

CURRICULUM VITAE

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EDUCATION

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

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

Danielson Award for Distinguished Contributions to Communication	2022
Distinguished Career Award, Society for the Neurobiology of Language	2020
Fellow, Society of Experimental Psychologists	2019
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

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

<u>Member of the Advisory Board for:</u>	
Center for Deafness, Language, and Cognition (DCAL), London	2005 – 2016
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
<i>Neurobiology of Language</i>	2019 – present
<u>Member of the Editorial Board for:</u>	
<i>Brain and Language</i>	2021 – present
<i>Bilingualism: Language and Cognition</i>	2013 – present
<i>Glossa Psycholinguistics</i>	2021 – present
<i>Journal of Memory and Language</i>	2001 – 2003
<i>Journal of Neurolinguistics</i>	2014 – present
<i>Language, Cognition, and Neuroscience</i>	2014 – present
<i>Neuropsychologia</i>	2021 – present
<i>Sign Language Studies</i>	1998 – present
<i>Sign Language & Linguistics</i>	2000 – present
Representative of the Linguistic Society of America & the American Psychological Association to the American Association for the Advancement of Science	2006 – 2017 2012 – 2017
Member, AAAS Program Committee	2017-present
<u>Honorary Lectures (selected)</u>	
Distinguished Career Award lecture Society for the Neurobiology of Language	2020
Speech and Hearing Foundation of Massachusetts Lecture Emerson College, Boston	2019
Keynote speaker, TISLR, Hamburg, Germany	2019
Keynote speaker, CUNY conference, Boulder, Colorado	2019
Keynote speaker, EVOLANG, Torun, Poland	2018
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 Institutes of Health, R01 AG074928, \$3,506,586 2022-2027

Assessment of language and cognition in older deaf signers

Role: Co-Principal Investigator (Tamar Gollan, PI), subcontract to SDSU

Purpose: To investigate language of testing effects in deaf older adults on tests used in cognitive assessment and differential diagnosis of Alzheimer's disease, and to compare life-long deaf adults to matched controls with late-life hearing loss to determine broader effects of ASL-English bilingualism on cognition in deaf seniors.

National Science Foundation, BCS-2120546, \$462,670 2022-2025

Collaborative Research: The role of perceptual and word identification spans in reading efficiency: evidence from deaf and hearing adults

Role: Principal Investigator

Purpose: To investigate the distinct contributions of non-linguistic visual processing and word recognition abilities to reading success in both hearing and deaf adults by gathering reading efficiency measures to identify what abilities predict reading proficiency.

National Institute of Health, R01 DC010997, \$2,909,967 2020-2025

Language, Modality, and the Brain

Role: Principal Investigator

Purpose: To develop a neurobiological model of sign language comprehension that accounts for modality-specific linguistic processes, using multimodal imaging (fMRI and ERPs) to target sign-specific phenomena at three levels of representation: phonological, lexical, and syntactic.

National Institutes of Health, R01 DC014246, \$2,342,360 2019-2024

Assessing the neural dynamics of reading in deaf adults

Role: Principle Investigator (with Philip Holcomb)

Purpose: The primary goal is to use psycholinguistic paradigms and event-related potentials (ERPs) to differentiate deafness-related from reading-related factors that impact the functioning of the reading circuit when deaf adults recognize single-words, identify multiple words in parallel, and comprehend sentences.

National Science Foundation, BCS-1918556, \$552,162 2019-2023

Collaborative Research: Quantifying systematicity, iconicity, and arbitrariness in the American Sign Language lexicon

Role: Principle investigator (with Zed Sehyr)

Purpose: This project represents the first comprehensive quantitative analysis of the semantic organization of the ASL lexicon by collecting semantic associations and by characterizing iconic and non-iconic systematic relationships between form and meaning.

National Science Foundation, BCS-1756403, \$648,869 2018-2022
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.

COMPLETED RESEARCH PROJECTS

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 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.

National Science Foundation, BCS-1439257, \$580,702 2014-2017
Assessing the neural dynamics of reading in deaf adults
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

Kita, S., & **Emmorey, K.** (under review). Gesture links language and cognition for spoken and signed languages. *Nature Reviews Psychology*.

Lee, B., Martinez, P., Midgley, K. J., Holcomb, P.J., **Emmorey, K.** (under review). Sensitivity to orthographic vs. phonological constraints on word recognition: An ERP study with deaf and hearing readers. *Neuropsychologia*.

Lee, B., Martinez, P., Mirault, J., & **Emmorey, K.** (under revision). Deaf readers use visual-orthographic information and efficient eye movements to process words in sentences.

Winsler, K., Holcomb, P.J., & **Emmorey, K.** (under review). Electrophysiological patterns of visual word recognition in deaf and hearing readers: An ERP mega-study. *Language, cognition and neuroscience*.

In press

Emmorey, K. (in press). Ursula Bellugi: Groundbreaking language scientist (1931-2022). *Proceedings of the National Academy of Sciences*.

Emmorey, K. (in press). Signing vs. speaking: How does the biology of linguistic expression affect production? In K. Strijkers and R. Hartsuiker (Eds). *Cognitive processes of language production*. Routledge.

Emmorey, K., Nicodemus, B., & O'Grady, L. (in press). The language of perception in American Sign Language. In A. Majid & S. Levinson (Eds), *Language of Perception: The comparative codability of the senses across languages*. Oxford University Press. Preprint: <https://psyarxiv.com/ed9bf/>

Pyers, J.E., & Emmorey, K. (Accepted). The iconic motivation for the morphophonological distinction between noun-verb pairs in American Sign Language does not reflect common human construals of objects and actions. *Language and Cognition*.

Sehyr, Z.S., & Emmorey, K. (Accepted). Contribution of lexical quality and sign language variables to reading comprehension. *Journal of Deaf Studies and Deaf Education*.

2022

Meade, G., Lee, B., Massa, N., Holcomb, P.J., Midgley, K.J., & Emmorey, K. (2022). Are form priming effects phonological or perceptual? Electrophysiological evidence from American Sign Language. *Cognition*, 220, 104979.
<https://doi.org/10.1016/j.cognition.2021.104979>

2021

Banaszkiewicz, A., Bola, L., Matuszewski, J., Szczepanik, M., Kossowski, B., Mostowski, P., Rutkowski, P., Śliwińska, M., Jednoróg, K., Emmorey, K., & Marchewka, A. (2021). The role of the superior parietal lobule in lexical processing of sign language – insights from fMRI and TMS studies. *Cortex*, 135, 240-254.
<https://doi.org/10.1016/j.cortex.2020.10.025>.

Banaszkiewicz, A., Matuszewski, J., Bola, L., Szczepanik, M., Kossowski, B., Rutkowski, P., Szwed, M., Emmorey, K., Jednoróg, K., & Marchewka, A. (2021). Multimodal imaging of brain reorganization in hearing late learners of sign language. *Human Brain Mapping*, 42, 384-397. <https://doi.org/10.1002/hbm.25229>

Caselli, N., Emmorey, K., Cohen-Goldberg, A. (2021). The signed mental lexicon: Effects of phonological neighborhood density, iconicity, and childhood language experience. *Journal of Memory and Language*, 121. <https://doi.org/10.1016/j.jml.2021.104282>

Declerck, M., Meade, G., Midgley, K.J., Holcomb, P. J., Roelofs, A., & Emmorey, K. (2021). Language control in bimodal bilinguals: Evidence from ERPs. *Neuropsychologia*.
<https://doi.org/10.1016/j.neuropsychologia.2021.108019>

Declerck, M., Meade, G., Midgley, K., Holcomb, P., Roelofs, A., & Emmorey, K. (2021). On the connection between language control and executive control – an ERP study. *Neurobiology of Language*. https://doi.org/10.1162/nol_a_00032

Emmorey, K., Midgley, K.J., & Holcomb, P.J. (2021). Tracking the time course of sign recognition using ERP repetition priming. *Psychophysiology*.
<https://doi.org/10.1111/psyp.13975>

Emmorey, K. (2021). New perspectives on the neurobiology of sign languages. *Frontiers in Communication: Language Sciences*. doi: 10.3389/fcomm.2021.748430

Emmorey, K. (2021). Environmentally-coupled signs and gestures. *Journal of Cognition*, 4(1), 1–3. <https://doi.org/10.5334/joc.132>.

Emmorey, K., Brozdowski, C., & McCullough, S. (2021). The neural correlates for spatial language: Perspective-dependent and -independent relationships in American Sign Language and spoken English. *Brain and Language*.
<https://doi.org/10.1016/j.bandl.2021.105044>

- Emmorey, K.,** Holcomb, P.J., & Midgley, K. M. (2021). Masked ERP repetition priming in deaf and hearing readers. *Brain and Language*, 214. <https://doi.org/10.1016/j.bandl.2020.104903>
- Emmorey, K.,** & Lee, B. (2021). The neurocognitive basis of skilled reading in prelingually and profoundly deaf adults. *Language and Linguistics Compass*, 15(2), e12407. <https://doi.org/10.1111/lnc3.12407>
- Emmorey, K.,** & Lee, B. (2021). Teaching and Learning Guide for: The neurocognitive basis of skilled reading in prelingually and profoundly deaf adults. *Language and Linguistics Compass*, 15(2), e12407. <https://doi.org/10.1111/lnc3.12410>
- McCullough, S., & **Emmorey, K.** (2021). Effects of deafness and sign language experience on the human brain: Voxel-based and surface-based morphometry. *Language, Cognition and Neuroscience*, 36(4), 422-439. DOI: 10.1080/23273798.2020.1854793
- McGarry, M., Mott, M., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2021a). Picture-naming in American Sign Language: an electrophysiological study of the effects of iconicity and structured alignment. *Language, Cognition and Neuroscience*, 36(2), 199-210. <https://doi.org/10.1080/23273798.2020.1804601>
- McGarry, M., Massa, N., Mott, M., Midgley, K., Holcomb, P., & **Emmorey, K.** (2021b). Matching pictures and signs: An ERP study of the effects of iconicity and structural alignment in American Sign Language. *Neuropsychologia*. <https://doi.org/10.1016/j.neuropsychologia.2021.108051>
- Meade, G., Lee, B., Massa, N., Holcomb, P.J., Midgley, K.J., & **Emmorey, K.** (2021). The organization of the American Sign Language lexicon: Comparing one- and two-parameter ERP phonological priming effects across tasks. *Brain and Language*. <https://doi.org/10.1016/j.bandl.2021.104960>
- Pyers, J. E., Magid, R., Gollan, T., & **Emmorey, K.** (2021). Gesture helps, only if you need it: The relationship between gesture, short term memory, and lexical retrieval. *Cognitive Science*, 45, 1-26. DOI: 10.1111/cogs.12914
- Sehyr, Z., & **Emmorey, K.** (2021). The effects of multiple linguistic variables on picture naming in American Sign Language. *Behavioral Research Methods*. <https://doi.org/10.3758/s13428-021-01751-x>
- Sehyr, Z.S., Caselli, N., Cohen-Goldberg, A., **Emmorey, K.** (2021). The ASL-LEX 2.0 Project: A database of lexical and phonological properties for 2,723 signs in American Sign Language. *Journal of Deaf Studies and Deaf Education*, 26(2), 263-277. doi: 10.1093/deafed/ena038

2020

- Brozdowski, C., & **Emmorey, K.** (2020). Shadowing in the manual modality. *Acta Psychologica*, 208. 10.1016/j.actpsy.2020.103092
- Emmorey, K.** (2020). Sign language: How the brain represents phonology without sound. *Current Biology*, 30, R1361-R1389. <https://doi.org/10.1016/j.cub.2020.09.017>

- Emmorey, K.,** Mott, M., Meade, G., Holcomb, P.J., Midgely, K.J. (2020). Lexical selection in bimodal bilinguals: ERP evidence from picture-word interference. *Language, Cognition and Neuroscience*. <https://doi.org/10.1080/23273798.2020.1821905>
- Emmorey, K.,** Winsler, K., Midgley, K.J., Grainger, J., & Holcomb, P.J. (2020). Neurophysiological correlates of frequency, concreteness, and iconicity in American Sign Language. *Neurobiology of Language*, 1(2), 249-267. https://www.mitpressjournals.org/doi/pdf/10.1162/nol_a_00012
- Emmorey, K.,** Li, C., Petrich, J., & Gollan, T. H. (2020). 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*, 46(3), 443-454. <http://dx.doi.org/10.1037/xlm0000734>
- Emmorey, K.** (2020). 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*, pp. 347–359, Oxford University Press. Manuscript reprint doi: <https://psyarxiv.com/uqvbf/>
- MacSweeney, M., & **Emmorey, K.** (2020). The neurobiology of sign language processing. In D. Poeppel, G. Mangun, and M. Gazzaniga (Eds.), *The Cognitive Neurosciences VI*, pp. 848–857, Cambridge, MA: The MIT Press.
- Meade, G., Grainger, J., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2020). An ERP investigation of orthographic precision in deaf and hearing readers. *Neuropsychologia*. <https://doi.org/10.1016/j.neuropsychologia.2020.107542>
- Mott, M., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2020). Cross-modal translation priming and iconicity effects in deaf signers and hearing learners of American Sign Language. *Bilingualism: Language and Cognition*. 23, 1032-1044. <https://doi.org/10.1017/S1366728919000889>
- Müller de Quadros, R., Davidson, K., Lillo-Martin, D., & **Emmorey, K.** (2020). Code-blending with depicting signs. *Linguistic Approaches to Bilingualism*, 10(2), 290–308. <https://doi.org/10.1075/lab.17043.qua>
- Pylkkänen, L., & **Emmorey, K.** (2020). Introduction: Language. In D. Poeppel, G. Mangun, and M. Gazzaniga (Eds.), *The Cognitive Neurosciences VI*, pp. 839-841, Cambridge, MA: The MIT Press.
- Ries, S., Nadalet, L., Mickelson, S., Mott, M., Midgley, K. J., Holcomb, P.J., & **Emmorey, K.** (2020). Pre-output language monitoring in sign production. *Journal of Cognitive Neuroscience*. https://doi.org/10.1162/jocn_a_01542
- Schaller, F., Lee, B., Sehyr, Z.S., O’Grady Farnady, L., & **Emmorey, K.** (2020). Cross-linguistic metaphor priming in ASL-English bilinguals: Effects of the Double Mapping Constraint. *Sign languages & Linguistics*, 23, 96-111. <https://doi.org/10.1075/sll.00045.sch>
- Secora, K., & **Emmorey, K.** (2020). Visual perspective-taking in spatial scenes and in American Sign Language. *Journal of Deaf Studies and Deaf Education*, 25(4), 447-456. <https://doi.org/10.1093/deafed/ena006>
- Sehyr, Z.S., Midgley, K. J., Holcomb, P.J., **Emmorey, K.**, Plaut, D. C., & Behrmann, M. (2020). Unique N170 asymmetries to visual words and faces reflect experience-specific

adaptation in adult deaf ASL signers. *Neuropsychologia*, 141, 107414
<http://www.elsevier.com/locate/neuropsychologia>.

Thompson, W., Perlman, M., Lupyan, G., Sehyr, Z.S., & **Emmorey, K.** (2020). A data-driven approach to the semantics of iconicity in American Sign Language and English. *Language and Cognition*, 12, 182-202, doi:10.1017/langcog.2019.52

2019

Brozdowski, C., Secora, K., **Emmorey, K.** (2019). Assessing the comprehension of spatial perspectives in ASL classifier constructions. *Journal of Deaf Studies and Deaf Education*, 24(3), 214–222. doi:10.1093/deafed/enz005

Emmorey, K. (2019). Bilinguals: Do they think differently in each language? *Current Biology*, Nov 4;29(21)R1133-R1135. doi: 10.1016/j.cub.2019.09.009.

Lee, B., Meade, G., Midgley, K. J., Holcomb, P.J., & **Emmorey, K.** (2019). ERP evidence for co-activation of English words during recognition of American Sign Language signs. *Brain Sciences*, 9, 148. doi:10.3390/brainsci9060148

Meade, G., Grainger, J., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2019). ERP effects of masked orthographic neighbour priming in deaf readers. *Language, Cognition and Neuroscience*. DOI: 10.1080/23273798.2019.1614201

Secora, K., & **Emmorey, K.** (2019). Social abilities and visual-spatial perspective-taking skill. *Journal of Deaf Studies and Deaf Education*, 24(3), 201–213. <https://doi.org/10.1093/deafed/enz006>

Sehyr, Z.S., & **Emmorey, K.** (2019). 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*, 11(2), 208-234. doi:10.1017/langcog.2019.18

Vinson, D., Fox, N., Devlin, J.T., **Emmorey, K.**, & Vigliocco, G., (2019). Transcranial magnetic stimulation during British Sign Language production reveals monitoring of discrete linguistic units in left superior parietal lobule. Unpublished Manuscript. doi: <https://doi.org/10.1101/679340>

Weisberg, J., Casey, S., Sehyr, Z.S., & **Emmorey, K.** (2019). Second language acquisition of American Sign Language influences co-speech gesture production. *Bilingualism: Language and Cognition*. <https://doi.org/10.1017/S1366728919000208>

2018

Blanco-Elorrieta, E., **Emmorey, K.**, & Pykkänen, 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.**, & Pykkänen, 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.

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1995

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PRESENTATIONS

2022

Akers, E., Midgley, K., Holcomb, P., & Emmorey, K. (2022). The effects of iconicity on sign language learning in hearing adults: An ERP study. Poster presented at the Cognitive Neuroscience Society Meeting, April, San Francisco, CA.

Camillieri, S., Midgley, K., Emmorey, K., & Holcomb, P. (2022). Masked morphological priming effects in deaf readers: An ERP study. Poster presented at the Cognitive Neuroscience Society Meeting, April, San Francisco, CA.

McGarry, M., Midgley, K., Holcomb, P., & Emmorey, K. (2022). How (and why) does iconicity impact lexical retrieval during sign production? Poster presented at the Cognitive Neuroscience Society Meeting, April, San Francisco, CA.

Saunders, E., Holcomb, P., Midgley, K., & Emmorey, K. (2022). Assessing the strength of the morpho-orthographic segmentation route for deaf readers using event-related potentials. Poster presented at the Cognitive Neuroscience Society Meeting, April, San Francisco, CA.

Terhune-Cotter, B., McCullough, S., & Emmorey, K. (2022). Comparing neural activation at the lexical, syntactic, and narrative levels in American Sign Language comprehension. Poster presented at the Cognitive Neuroscience Society Meeting, April, San Francisco, CA.

Emmorey, K. (2022). The signing brain: What sign languages can tell us about human language. *William A. Danielson Award Lecture for Distinguished Contributions to Communication*. University of Texas, Austin, April, Virtual talk.

Emmorey, K. (2022). The neurobiology of skilled reading in deaf adults. *Scientists in Training Series*, Rochester Institute of Technology, April, Virtual talk.

2021

Emmorey, K. (2021). The signing brain: What sign languages can tell us about human language. *Oxford Psychological Society*. November, Virtual colloquium.

Sehyr, Z.S., & Emmorey, K. (2021). Iconic structure mapping between semantic features and phonology in ASL. Paper presented at the *Psychonomic Society meeting*, November, Virtual meeting.

Emmorey, K., Midgley, K., & Holcomb, P. (2021). Tracking the time course of sign recognition using ERP repetition priming. Poster presented at the *Society for the Neurobiology of Language meeting*, October, Virtual meeting.

Terhune-Cotter, B., McCullough, S.M., & Emmorey, K. (2021). An fMRI localizer for American Sign Language comprehension (Sandbox Series). Poster presented at the *Society for the Neurobiology of Language meeting*, October, Virtual meeting.

- McCullough, S.M., & **Emmorey, K.** (2021). Cross-modal effects of pseudosign articulation (overt and covert) on the extrastriate cortex: an adaptation fMRI study. Poster slam presented at the *Society for the Neurobiology of Language* meeting, October, Virtual meeting.
- McGarry, M., Midgley, K., Holcomb, P., & **Emmorey, K.** (2021). An ERP study comparing iconicity effects on translation and picture-naming tasks: Are effects of iconicity in ASL task specific? Paper presented at the *Society for the Neurobiology of Language* meeting, October, Virtual meeting.
- Emmorey, K.** (2021). The architecture of the sign language lexicon: Evidence from ERP studies. Keynote lecture presented at the *Architectures and Mechanisms in Language Processing (AMLaP)* meeting, September, Virtual meeting.
- Sehyr, Z., & **Emmorey, K.** (2021). Assessing the contribution of lexical quality and sign language variables to reading comprehension in deaf adult ASL signers. Paper presented at the *Society for the Scientific Study of Reading*, July, Virtual meeting.
- Lee, B., Martinez, P., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2021). Sensitivity to orthotactic and phonological constraints on word recognition: An ERP study with deaf and hearing readers. Poster presented at the *Society for the Scientific Study of Reading*, July, Virtual meeting.
- Saunders, E., **Emmorey, K.**, & Sehyr, Z. (2021). Examining spelling patterns in ASL fingerspelling and English. Poster presented at the *Society for the Scientific Study of Reading*, July, Virtual meeting.
- Declerck, M., Meade, G., Midgley, K.J., Holcomb, P.J., Roelofs, A., & **Emmorey, K.** (2021). Language control in bimodal bilinguals: Evidence from ERPs. Poster presented at the *International Symposium on Bimodal Bilingualism 13*, July, Virtual meeting.
- Emmorey, K.** (2021). Bimodal bilingualism, deafness, and aging. Invited presentation at the National Institute on Aging virtual workshop “Bilingualism and Cognitive Reserve and Resilience”. March, Virtual meeting.

2020

- Emmorey, K.** (2020). The signing brain: What sign languages tell us about human language. *Abralin Linguistics Series*, November. <https://aovivo.abralin.org/en/lives/karen-emmorey-2/>
- Emmorey, K.** (2020). Hand it to sign languages. Distinguished Career Award lecture presented at the *Society for the Neurobiology of Language*, November, Virtual meeting.
- Declerck, M., Meade, G., Midgley, K.J., Holcomb, P.J., Roelofs, A., & **Emmorey, K.** (2020). Domain general language control? An ERP study with bimodal bilinguals. Poster presented at AMLaP, September, Virtual meeting.

2019

- Emmorey, K.** (2019). The neurobiology of reading in deaf and hearing adults. Distinguished Language Scientists inaugural lecture. University of California, Irvine, December, Irvine, California.

- Emmorey, K.** (2019). The neurobiological foundation of skilled reading in deaf adults. Keynote presentation at Teaching Deaf Learners conference, November, Haarlem, The Netherlands.
- Emmorey, K.** (2019). What's the latest research on sign language, fingerspelling, and reading in deaf adults? Invited presentation to the Horace Mann School for the Deaf, October, Boston, MA.
- Emmorey K.** (2019). The neurobiology of reading in deaf and hearing adults. Public lecture presented at Emerson College, October, Boston, MA.
- Emmorey, K.** (2019) The neural and behavioral consequences of iconicity in American Sign Language. Keynote presentation at *Theoretical Issues in Sign Language Research*, September, Hamburg, Germany.
- Emmorey, K.** (2019). Towards the development of standardized methods for psycholinguistic and neurolinguistics experiments. Invited paper presented at the *Workshop on doing reproducible and rigorous science with Deaf children, Deaf communities, and sign languages*, September, Berlin, Germany.
- Lee, B., Mirault, J., Bélanger, N., & **Emmorey, K.** (2019). Pronounceability effects and word processing efficiency during sentence reading by deaf and hearing readers. Poster presented at *Theoretical Issues in Sign Language Research*, September, Hamburg, Germany.
- McGarry, M., Massa, N., Mott, M., Midgley, K., Holcomb, P., & Emmorey, K. (2019). Matching pictures and signs: An ERP study of the effects of iconic structural alignment in American Sign Language. Poster presented at *Theoretical Issues in Sign Language Research*, September, Hamburg, Germany.
- Sehry, Z. S., Edinger, R., & **Emmorey, K.** (2019). Quantifying the spatial and temporal properties of nouns and verbs in American Sign Language using Microsoft Kinect. Poster presented at *Theoretical Issues in Sign Language Research*, September, Hamburg, Germany.
- Sehry, Z.S., & **Emmorey, K.** (2019). Lexical factors that influence sign retrieval: A large-scale ASL picture naming study. Poster presented at *Theoretical Issues in Sign Language Research*, September, Hamburg, Germany.
- Brozdowski, C., & **Emmorey, K.** (2019). Using transitional information in sign and gesture prediction. Poster presented at *Theoretical Issues in Sign Language Research*, September, Hamburg, Germany.
- Emmorey, K.**, McCullough, S., & Brozdowski, C. (2019). The neural correlates for comprehending spatial language in American Sign Language and English. Poster presented at the *Society for Neurobiology of Language*, August, Helsinki, Finland.
- Emmorey, K.** (2019). The plasticity of the reading circuit. Keynote speaker at the 5th *International Conference on Cognitive Hearing Science for Communication*, June, Linköping, Sweden.
- Emmorey, K.** (2019). Lexical iconicity. Invited paper presented at the *Workshop on Form-Meaning Units*, June, Berg en Dal, The Netherlands.

- Emmorey, K.** (2019). Lexical iconicity in sign language. Keynote speaker at the 55th Annual Meeting of the *Chicago Linguistic Society*, May, Chicago, IL.
- Lu, J., **Emmorey, K.**, & Goldin-Meadow, S. (2019). Signers often (but not always) modify their signs to enhance iconicity. Poster presented at the *12th International Symposium on Iconicity in Language and Literature*, April, Lund, Sweden.
- Emmorey, K.** (2019). Neural effects of iconicity in sign language. Invited presentation at *Neuroscience of Language Conference*, April, Abu Dhabi, United Arab Emirates.
- Lee, B., Midgley, K.J., Holcomb, P.J., **Emmorey, K.**, & Meade, G. (2019). ERP evidence for phonological priming in American Sign Language in a semantic task. Poster presented at the *Cognitive Neuroscience Society*, March, San Francisco.
- Massa, N., **Emmorey, K.**, Midgley, K.J., & Holcomb, P.J. (2019). Tracking the time-course of visual word recognition using different types of word-like stimuli. Poster presented at the *Cognitive Neuroscience Society*, March, San Francisco.
- McCullough, S., Brozdowski, C., & **Emmorey, K.** (2019). Neural correlates for comprehending perspective-independent and perspective-dependent spatial expressions in ASL and English. Poster presented at the *Cognitive Neuroscience Society*, March, San Francisco.
- McGarry, M., Mott, M., Midgley, K.J., Holcomb, P.J., & **Emmorey, K.** (2019). Picture-naming in American Sign Language: an ERP study of the effects of iconicity and alignment. Poster presented at the *Cognitive Neuroscience Society*, March, San Francisco.
- Zimman, H., Osmond, S., **Emmorey, K.**, Midgley, K.J., & Holcomb, P.J. (2019). Preliminary ERP evidence in different rapid feedforward orthographic and phonological masked-priming effects. Poster presented at the *Cognitive Neuroscience Society*, March, San Francisco.
- 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.
- Sevcikova Sehyr, Z., & **Emmorey, K.** (2018). Assessing the contribution of lexical quality variables to reading comprehension in deaf and hearing readers. Paper presented at the *Psychonomic Society*, November, New Orleans, LA.
- 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., Midgley, 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., Midgley, 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.

- Giezen, 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:

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 Endowment for the Humanities
National Institute on Deafness and other Communicative Disorders	

National Science Foundation (Linguistics
and Human Cognition and Perception
programs)

The Wellcome Trust
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*