

Joanna A. Morris

RESEARCH INTERESTS Morphological processing; Visual word recognition; Lexical representations; Lexical stress; Event related potentials; Masked Priming

EDUCATION **The University of Pennsylvania**, Philadelphia, Pennsylvania USA
Ph.D., Psychology, 1998

- Thesis Title: “*The representation of lexical stress in English orthography: Evidence from online lexical processing tasks*”
- Dissertation Committee: Michael Kelly (Advisor), Lila Gleitman, John Trueswell, Virginia Richards

Oxford University, Oxford, UK

M.Phil., Comparative Philology and Theoretical Linguistics, 1993

- Thesis Title: “*The Role of the Third Formant in Vowel Normalization*”
- Advisor: Burton Rosner

Dartmouth College, Hanover, NH USA

A.B., *summa cum laude*, Psychology, 1989

EMPLOYMENT HISTORY **Rhode Island School of Design**, Providence, Rhode Island USA
Provost’s Fellow 2019 - 2020

Hampshire College, Amherst, Massachusetts USA
Professor of Cognitive Science 2018 - present
Associate Professor of Cognitive Science 2007 - 2018
Assistant Professor of Cognitive Science 1999-2007
Visiting Assistant Professor of Cognitive Science 1998-1999

The University of the West Indies, St. Augustine, Trinidad & Tobago
Lecturer in Psychology 2005-2006 (while on leave from Hampshire College)

HONORS AND AWARDS Phi Beta Kappa, 1989
Rhodes Scholarship, 1990
University of Pennsylvania Institute for Research in Cognitive Science (IRCS) Pre-doctoral Fellowship Award, 1995

PROFESSIONAL ACTIVITIES Member of the Advisory Committee to the National Science Foundation Social, Behavioural, and Economic Sciences Directorate (NSF-SBE) 2013-present.
Ad hoc reviewer for *Psychophysiology*, *International Journal of Psychophysiology*, *Journal of Neurolinguistics*, *Journal of Cognitive Neuroscience*, *Brain and Language*, *Memory and Cognition*, *Psychonomic Bulletin and Review*, *Neuropsychologia*, *Journal of Memory and Language*, *Neuroscience Letters*, *Journal of Experimental Psychology: Human Perception and Performance*, *Cognitive, Affective and Behavioural Neuroscience*
Ad hoc NIH Grant Review Panelist, Language and Communication Study Section
Ad hoc reviewer for National Science Foundation, Perception, Action, and Cognition panel

- PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS
- Cognitive Neuroscience Society
 - Association for Psychology Science
 - Psychonomic Society
- PUBLICATIONS
- Morris, J. (2017). The Interaction Between Storage and Computation in Morphosyntactic Processing. In M. Mody (Ed.), *Neural Mechanisms of Language* (pp. 27–61). Boston, MA: Springer US
- Morris, J., Grainger, J., & Holcomb, P. J. (2013). Tracking the consequences of morpho-orthographic decomposition using ERPs. *Brain Research*, 1529, 92104.
- Diependaele, K., Morris, J., Serota, R. M., Bertrand, D., & Grainger, J. (2013). Breaking boundaries: Letter transpositions and morphological processing. *Language and Cognitive Processes*, 28(7), 9881003.
- Duabeitia, J. A., Dimitropoulou, M., Morris, J., & Diependaele, K. (2013). The role of form in morphological priming: Evidence from bilinguals. *Language and Cognitive Processes*, 28(7), 967987.
- Morris, J., & Stockall, L. (2012). Early, equivalent ERP masked priming effects for regular and irregular morphology. *Brain and language*, 123(2), 8193.
- Benau, E. M., Morris, J., & Couperus, J. W. (2011). Semantic processing in children and adults: Incongruity and the N400. *Journal of Psycholinguistic Research*, 40(3), 225-239.
- Diependaele, K., Duabeitia, J. A., Morris, J., & Keuleers, E. (2011). Fast morphological effects in first and second language word recognition. *Journal of Memory and Language*, 64(4), 344-358.
- Morris, J., Porter, J. H., Grainger, J., & Holcomb, P. J. (2011). Effects of lexical status and morphological complexity in masked priming: An ERP study. *Language and Cognitive Processes*, 26(4-6), 558-599.
- Morris, J., Grainger, J. & Holcomb, P. J. (2008). An electrophysiological investigation of early effects of masked morphological priming, *Language and Cognitive Processes*. 23, 1021-1056.
- Morris, J., Frank, T., Grainger, J. & Holcomb, P. J. (2007). Semantic transparency and masked morphological priming: An ERP investigation. *Psychophysiology*, 44(4), 506-521.
- Morris, J., & Holcomb, P. J. (2005). Event-related potentials to violations of inflectional verb morphology in English. *Cognitive Brain Research*, 25(3), 963-981.
- Kelly, M. H., Morris, J. A., & Verrechia, L. H. (1998). Orthographic cues to lexical stress: Effects on naming and lexical decision. *Journal of Memory and Cognition*, Vol 26(4), Jul 1998. pp. 822-832.
- CONFERENCE PRESENTATIONS
- Davila, J. J. & Morris, J. (2018). From Orthography to Semantics: a Study of Morphological Processing through Deep Learning Neural Networks, International Joint Conference on Neural Networks, Rio de Janeiro, Brazil, pp. 1628-1634.
- Greene, S., Morris, J. & Altshuler, D. (2018). That project was a rollercoaster: An ERP test of deliberate metaphor theory. Paper presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Prasad, G., Morris, J. & Feinstein, M. (2017). The P600 for singular 'they': How the brain reacts when John decides to treat themselves to sushi. Paper presented at the 58th Annual Meeting of the

Psychonomic Society, Vancouver, BC, Canada.

Morris, J. & Przwloka, Z. (2015). The role of affix productivity in morphological decomposition: Evidence from ERPs. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL.

Morris, J. ERP Markers of Morphological Decomposition. (2014) Poster presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.

Morris, J., Grainger, J. & Holcomb, P. (2013). Neural correlates of morphological decomposition as a function of stem lexicality. Paper presented at the 8th International Morphological Processing Conference, Cambridge, UK.

Morris, J., Grainger, J. & Holcomb, P. (2012). Tracking the Consequences of Morpho-Orthographic Decomposition Using ERPs. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.

Morris, J., Holcomb, P., & Grainger, J. (2012). ERP evidence for early morpho-orthographic decomposition. Presented at the Society for Cognitive Neuroscience Annual Meeting , Chicago, IL. April 2012.

Morris, J., Grainger, J. & Holcomb, P. (2011). ERP effects of morpheme detection and morphological decomposition. Paper presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA.

Morris, J. & Stockall, L. (2010). ERP Evidence for Early Equivalent Masked Priming for Regular and Irregular Morphology. Paper presented at the The 16th Annual Conference on Architectures and Mechanisms for Language Processing, York, UK.

Morris, J., Porter, J., Grainger, J., & Holcomb, P. (2009). Effects of lexical status and morphological complexity. Paper presented at the 6th Morphological Processing Conference, Turku, Finland.

Morris, J., Grainger, J. & Holcomb, P. J. (2006). Morpho-Orthographic and Morpho-Semantic Influences in Early Visual Word Recognition: An ERP Investigation Using Masked Priming. Presented at the Society for Cognitive Neuroscience Annual Meeting , San Francisco, April, 2006.

Morris, J., Frank, T., Grainger, J. & Holcomb, P. J. (2006). Semantic Transparency and Masked Morphological Priming: An ERP Investigation. Poster presented at the 47th Psychonomic Society Annual Meeting, Houston, TX.

Morris, J. & Holcomb, P. J. (2005). Masked Repetition Priming of Regular and Irregular Verb Forms Presented at the Society for Cognitive Neuroscience Annual Meeting , New York, April, 2005.)

Morris, J. & Holcomb, P. J. (2004). ERP responses to violations of morphological structure Presented at the Society for Cognitive Neuroscience Annual Meeting , San Francisco, April, 2004.)

Ashby, Jane, Martin, A. E. & Morris Florack, J. (2004). The timecourse of phonological representation during reading: An ERP investigation. Presented at Cognitive Neuroscience, San Francisco, April 19, 2004.

Johnson, S. M., Breen, M., Clifton, C., Jr, & Morris Florack, J. (2003). ERP investigation of prosodic and semantic focus. Presented at Cognitive Neuroscience, New York City, March 30 - April 1, 2003.

Ashby, J., Martin, A. & Morris Florack, J. A. (2003). Syllable effects in English word recognition: An ERP investigation. Presented at Architectures and Mechanisms for Language Processing (AMLaP) Glasgow, August 2003.

Ashby, J., Martin, A. & Morris Florack, J. A. (2003). Syllable effect in English word recognition? An ERP investigation. 2003. Presented at the 44th Annual Meeting of the Psychonomic Society, Vancouver, BC, November 2003.

Anderson, E. & Morris Florack, J. A. (2003). The N400 in exact and approximate mental arithmetic. Presented at the 25th annual meeting of the Cognitive Science Society in Boston, MA.

Robinson, A. & Morris, J. A. (2002). Is the N170 ERP component face specific? Presented at the 43rd annual meeting of the Psychonomic Society, Kansas City, MO. November, 2002.

Breen, M. & Morris, J. A. (2002). Constraint, phonology and word recognition: An ERP investigation. Presented at the 14th Annual Convention of the American Psychological Society, New Orleans. June, 2002.

Curtis, M. E. & Morris, J. A. (2000). Investigations of pitch contours in subjects with differing emotional states. Presentation given at the 41th Annual meeting of the Psychonomic Society, New Orleans, LA.

INVITED TALKS

Morpho-orthographic and morpho-semantic processing in complex word recognition. Presented at the Connecticut College Psychology Colloquium, September 2018.

Lexical competition and morphological processing. Presented at a Symposium on The Timing of Morphological Processing at the The 9th International Morphological Processing Conference, Postdam, Germany, June 2015.

The role of semantic transparency in morphological processing. Presented at the University of Massachusetts Psychology Department Cognitive Seminar, September 2013

How morphological complexity and lexical status modulate ERP responses in a lexical decision task. Presented at the Neurocognition Lab, Psychology Department, Tufts University, May 2011

An ERP examination of morphological processing: morpho-orthographic versus morpho-semantic decomposition. Presented at the Neurocognition Lab, Psychology Department, Tufts University, Feb 2009

Semantic Transparency and Masked Morphological Priming. Presented at the University of Connecticut Psychology Department Colloquium, October 2007

INTERNAL GRANTS

The role of frequency, productivity and orthographic variability in complex word recognition, Hampshire College Faculty Development Grant 2014

Orthographic Alternation in Complex Words, Hampshire College Faculty Development Grant 2013
Complex Word Recognition, Faculty Development Grant 2012

The structure of French words: Orthographic Variability in French, Hampshire College Mellon Language Learning Grant 2011.

The role of inhibition in complex word recognition, Hampshire College Faculty Development Grant 2010

Reading Complex Words: An Event Related Potential Investigation, Hampshire College Faculty Development Grant 2009

Reading Complex Words: An Event Related Potential Investigation, Hampshire College Faculty Development Grant 2008

COURSES TAUGHT *General Psychology & Statistics*: Introduction to Psychology, Statistics
Psycholinguistics: Psychology of Language, Language Acquisition, Bilingualism, The Structure of Words
Perception and Cognition: Words, Faces and Other Minds (Theory of Mind), Face Perception, Social Cognition, Cognitive Psychology, Sensation and Perception
Cognitive Neuroscience and Physiological Psychology: Physiological Psychology, Brain and Cognition (Introduction to Cognitive Neuroscience), Lab Course in Cognitive Electrophysiology

SKILLS
Statistical Packages: R, SPSS.
Programming Languages: R, Matlab, Python
Data Analysis Tools: Pandas, Matplotlib, NumPy, SciPy, Scikit-Learn
Deep Learning and Neural Net Tools: TensorFlow,
Stimulus Presentation Software: DMDX, E-Prime, OpenSesame, PsychoPy,
ERP Data Acquisition and Analysis Software: Neuroscan, EEGLab, ERPLab
Applications: Windows and OS X word processing, spreadsheet, and presentation software Operating Systems: OS X, Windows, Unix