deaf adults. Poster presented at the Society for the Neurobiology of Language, August, Amsterdam, The Netherlands.
- Emmorey, K.**, Midgley, K., Grainger, J., & Holcomb, P. (2014). The temporal dynamics of visual word perception in deaf adults. Poster presented at the Society for the Neurobiology of Language, August, Amsterdam, The Netherlands.
- Emmorey, K.** (2014). Iconicity as structure mapping. Paper presented at the International Society for Gesture Studies conference, July, San Diego, California.
- Pyers, J. **Emmorey, K.**, & Gollan, T. (2014). Unlike gestures, production of ASL signs impairs word retrieval for ASL-English bilinguals. Paper presented at the International Society for Gesture Studies conference, July, San Diego, California.
- Sevcikova Sehyr, Z. & **Emmorey, K.** (2014). Gesture serves the speaker more than the listener in descriptions of ineffable shapes. Paper presented at the International Society for Gesture Studies conference, July, San Diego, California.
- Udoff, J., & **Emmorey, K.** (2014). Coordination between the hands and mouth: A kinematic experiment in ASL. Paper presented at the International Society for Gesture Studies conference, July, San Diego, California.

- Emmorey, K.** (2014). “The neurobiology of language: Perspectives from sign language” and “Signing vs. speaking: How the biology of linguistic expression affects language production”. Invited Instructor for the ESCOP Summer School, July, San Sebastian, Spain.
- Emmorey, K.** (2014). The impact of distinct sensory-motor systems on the neurobiology of language: signed vs. spoken languages. Invited instructor for the Cold Spring Harbor Laboratory Course on *Genetics & Neurobiology of Language*, July, Cold Spring Harbor, NY.
- Emmorey, K.** (2014). Bimodal bilingualism: Interpreting perspectives. Keynote speaker for the Registry of Interpreters for the Deaf Region V conference, June, San Diego, California.
- Emmorey, K.** (2014). The neurobiology of language: Perspectives from sign language. Colloquium at the Center for Mind/Brain Sciences, June, Rovereto, Italy.
- Emmorey, K.** (2014). What sign languages reveal about the face. Invited instructor for the Summer school on “What faces can reveal about social and cognitive processes”, Bicocca University, June, Milan, Italy.
- Emmorey, K.** (2014). Code-blending and co-speech gesture in bimodal bilinguals. Keynote speaker at the From Sound to Gesture conference, May, Padova, Italy.
- Emmorey, K.** (2014). Codes-switching by bimodal bilinguals. Invited colloquium, University Pompeu Fabre, May, Barcelona, Spain.
- Emmorey, K.** (2014). Psycholinguistic, cognitive, and neural consequences of bimodal bilingualism. Linguistics colloquium. April, Yale University, New Haven, CT.
- Emmorey, K.** (2014). Psycholinguistic, cognitive, and neural consequences of bimodal bilingualism. Linguistics colloquium. March, Swarthmore University, Swarthmore, PA.
- Emmorey, K.** (2014). The signing brain. Invited colloquium. March, University of Pennsylvania, Philadelphia, PA.
- Emmorey, K.** (2014). The psycholinguistic and neural consequences of bimodal bilingualism. Invited colloquium. February, University of Edinburgh, Edinburgh, UK.

2013

- Emmorey, K.** (2013). Lecture series on “The signing brain,” “Sign language psycholinguistics” and “Neural circuits supporting reading in deaf signers” at École Normale Supérieure and NeuroSpin, December, Paris, France.
- Vinson, D., Fox, N., **Emmorey, K.**, Devlin, J., & Vigliocco, G. (2013). The role of left superior parietal lobule in sign language production: A TMS study with British Sign Language. Poster presented at the Society for the Neurobiology of Language, November, San Diego, CA.
- Emmorey, K.**, Mehta, S.H., McCullough, S., & Grabowski, T.J. (2013). The neural circuits recruited for the production of fingerspelling and signing. Poster presented at the Society for Neuroscience, November, San Diego, CA.
- Emmorey, K.** (2013). The cognitive neuroscience of reading for deaf signers. Colloquium given at the Institute for Cognitive Neuroscience at University College London, October, London, UK.

- Emmorey, K.** (2013). The signing brain: What sign languages tell us about human language. Public lecture given at New York University, September, New York, New York.
- Emmorey, K.** (2013). Signing vs. speaking: How the biology of linguistic expression affects language production. Colloquium given for the NYU Linguistics Department, September, New York, New York.
- Emmorey, K.** (2013). The linguistic and neural ramifications of spatial iconicity in sign languages. Keynote presented at the Conference on Spatial Information Theory, September, Scarborough, England.
- Emmorey, K.** (2013). The bimodal bilingual brain. Keynote given at the Neurobilingualism Workshop, August, Groningen, The Netherlands.
- Emmorey, K.** (2013). The neurobiology of language: Perspectives from sign language. Keynote address given at the International Congress of Linguistics, July, Geneva, Switzerland.
- Emmorey, K.** & Özyürek, A. (2013). Language in our hands: Neural underpinnings of sign language and co-speech gesture. Invited talk for the Summer Institute in Cognitive Neuroscience, July, Lake Tahoe, California.
- Emmorey, K.**, Petrich, J., O'Grady, L., Bassett, A., & Spurgeon, E. (2013). The relation between linguistic and spatial working memory capacity and sign language processing. Poster presented at the Theoretical Issues in Sign Language Research 11, July, London, England.
- Weisberg, J., McCullough, S., Petrich, J., & **Emmorey, K.** (2013). The neural correlates of comprehending American Sign Language-English code-blends. Poster presented at the Theoretical Issues in Sign Language Research 11, July, London, England.
- Giezen, M.R., **Emmorey, K.**, & Blumenfeld, H. (2013). Parallel language activation and inhibitory control in bimodal bilinguals. Poster presented at the International Workshop on Bilingualism and Cognitive control, 15-17 May, Krakow, Poland.
- Emmorey, K.** (2013). The cognitive neuroscience of reading for deaf signers. Symposium on L1 Reading Across Different Languages and L2 Literacy Acquisition. May, Taiwan.
- Weisberg, J., McCullough, S., Petrich, J., & **Emmorey, K.** (2013). The neural correlates of comprehending American Sign Language-English code-blends. Cognitive Neuroscience Society annual meeting, April, San Francisco, CA.
- McCullough, S., & **Emmorey, K.** (2013). Differences in cortical thickness among deaf signers, hearing native signers, and hearing nonsigners. Cognitive Neuroscience Society annual meeting, April, San Francisco, CA.
- Secora, K., & **Emmorey, K.** (2013). The Action-Sentence Compatibility Effect in American Sign Language. CUNY Sentence Processing Conference, March, Columbia, South Carolina.
- Emmorey, K.** (2013). The signing brain: What sign languages tell us about human language. Albert W. Johnson Distinguished Professor Lecture, San Diego State University, March, San Diego, CA.

Emmorey, K. (2013). The generality of the language faculty: Biological bases of sign language. American Association for the Advancement of Science annual meeting, February, Boston, MA.

Emmorey, K. (2013). The psycholinguistic and neural consequences of bimodal bilingualism. Invited colloquium at UCLA, February, Los Angeles, CA.

2012

Emmorey, K. (2012). The psycholinguistic and neurolinguistic consequences of bimodal bilingualism. Invited Colloquium, The University of Chicago, Illinois.

Emmorey, K. (2012). The signing brain: What sign languages tell us about human language. Invited lecture for the public. Basque Centre for Brain and Language, Donostia, Spain.

Emmorey, K., Weisberg, J., McCullough, S., & Petrich, J. (2012). Mapping the reading circuitry for skilled deaf readers. Paper presented at the Neurobiology of Language Conference. November, San Sebastian, Spain.

Emmorey, K. (2012). The neurobiology of language from the perspective of sign languages. Paper presented at the Society for Neuroscience. November, New Orleans, LA.

Emmorey, K. (2012). Sign languages as a tool for understanding human language, cognition, and the brain. Distinguished Lecture at the National Science Foundation. June, Washington, DC.

Emmorey, K. (2012). Neural and cognitive underpinnings of language: Insights from sign language research. Keynote at Clinical Aphasiology Conference. May, Lake Tahoe, CA.

Emmorey, K. (2012). Bimodal bilingualism: When language is both spoken and signed. Invited speaker at the Marshall Wienberg Symposium on bilingualism, March, University of Michigan, Ann Arbor, MI.

Emmorey, K. (2012). When does iconicity matter? Presented at the workshop “WHAT IF the study of language started with the investigation of signed rather than spoken languages?” January, London, England.

Emmorey, K. (2012). Speaking vs. signing: How the biology of linguistic expression affects production. Invited lecture, January, Lund, Sweden.

2011

Pyers, J., Magid, R., **Emmorey, K.**, & Gollan, T. (2011). The effect of spontaneous production of translation equivalents on lexical retrieval in ASL-English bilinguals. Poster presented at Psychonomics, November, Seattle, WA.

Emmorey, K. (2011). The cognitive neuroscience of reading: Associations between print and fingerspelling. Invited paper presented at the Visual Language Summit, November, Davis, CA.

Pyers, J., Magid, R., Lu, J., Gentner, D., & **Emmorey, K.** (2011). Acquisition of spatial language in American Sign Language is linked to spatial cognition. Paper presented at the Boston University Conference on Language Development, November, Boston, MA.

Emmorey, K. (2011). The bimodal bilingual brain: When language is both spoken and signed. Invited talk at the UTSA Neuroscience Symposium on The Bilingual Brain, October, San Antonio, TX.

- Emmorey, K.** (2011). Bilingual processing of ASL-English code-blends: Theoretical implications of producing two lexical items at the same time. Invited lecture, October, Barcelona, Spain.
- Emmorey, K.** (2011). The psycholinguistic and neurolinguistic consequences of using physical space to express spatial information in ASL. Invited symposium at UC Merced, September, Merced, CA.
- Tungaraza, R.F., Mehta, S., **Emmorey, K.**, & Grabowski, T. J. (2011). White matter differences between deaf ASL signers and hearing English speakers. Poster presented at the Human Brain Mapping meeting, June, Quebec City, Canada.
- Weisberg, J., Petrich, J., McCullough, S., & **Emmorey, K.** (2011). The neural link between fingerspelled and printed words for deaf signers. Poster presented at the Human Brain Mapping meeting, June, Quebec City, Canada.
- Emmorey, K.**, Petrich, J., & Gollan, T. (2011). The unique nature of language switching for ASL-English bilinguals. Paper presented at the International Symposium on Bilingualism 8, June, Oslo, Norway.
- Emmorey, K.** (2011). Neural correlates of locative and motion classifier constructions. Invited presentation at the Formal and Experimental Advances in Sign Language Theory colloquium, June, Venice, Italy.
- Emmorey, K.** (2011). Signs or gestures? Characterizing the manual productions of ASL-English bilinguals. Invited lecture at the Max Planck Institute for Psycholinguistics, May, Nijmegen, The Netherlands.
- Emmorey, K.** (2011). What happens when your other language is a sign language? Invited lecture at the Leiden Institute for Brain and Cognition, May, Leiden, The Netherlands.
- Emmorey, K.** (2011). Bimodal bilingualism: Effects on language, cognition, and the brain. Invited lecture at the University of Amsterdam, May, Amsterdam, The Netherlands.
- Hubbard, A. L., & **Emmorey, K.** (2011). People agree on the meaningfulness of gesture. The embodied mind: Motion in communication and cognition research. April, Aachen, Germany.
- Emmorey, K.** (2011). The cognitive neuroscience of reading: Associations between print and fingerspelling. Invited lecture. Gallaudet University, March, Washington, D.C.
- Emmorey, K.**, McCullough, S., Petrich, J., & Weisberg, J. (2011). Mapping word reading circuitry for skilled deaf readers. Poster presented at the Cognitive Neuroscience Society meeting, March, San Francisco, CA.
- Emmorey, K.** (2011). Bilingualism across signed and spoken languages. American Association for the Advancement of Science. February, Washington, D.C.
- Emmorey, K.** (2011). Do signers gesture? Invited lecture. University of British Columbia, January, Vancouver, Canada.

2010

- Allen, J., **Emmorey, K.**, & Damasio, H. (2010). Neuroanatomical differences in visual, motor, and language cortices between congenitally deaf ASL signers and hearing English speakers. Society for Neuroscience, November, San Diego, CA.

- Emmorey, K.,** McCullough, S., Mehta, S., Ponto, L., & Grabowski, T. (2010). The biology of linguistic expression impacts neural correlates for spatial language. Neurobiology of Language Conference, November, San Diego, CA.
- Emmorey, K.,** Bassett, A., & Petrich, J. (2010). Processing orthographic structure: Associations between print and fingerspelling. 10th Theoretical Issues in Sign Language Research conference, September, West Lafayette, Indiana.
- Nicodemus, B., O'Grady Batch, L., Majid, A., & **Emmorey, K.** (2010). The impact of language modality on the linguistic encoding of perceptual categories. 10th Theoretical Issues in Sign Language Research conference, September, West Lafayette, Indiana.
- Udoff, J., & **Emmorey, K.** (2010). The phonological representation of the non-dominant hand. 10th Theoretical Issues in Sign Language Research conference, September, West Lafayette, Indiana.
- Emmorey, K.,** Petrich, J., & Gollan, T. (2010). Simultaneous production of ASL and English costs the speaker but benefits the listener. 10th Theoretical Issues in Sign Language Research conference, September, West Lafayette, Indiana.
- McCullough, S., Saygin, A., Alac, M., **Emmorey, K.** (2010). Motion semantics in American Sign Language activate motion-sensitive visual areas in the human brain. 10th Theoretical Issues in Sign Language Research conference, September, West Lafayette, Indiana.
- Casey, S., & **Emmorey, K.** (2010). Effects of learning ASL on co-speech gesture. 10th Theoretical Issues in Sign Language Research conference, September, West Lafayette, Indiana.
- Udoff, J., & **Emmorey, K.** (2010). Phonological constraints on handshape mapping in ASL: Evidence from articulatory compensation. 10th Theoretical Issues in Sign Language Research conference, September, West Lafayette, Indiana.
- Pyers, J., **Emmorey, K.,** & Choi, S. (2010). Spatial categorization in a spatial language. 10th Theoretical Issues in Sign Language Research conference, September, West Lafayette, Indiana.
- Saygin, A., McCullough, S., Alac, M., & **Emmorey, K.** (2010). Motion semantics and motion sensitive cortex. Joint meeting of Conceptual Structure, Discourse and Language and Embodied and Situated Language Processing workshop (CSDL/ESLP), September, San Diego, California.
- Emmorey, K.** (2010). The problem of visual targets in sign language phonology. Poster presented at Laboratory Phonetics, July, Albuquerque, New Mexico.
- Emmorey, K.,** Lucien, D., & Petrich, J. (2010). Sensitivity to temporal asynchronies for co-speech gestures and for ASL-English code-blends. Paper presented at the 4th Conference of the International Society for Gesture Studies (ISGS), July, Frankfurt am Oder, Germany.
- Pyers, J., Grossmith, S, Magid, R., Dikanovic, M., Gollan, T., & **Emmorey, K.** (2010). Individual differences in the role of gesture in lexical retrieval. Poster presented at Association for Psychological Science, May, Boston, MA.

Emmorey, K. (2010). Neural and cognitive underpinnings of language across modalities. Topical Lecture, American Association for the Advancement of Science meeting, February, San Diego, CA.

2009

Emmorey, K., Petrich, J., & Gollan, T. (2009). Simultaneous production of American Sign Language and English costs the speaker but benefits the perceiver. 7th International Symposium on Bilingualism, July, Utrecht, The Netherlands.

Casey, S., & **Emmorey, K.** (2009). Learning American Sign Language changes the rate and form of co-speech gestures. 7th International Symposium on Bilingualism, July, Utrecht, The Netherlands.

Thompson, R., Langdon, C., & **Emmorey, K.** (2009). Understanding the linguistic functions of eye gaze in American Sign Language. CUNY Conference on Human Sentence Processing, March, Davis, CA.

Udoff, J. & **Emmorey, K.** (2009). Put your hands together: phonological constraints on handshape mapping in ASL. Linguistic Society of America, San Francisco, CA.

Emmorey, K., McCullough, S., Mehta, S., Ponto, L.L.B., & Grabowski, T. (2008). Sign language and pantomime production differentially engage frontal and parietal cortices. Cognitive Neuroscience Society, March, San Francisco, CA.

2008

Emmorey, K., Petrich, J., & Gollan, T., (2008). Simultaneous production of ASL and English implies serial access in production. Psychonomic Society, November, Chicago, IL.

McCullough, S., Saygin, A., Alac, M., & **Emmorey, K.** (2008). Motion semantics in American Sign Language activate motion-sensitive visual areas in the human brain. Society for Neuroscience, November, Washington, DC.

Weisberg, J., McCullough, S.M., & **Emmorey, K.** (2008). Acquisition of a signed language from birth changes the neural organization for spoken language processing in hearing bilinguals. Society for Neuroscience, November, Washington, D.C.

Emmorey, K. (2008). Signing vs. speaking: How biology affects the neurocognitive processes for language production. 5th International Workshop on Language Production. July, Annapolis, MD.

Pyers, J. Perniss, P. & **Emmorey, K.** (2008). Viewpoint in the visual-spatial modality. German Society of Linguistics: Special session on Gestures: A comparison of signed and spoken languages. February, Bamberg, Germany.

2007

Emmorey, K. (2007). What bimodal bilinguals can tell us about language processing. ESF Exploratory workshop on Multilingualism from an Interdisciplinary Perspective, November, University College London, England.

Luk, G., Pyers, J., **Emmorey, K.,** & Bialystok, E. (2007). The source of enhanced cognitive control in bilinguals: Evidence from bimodal bilinguals. Psychonomic Society, November, Long Beach, California.

- Allen, J., **Emmorey, K.**, Bruss, J., & Damasio, H. (2007). Do hearing status and sign language experience affect insula morphology? An MR volumetric analysis. Society for Neuroscience meeting, November, San Diego, California.
- Emmorey, K.**, McCullough, S., Mehta, S., Ponto, L. L. B., & Grabowski, T.J. (2007). Neural systems underlying sign language versus pantomime production. Society for Neuroscience meeting, November, San Diego, California.
- Saygin, A., McCullough, S., Alac, M., & **Emmorey, K.** (2007). Sentences with motion semantics activate motion-sensitive visual areas in the human brain. Society for Neuroscience meeting, November, San Diego, California.
- Shusterman, A., Pyers, J., Senghas, A., **Emmorey, K.**, & Spelke, E. (2007). Attention to Language: The Interaction between Language and Cognition. Cognitive Development Society, October, Sante Fe, NM.
- Emmorey, K.** (2007). Some perspectives on gesture and sign language. Keynote presentation at the International Society for Gesture Studies. June, Evanston, Illinois.
- Casey, S., **Emmorey, K.**, & Larrabee, H. (2007). The effects of American Sign Language on co-speech gesture. International Society for Gesture Studies. June, Evanston, Illinois.
- Pyers, J. & **Emmorey K.**, (2007). Two-faced: How knowledge of a sign language affects facial gesture. International Society for Gesture Studies. June, Evanston, Illinois.
- Emmorey, K.**, Xu, J., Gannon, P., Goldin-Meadow, S., & Braun, A. (2007). Perception of pantomime, American Sign Language verbs, and nonsense signs by deaf signers and hearing non-signers. Cognitive Neuroscience Society, May, New York.
- Allen, J., **Emmorey, K.**, Bruss, J., & Damasio, H. (2007). An MR Volumetric Study of the Motor Hand Region and Insula in Deaf, Hearing, and Hearing-Signing Individuals. Cognitive Neuroscience Society, May, New York.
- Pyers, J., Shusterman, A. Senghas, A., **Emmorey, K.**, & Spelke, E. (2007). Does spatial language guide spatial representations? Evidence from Nicaraguan Sign Language. Society for Research in Child Development, March, Boston, MA.
- Emmorey, K.** (2007). The psycholinguistics of signed and spoken languages: How biology affects processing. CUNY Conference on Human Sentence Processing, March, La Jolla, CA.

2006

- Thompson, R., & **Emmorey, K.** (2006). The relationship between eye gaze and pronouns in American Sign Language. Theoretical Issues in Sign Language Research 9, December, Florianópolis, Brazil.
- Pyers, J. & **Emmorey, K.** (2006). The face of bimodal bilingualism. Theoretical Issues in Sign Language Research 9, December, Florianópolis, Brazil.
- Emmorey, K.**, Gerstberg, N., Korpics, F., & Wright, C.E. (2006). Visual feedback during sign production. Psychonomic Society, November, Houston, TX.
- Emmorey, K.** (2006). Embodied communication: Insights from signed languages. Embodied Communication II, September, Bielefeld, Germany.

Emmorey, K. (2006). Further revolutions: The impact of sign language research on science. Revolutions in sign language studies, linguistics, literature, literacy. Gallaudet University, May, Washington, D.C.

2005

Emmorey, K. (2005). Signed Language: Neural Representation. Inaugural language and neuroscience symposium of the Centre for Research on Language, Mind, and Brain. McGill University, Montreal, Canada

Emmorey, K. (2005). Bimodal bilingualism. Invited speaker, Rovereto workshop on bilingualism: Functional and neural perspectives, September, Rovereto, Italy.

Emmorey, K. (2005). Self-monitoring of sign language: Implications for the perceptual loop hypothesis. Psychonomic Society, November, Toronto, Canada.

Pyers, J., & **Emmorey, K.** (2005). The eyebrows have it: Evidence for the activation of two grammars in ASL-English bilinguals. Psychonomic Society, November, Toronto, Canada.

2004

Emmorey, K. (2004). Speech-sign bilingualism: How language modality affects bilingual language processing. Psychonomic Society, November, Minneapolis, Minnesota.

McCullough, S., & **Emmorey, K.** (2004). The neural systems underlying the recognition of linguistic and emotional facial expressions. Theoretical Issues in Sign Language Research 8, October, Barcelona, Spain.

Thompson, R., & **Emmorey, K.** (2004). Eye gaze and verb agreement in ASL. Theoretical Issues in Sign Language Research 8, October, Barcelona, Spain.

Emmorey, K. (2004). The role of Broca's region in sign language. Invited speaker, Broca's Region workshop (Yosef Grodzinsky & Katrin Amunts, Organizers), July, Aachen, Germany.

Emmorey, K. (2004). Bimodal bilingualism. American Association of Applied Linguistics, May, Portland, Oregon.

Emmorey, K., & Grabowski, T. (2004). Neural organization for sign versus speech production. Cognitive Neuroscience Society, April, San Francisco, CA.

McCullough, S., **Emmorey, K.**, & Sereno, M. (2004). Neural organization for recognition of grammatical and emotional facial expressions in deaf ASL signers and hearing nonsigners. Cognitive Neuroscience Society, April, San Francisco, CA.

Thompson, R., & **Emmorey, K.** (2004). Learning to look: Eyegaze during ASL verb production by native and non-native signers. Linguistic Society of America, January, Boston, MA.

Emmorey, K., Borinstein, H., & Thompson, R. (2004). Bimodal bilingualism: Code-blending between spoken English and American Sign Language. Linguistic Society of America, January, Boston, MA.

2003

Emmorey, K. (2003). Neural systems underlying sign language production. Colloquium presented at Rochester Technical Institute for the Deaf, May, Rochester, New York.

- Emmorey, K.**, Borinstein, H., & Thompson, R. (2003). Bimodal bilingualism: Code-blending between spoken English and American Sign Language. International Symposium on Bilingualism, April, Tempe, AZ.
- Emmorey, K.**, Allen, J.S., Schenker, N., Bruss, J., & Damasio, H. (2003). A morphometric analysis of auditory brain regions in congenitally deaf adults. Cognitive Neuroscience Society meeting, March, New York, NY.
- Thompson, R., & **Emmorey, K.** (2003). The relationship of eyegaze and agreement morphology in ASL: An eye-tracking study. Linguistic Society of America meeting, January, Atlanta, GA.
- Emmorey, K.** (2003). The neural systems underlying sign language. Invited speaker, Origins of language reconsidered, (Nobuo Masataka, Organizer), December, Kyoto, Japan.
- Emmorey, K.** (2003). Space and action in sign language production. Invited speaker, Space in Language and Cognition, (Asli Özyürek, Organizer), Max Planck Institute, The Netherlands.
- Emmorey, K.** (2003). The signer as an embodied neuron: Relationships between visual perception and manual articulation in ASL. Invited speaker, Four Corners Workshop (Anne Cutler, Organizer); Max Planck Institute, The Netherlands.

2002

- Emmorey, K.**, Grabowski, T., McCullough, S., Damasio, H., Ponto, L., Hichwa, R., & Bellugi, U. (2002). Neural systems underlying spatial language in English and American Sign Language: A PET study with hearing native signers. Society for Neurosciences, November, Orlando, FL.
- McCullough, S., **Emmorey, K.**, & Sereno, M. (2002). Neural correlates of emotional and linguistic facial expression perception: An fMRI study with deaf ASL signers and hearing nonsigners. Society for Neurosciences, November, Orlando, FL.
- Pickell, B., **Emmorey, K.**, Hickok, G., Klima, E., & Bellugi, U. (2002). Clues from American Sign Language: The role of the right occipital lobe in language. Academy of Aphasia meeting, October, New York, NY.
- Emmorey, K.**, Grabowski, T., McCullough, S., Damasio, H., Ponto, L., Hichwa, R., & Bellugi, U. (2002). Neural systems underlying lexical retrieval of ASL signs for actions. Cognitive Neuroscience Society meeting, April, San Francisco, CA.
- Emmorey, K.** (2002). The neural systems underlying sign language production. Invited speaker, DFG Schwerpunkt Language Production Meeting, Frankfurt, Germany
- Emmorey, K.** (2002). The neural systems underlying sign language. American Association for the Advancement of Science meeting, February, Boston, MA.
- Hawk, S., & **Emmorey, K.** (2002). Serial verbs of motion in ASL re-examined. Linguistic Society of America Meeting, January, San Francisco, CA.

2001

- Emmorey, K.** (2001). Lecture series: Language, Cognition, and the Brain, Tokyo Institute for Advanced Studies of Language, December, Tokyo, Japan.

- Emmorey, K.** (2001). The Nijmegen Lectures website: <http://www.mpi.nl/world/nijlect/index.html>, December Max Planck Institute, The Netherlands
- Emmorey, K.** (2001). Spatial representation in deaf ASL signers. Psychonomics Society meeting, special symposium titled *Perspectives on spatial representation: What we can learn from special populations* (Helene Intraub, organizer), November, New Orleans, LA.
- Emmorey, K.,** Damasio, H, McCullough, Grabowski, T., Ponto, L., Hichwa, R., & Bellugi, U. (2001). Neural systems underlying spatial language in American Sign Language. Cognitive Neuroscience Society meeting, March, New York, NY.
- Emmorey, K.** (2001). How signers and speakers talk about space: The effects of modality on spatial language. American Association for the Advancement of Science meeting, February, San Francisco, California.
- Emmorey, K.** (2001). Neural systems underlying spatial language in ASL. Keynote speaker for a symposium on Language in Gesture: Implications for the organization of language in the brain. January, University College London, England.
- Emmorey, K.** (2001). Language and Space, Darwin College Lecture Series, January, Cambridge, England.
- 2000**
- Emmorey, K.** (2000). Analogue vs. categorical expression of spatial relations in American Sign Language and English. Psychonomics Society meeting, November, New Orleans, Louisiana.
- Emmorey, K.** (2000). Classifier constructions in sign languages. Special symposium on Sign Language Typology: Cross Linguistic Studies of Sign Languages at the Theoretical Issues in Sign Language Research meeting, July, Amsterdam, Holland.
- Emmorey, K.** (2000). Processing co-reference within direct quotation in ASL CUNY Conference on Sentence Processing, March, San Diego, CA.
- Emmorey, K.** (2000). The effects of modality on spatial language: How signers and speakers talk about space. Texas Linguistic Society special conference on the effects of modality on language and linguistic theory, February, Austin, Texas.
- Emmorey, K., & Herzig, M.** (2000). Categorical vs. analogue properties of classifier constructions in ASL. Theoretical Issues in Sign Language Research meeting, July, Amsterdam, Holland.
- Marsh, S., & **Emmorey, K.** (2000). Tip-of-the-fingers experiences in Deaf signers. Theoretical Issues in Sign Language Research meeting, July, Amsterdam, Holland.
- Emmorey, K., & Herzig, M.** (2000). Morphemes vs. gestures: An experimental investigation of the categorical vs. analogue properties of ASL classifier constructions. Classifier Workshop 2000, April, San Diego, CA.
- Emmorey, K.,** Grabowski, T., McCullough, S., Damasio, H. & Bellugi, U. (2000). Neural systems underlying lexical retrieval for sign language. Cognitive Neuroscience Society, April, San Francisco, CA.

McCullough, S., Brentari, D., & Emmorey, K. (2000). Categorical perception in American Sign Language. Linguistic Society of America, January, Chicago, Illinois.

1999

Emmorey, K. (1999). Taking about space with space: Describing environments in ASL. Invited speaker, Max Planck Institute, Nijmegen, The Netherlands.

McCullough, S., & Emmorey, K., (1999). Perception of emotional and linguistic facial expressions: A categorical perception study with deaf and hearing subjects. Psychonomics Society meeting, November, Los Angeles, California.

Emmorey, K., & Falgier, B. (1999). Processing continuous and simultaneous reference in ASL. Linguistic Society of America annual meeting, January, Los Angeles, CA.

1998

Emmorey, K. (1998). Space on hand: The exploitation of signing space to illustrate abstract thought. Invited speaker, Max Planck Institute, Munich, Germany.

Emmorey, K., Falgier, B., & Gernsbacher, M. (1998). Processing ASL vs. reading English: Insights into the nature of suppression mechanisms. Theoretical Issues in Sign Language Research, November, Washington, DC.

Wilson, M. & Emmorey, K. (1998). Modality matters: Spatial coding in working memory for signs. Theoretical Issues in Sign Language Research, November, Washington, DC.

1997

Emmorey, K. (1997). The impact of sign language use on visual-spatial cognition. Invited speaker, University of Bristol, England.

Emmorey, K. (1997) The neural substrates for spatial cognition and language: Insights from sign language. Cognitive Science Society Meeting, August, Stanford, California.

Emmorey, K. (1997). Mental rotation within linguistic and nonlinguistic domains in users of American Sign Language. Language and Space Workshop: AAI, July, Providence, Rhode Island.

Emmorey, K., & Reilly, J. (1997) The development of quotation and depicted action: Conveying perspective in ASL. Stanford Child Language Research Forum, April, Stanford, California.

1996

Wilson, M., & Emmorey, K. (1996). Language structure vs. sensory modality: What shapes working memory? Psychonomics, November, Chicago, Illinois.

Emmorey, K. (1996). The neural organization for sign language: Insights from right hemisphere damaged signers. TENNET, August, Montreal, Canada.

Emmorey, K. (1996). Some ramifications of the isomorphic representation of space in signed languages. International Congress of Psychology, August, Montreal, Canada.

1995

Emmorey, K. (1995). Interactions between processing spatial information in linguistic and nonlinguistic domains. International Cognitive Linguistic Association Conference, July, Albuquerque, New Mexico.

Emmorey, K., Hickok, G., Bellugi, U., & Klima, E. (1995). Recent advances in sign language aphasia. McDonnell-Pew Retreat for Cognitive Neuroscience, May, San Diego, California.

1994

Emmorey, K. (1994). The overt representation of space and movement in sign language. Invited speaker, Language and Space Conference, Tucson, Arizona.

Emmorey, K., Ewan, B., & Grant, R. (1994). A new case of linguistic isolation: Preliminary report. Boston University Conference on Language Development. January, Boston, Massachusetts.

1983-1993

Emmorey, K. (1993). The confluence of language and space in sign language. Invited speaker, Multiple Worlds: A Conference on Spatial Representations. Nijmegen, the Netherlands.

Emmorey, K. (1993). Neural organization for sign language. Invited speaker, Symposium on Sign Language and Education of the Deaf, Sao Paulo, Brazil.

Corina, D. & **Emmorey, K. (1993).** Lexical priming in American Sign Language. Psychonomics Society, November, Washington, D.C.

Emmorey, K. & Corina, D. (1992). Differential sensitivity to classifier morphology in ASL signers. Linguistic Society of America, January, Philadelphia, PA.

Emmorey, K. & Lillo-Martin, D. (1991). Processing spatial anaphora: Referent activation from overt and null pronouns in ASL. CUNY Sentence Processing Conference. May, Rochester, New York.

Emmorey, K. Bellugi, U., & Friederici, A. (1991). Effects of age of acquisition on grammatical sensitivity. Linguistic Society of America, January, Chicago, Illinois.

Emmorey, K., Horn, P., and Baer, D. (1990) On-Line Processing of Spatial Language: Implications for Spatial Cognition. Symposium on Language, Modality and the Brain. Third International Conference on Theoretical Issues in Sign Language Research, Boston, MA, May, 1990.

Emmorey, K. (1989) Processing differences in aspect and agreement morphology. Linguistic Society of America, December, Washington, DC.

Friederici, A., Wessels, J, **Emmorey, K., & Bellugi, U. (1989)** Sensitivity to lexical category and inflectional morphology in Broca's aphasia: some real-time evidence. Academy of Aphasia, October, Sante Fe, NM.

Emmorey, K. (1988) Sign recognition: Effects of phonetic structure, morphology, and age of acquisition. Linguistic Society of America, December, New Orleans, LA.

Emmorey, K. (1987) The unit of representation in the lexicon. Linguistic Society of America, December, San Francisco, CA.

Emmorey, K. (1986) Psycholinguistic evidence for morphemic parsing during word recognition. Linguistic Society of America, December, New York, NY.

Emmorey, K. (1984) Linguistic prosodic abilities in right and left hemisphere damaged adults. The Academy of Aphasia, October, Los Angeles, CA.

Emmorey, K. (1983) Intonational evidence against 'Upwards Equi', Linguistic Society of America, December, Minneapolis, MN.

Emmorey, K., Van Lancker, D., & Kreiman, J. (1983). Recognition of famous voices given excerpted vowels, words, and 2-second texts. Acoustic Society of America, November, San Diego, CA.

MEDIA

Eureka Alert: New research shows how we turn on and off languages. Sept. 10, 2018, https://www.eurekaalert.org/pub_releases/2018-09/nyu-nrs090518.php

Eureka Alert: When we sign we build phrases with similar neural mechanisms as when we speak. April 2, 2018, https://www.eurekaalert.org/pub_releases/2018-04/nyu-wws032918.php

2017 NSF and Popular Science "Vizzie Award" for ASL-LEX: A visualization of American Sign Language, Interactive category

Union Tribune: San Diego "brainiest" city in the US, Nov. 10, 2013

<http://m.utsandiego.com/news/2013/nov/10/brain-sandiego-neuroscience/>

Australian Broadcasting Corporation: *All in the Mind* with Natasha Miller on ABC Radio National, "It's on the tip of my finger! - Sign language, deaf culture and the brain." Sept. 11, 2010, Website with video and further interviews: <http://blogs.abc.net.au/allinthemind/>

Yahoo News: "Same brain spots handle sign language and speaking" Feb. 26, 2010 http://news.yahoo.com/s/livescience/20100226/sc_livescience/samebrainspotshandlesignlanguageand speaking

Yahoo News, Fox News: "Tip of the tongue moments explained" Feb. 26, 2010

http://news.yahoo.com/s/livescience/20100225/sc_livescience/tipofthetonguemomentsexplained

<http://www.foxnews.com/story/0,2933,587483,00.html>

MSNBC: "Spit it out! Tip of the tongue moments: Forgetfulness tied to how frequently we use words" Feb. 26, 2010

<http://www.msnbc.msn.com/id/35588516/ns/health-behavior/from/ET>

KPBS TV, The Gift of Gab, San Diego Brain Research Series, 2008

KUSI TV, KPBS radio, Featured news story on sign language research and the opening LLCN (Laboratory for Language and Cognitive Neuroscience), January, 2006

Inside Salk, "A verb is a verb in any language," November, 2004.

San Diego Union Tribune, "Sign language could be key to communication in the brain," LifeWatch article, March 27, 2002.

These Days, NPR radio, "Deaf culture," June 19, 2001

The Talk Show: Born to talk. Canadian Broadcasting Corporation, radio program, 1993.

ACADEMIC SERVICE

Professional Societies:

American Association for the Advancement of Science

American Psychological Society

Cognitive Neuroscience Society

Institute for Neural Computation

Linguistic Society of America

Phi Beta Kappa

Psychonomic Society

American Psychological Association

Society for Neuroscience

Ad hoc reviewer for the following publications and institutions:

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| Brain and Language | Natural Language and Linguistic Theory |
| Cognition | Memory and Cognition |
| Language and Cognitive Neuroscience | NeuroImage |
| Journal of Cognitive Neuroscience | Neuropsychologia |
| Journal of Memory and Language | Psychological Science |
| Journal of Psycholinguistic Research | Psychological Review |
| Language | |
| National Institute of Mental Health | National Science Foundation (Linguistics and Human Cognition and Perception programs) |
| National Institute on Deafness and other Communicative Disorders | The Wellcome Trust |
| National Endowment for the Humanities | The Australian Research Council |

Conferences, workshops, and other activities

Principal Organizer of the Workshop on Classifier Constructions in Signed Languages, April 2000, La Jolla, California.

Member, Working group on communicating informed consent to individuals who are deaf or hard-of-hearing, National Institute on Deafness and Other Communicative Disorders, May, 1999. Website: <http://www.nidcd.nih.gov/news/inform/printready.htm>

Member, External Review Committee for the department of linguistics at the University of New Mexico (with Keren Rice, Leann Hinton, George Luger), 1996

Principal Organizer (with Judy Reilly and Carol Padden) of the fourth international conference on Theoretical Issues in Sign Language Research, 1992, Co-editor with Judy Reilly of the resulting volume: *Language, Gesture, and Space*