

# **Brenda Rapp**

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## **EDUCATION**

B.S. (1979) Special Education. University of Maryland (College Park, MD)  
M.A. (1987) Psychology. Johns Hopkins University (Baltimore, MD)  
Ph.D. (1991) Psychology. Johns Hopkins University (Baltimore, MD)

## **PROFESSIONAL SOCIETIES**

Psychonomic Society, Academy of Aphasia, Neurobiology of Language, Cognitive Neuroscience Society

## **PROFESSIONAL EXPERIENCE**

2020-2022 Homewood Academic Council. Natural Sciences, faculty representative. Johns Hopkins University.  
2011-2018 Chair. Cognitive Science Department. Johns Hopkins University.  
2010-2013 Chair, Doctor of Philosophy Board. Johns Hopkins University.  
2003- Professor. Cognitive Science Department, Johns Hopkins University.  
2000-2003 Associate Professor. Cognitive Science Department, Johns Hopkins University.  
2000- Joint Appointment. Department of Neuroscience, Johns Hopkins University.  
1998- Joint Appointment. Department of Psychological and Brain Sciences, Johns Hopkins University.  
1994-2000 Assistant Professor. Cognitive Science Department, Johns Hopkins University.  
1991-1994 Adjunct Assistant Professor. Cognitive Science Department, Johns Hopkins University.  
1990-1994 Associate Research Scientist. Cognitive Science Department, Johns Hopkins University.  
1985-1989 Teaching Assistant. Johns Hopkins University.  
1982-1985 Research Associate. Study Center Foundation for the Study and Remediation of Learning Disabilities (Madrid, Spain).  
1983-1984 Instructor of Psychology and Pedagogy. Blanca Paloma Technical Institute (Granada, Spain).  
1981-1982 Instructor of English as a 2nd Language. Miami-Dade Community College (Miami, FL).  
1980-1981 Learning Disabilities Teacher. Edgemeade Residential Treatment Center (Croom, MD).  
1975-1978 Teacher of ESOL. National Language Institute (Ceuta, Spain). Berlitz. (Madrid, Spain).  
1975-1977 Learning Disabilities Teacher. Study Center Foundation (Madrid, Spain).

## **GRANTS/FUNDING**

Co-Investigator. NIA RO1AG06881. Transcranial direct current stimulation in typical and atypical Alzheimer's disease. (PI: Kyrana Tsapkini) (8/1/20-7/31/2025)

Co-Investigator. NIDCD RO1DC014475 (PI: Kyrana Tsapkini). Effects of tDCS on spoken and written production in primary progressive aphasia. (4/1/2015-3/31-2020).

Principal Investigator. NIDCD012283. P-50/Project PI. Neurobiology of recovery of written naming in acquired dysgraphia. (4/1/2013-3/31/2019).

Co-Investigator (Organizing Committee). NIH/NIDCD 1 R13 DC017375-01. Academy of Aphasia Research and Training Symposium. (7/1/2018-6/30/2023).

Co-Investigator. Effective biliteracy: The impact of script sets on bilingual reading networks for typical and atypical readers. Nanyang Technological University (Singapore) 11/7/2016-11/7/2018

Co-Investigator. JHU Science of Learning Institute. (PI: Kyrana Tsapkini). Effects of transcranial direct current stimulation during spelling intervention. (5/1/13-4/30/15).

Co-Investigator. JHU Science of Learning Institute. (PI: Michael McCloskey). Cognitive, neural and translational implications of a new reading disorder. (6/1/13-12/31/16).

Co-Investigator. NIH grant RO1DC006242. Lexical processing in word production. (08/15/05-05/31/12)

Principal Investigator. NIDCD grant R01DC006740 Neuroimaging treatment and recovery of written language. (6/1/04-5/31/11).

Principal Investigator. NIMH grant R01DC55758-01A2. Cognitive mechanisms of writing: Lexicon to letter-shape. (8/97-7/02).

Co-Principal Investigator. NSF IGERT Program. Problem-centered research training: Integrating formal and empirical methods in the cognitive science of language. (8/99-7/04).

Co-Principal Investigator. NIH grant DC01423-01. Mechanisms underlying disorders of naming (8/93-12/95).

Principal Investigator. International Association of Learning Disabilities. A single case approach to cognitive and genetic factors in dyslexia (4/94-4/00).

Co-Principal Investigator. NIH grant NS34073-2. Mechanisms of Neglect Dyslexia (4/96-3/01).

Co-Principal Investigator. ARASSH (France). Production de L'écriture (7/97-7/00).

## **HONORS**

- Secretary, Society for the Neurobiology of Language (2017-2020)
- Past-Chair, Board of Governors, Academy of Aphasia (2012-2014)
- Chair, Board of Governors, Academy of Aphasia (2008-2011)
- Board of Governors, Academy of Aphasia (2006-2008)

### **Advisory Boards:**

- 2012-present: Dingwall Foundation (Dissertation Fellowship in the Cognitive, Clinical, and Neural Foundations of Language)
- 2009-2014: SCALE (Snyder Center for Aphasia Life Enhancement)
- 2004-2007: Liberty Science Center (Liberty City, NJ)

## **EDITORIAL, REVIEWING, CONFERENCE ORGANIZATION, EXAMINATIONS**

**Ad hoc reviewer:** *Psychological Review, Acta Psychologica, Aphasiology, Behavioral Neurology, Brain, Brain and Cognition, Brain and Language, Cognition, Cognitiva, Cognitive Neuropsychology, Human Brain Mapping, Journal of Memory and Language, Journal of Neuroscience, Language and Cognitive Processes,*

*Memory and Cognition, Neurocase, NeuroImage, Neuropsychologia Latina, Neuropsychological Rehabilitation, Psychological Bulletin, Reading and Writing, Journal of Experimental Psychology: Human Perception and Performance*

**Grant reviews:**

- Standing panel member NIH Language and Communication Study Section 10/07-10/11.
- Ad hoc panel member for NIH study sections: Perception and Cognition; Sensory Disorders and Language.
- Ad hoc reviewer for NSF Human Perception and Cognition Program

**Editorial:**

- Editor-in-chief of *Cognitive Neuropsychology*, 2010-present
- Editorial Board of *Language, Cognition and Neuroscience*, 2014-present
- Associate Editor *Frontiers in Psychology* 2014-present
- Editorial Board of *Cognitive Neuropsychology*, 2000-2010
- Associate Editor (Spanish language) *Cognitiva*, 2000-2006

**External examiner for Ph.D. defense:**

- 2008 Vanessa Costa (Dissertation proposal). University of Trento, Italy.
- 2008 Julia Klitsch. University of Groningen, The Netherlands
- 2007 Saskia Kohlen. Macquarie University, Australia
- 2004 Marie-Line Bosse. University of Grenoble, France
- 1996 Marina Haywood. Macquarie University, Australia

**External examiner for post-PhD evaluations** (e.g., HDR -Evaluation of aptitude for research supervision; prerequisite for full professorship).

- 2018 Dr. R. Starrfelt; University of Copenhagen, Denmark
- 2006 Dr. P. Stenneken; Freie Universität Berlin, Germany
- 2001 Dr. P. Bonin; University of Clermont-Ferrand, France
- 1997 Dr. M.J. Tainturier; University of Grenoble, France

**Departmental/Program Reviews**

- 2020 External Review Committee Member. Program in Cognitive Science. Dartmouth College.

**Conference organization:**

- Academy of Aphasia. Program Committee (2017-2019; Chair 2018)
- Symposium: “From thought to action: Cognitive and neural mechanisms in writing”. Psychonomic Society, 2015. Chicago, IL
- 5<sup>th</sup> International Workshop on Language Production, 2008 (with M. Miozzo). Annapolis, MD
- Academy of Aphasia. Program Committee (2001-2004; Chair 2003)
- TENNET (1992-2000): Program Committee

**MEDIA**

The Guardian, LA Times, Baltimore Sun, New York Daily News, The Independent, The Washington Post, Wisconsin Public Radio

## PUBLICATIONS

### Books and Special Issues

- Rapp, B.** & McCloskey, M. (2017). *Developmental Dysgraphia and the Acquisition of Spelling and Writing*. Special Issue of *Cognitive Neuropsychology*. Rutledge.
- Nickels, L. Kohnen, S. and **Rapp, B.** (Eds). (2015). *Treatment as a tool for investigating cognition*. Special Issue of *Cognitive Neuropsychology*; 32 (3/4).
- Rapp, B.** (2011). (Ed). *Case Series in Cognitive Neuropsychology*. Special Issue of *Cognitive Neuropsychology*.
- Miozzo, M. & **Rapp, B.** (Eds). (2011). *The Neural Bases of Language Production*. Special Issue of *Language and Cognitive Processes*.
- Rapp, B.** & Beeson, P. (Eds). (2003). *Dysgraphia: Cognitive Processes, Remediation and Neural Substrates*. Special Issue of *Aphasiology*.
- Rapp, B.** (2001). (Ed). *What Deficits Reveal about the Human Mind/Brain: A Handbook of Cognitive Neuropsychology*. Philadelphia: Psychology Press.

### Articles and Chapters

- 126- Bhattacharjee S., Kashyap, R., O'Brien B.A, McCloskey M., Oishi K., Desmond J., **Rapp B.**, Chen, A. (in press). Reading Proficiency Influences the effects of Transcranial Direct Current Stimulation: Evidence from Selective Modulation of Dorsal and Ventral Pathways of reading in Bilinguals. *Brain and Language*.
- 125- Tao, Y., Ficek, B., **Rapp, B.** & Tsapkini, K. (in press). Different patterns of functional network re-organization across the variants of primary progressive aphasia: A graph theoretic analysis. *Neurobiology of Aging*.
- 124- Themistocleous, D. Neophytou, K. **Rapp, B.** & Tsapkini, K. (in press). A tool for automatic scoring of spelling performance. *Journal of Speech, Language and Hearing Research*.
- 123- Shea, J., Wiley, R., Moss, N., **Rapp, B.** (in press). Pseudoword spelling ability predicts response to word spelling treatment in acquired dysgraphia. *Neuropsychological Rehabilitation*.
- 122- Tao, Y. & **Rapp, B.** (in press). How functional network connectivity changes as a result of lesion and recovery: An investigation of the network phenotype of stroke. *Cortex*.
- 121- Higgins, J., Barbieri E., Wang X., Mack, J., Caplan, D., Kiran S., **Rapp B.**, Thompson, C, Zinbarg R., Parrish, T. (in press). Reliability of BOLD signals in chronic stroke-induced aphasia. *European Journal of Neuroscience*. <https://doi.org/10.1111/ejn.14739>
- 120- Martin, R., **Rapp, B.** & Purcell, J. (in press). Domain-specific working memory: Perspectives from cognitive neuropsychology. In R.H. Logie, V. Camos, and N. Cowan (Eds.), *Working Memory: State of the Science*. Oxford, UK: Oxford University Press.
- 119- de Aguiar, V., Zhao, Y, Ficek, B.N., Webster, K. Rofes, A., Wendt, H., Frangakis, C. Caffo, B., Hillis, A. **Rapp, B.**, Tsapkini, K. (2020). Cognitive, language and treatment parameters predict effects of spelling intervention in primary progressive aphasia. *Cortex*, 124, 66-84.

- 118- Purcell, J., Wiley, R., & **Rapp, B.** (2019). Re-learning to be different: Increased neural differentiation supports post-stroke language recovery. *NeuroImage*, 202, 116145. doi: 10.1016/j.neuroimage.2019.116145
- 117- Neophytou, K., Wiley, R., **Rapp, B.**, Tsapkini, K. (2019). The use of spelling for variant classification in Primary Progressive Aphasia: Theoretical and practical implications. *Neuropsychologia*, 107157.
- 116- Chen, A., Bhattacharjee, S., Kashyap, R., **Rapp, B.**, Oishi, K., & Desmond, J.E. (2019). Simulation analyses of tDCS montages for the investigation of dorsal and ventral pathways. *Scientific Reports*, 9, 12178 doi: 10.1038/s41598-019-47654-y.
- 115- **Rapp, B.** & Wiley, R. (2019). Re-learning and remembering in the lesioned brain. *Neuropsychologia*, 132, 107126.
- 114- Tao, Y. & **Rapp, B.** (2019). The effects of lesion and treatment-related recovery on functional network modularity in post-stroke dysgraphia. *NeuroImage Clinical*, 23, 101865.
- 113- Ellenblum, G., Purcell, J., Song, X., **Rapp, B.** (2019). High-level integrative networks: A resting-state fMRI investigation of reading and spelling. *Journal of Cognitive Neuroscience*, 31(7), 961-977.
- 112- Wiley, R. & **Rapp, B.** (2019). From complexity to distinctiveness: The effect of expertise on letter perception. *Psychonomic Bulletin and Review*, 26 (3), 974-984.
- 111- **Rapp, B.** (2019). Disgrafia: Bases neurales y cognitivas. In, E. Labos & J.L. Nespoulous (Eds.), *Neuropsicolinguística: Recorrido clínico, elementos conceptuales y perspectivas*. Editorial Akadia, Buenos Aires.
- 110- Tsapkini, K., Webster, K.T., Ficek, B.N., Desmond, J.E., Onyike, C.U., **Rapp, B.**, Frangakis, C.E., Hillis, A.E. (2018). Electrical brain-stimulation in different variants of primary progressive aphasia: a randomized clinical trial. *Alzheimer's & Dementia: Translational Research and Clinical Interventions*, 4, 461-472.
- 109- Purcell, J.J. & **Rapp, B.** (2018). Local response heterogeneity indexes experience-based neural differentiation in reading. *NeuroImage*, 183, 200-211.
- 108- Rofes, A., Mandonnet, E., de Aguiar, V., **Rapp, B.**, Tsapkini, K., Miceli, G. (2019). Language processing from the perspective of electrical stimulation mapping. *Cognitive Neuropsychology*, 36, 3-4, 117-139.
- 107- Breining, B., Nozari, B & **Rapp, B.** (2018). Learning in complex, multi-component cognitive systems: Different learning challenges within the same system. *Journal of Experimental Psychology: Learning, Memory and Cognition*.
- 106- Wiley, R. & **Rapp, B.** (2019). Statistical analysis in small-n designs: Using linear mixed-effects modeling for evaluating intervention effectiveness. *Aphasiology*, 33:1, 1-30,
- 105- **Rapp, B.** (in press). Writing research in the 21<sup>st</sup> century. In, C. Perret and T. Olive (Eds.), *Writing words: Psychological and neuropsychological approaches*. Leiden: Brill.
- 104- Tsapkini, K., Webster, K., Ficek, B. N., Desmond, J., Onyike, C., **Rapp, B.**, ... & Hillis, A. E. (2017). Transcranial direct current stimulation in primary progressive aphasia: Whom does it help?. *Brain Stimulation: Basic, Translational, and Clinical Research in Neuromodulation*, 10(4), e40.
- 103- Hepner, C., McCloskey, M. & **Rapp, B.** (2017). Do reading and spelling share orthographic representations? Evidence from developmental dysgraphia. *Cognitive Neuropsychology*, 34, 3-4, 119-143.

- 102- McCloskey, M. & **Rapp, B.** (2017). Developmental dysgraphia: An overview and framework for research. *Cognitive Neuropsychology*, 34, 3-4, 65-82.
- 101- Lukic, S. Barbieri, E. Wang, S., Caplan, D. Kiran, S, **Rapp, B.** Parrish, T.B. & Thompson, C. (2017). Right hemisphere grey matter volume and language functions in stroke aphasia. *Neural Plasticity*.  
<https://doi.org/10.1155/2017/5601509>
- 100- Thompson, C.K., Walensi, M. Chen, Y. Caplan, D, Kiran, S. **Rapp, B.**, Grunewald, K. Nunez, M, Zinbarg, R, Parrish, T.B. (2017). Intrahemispheric perfusion in chronic stroke-induced aphasia. *Neural Plasticity*.  
<https://doi.org/10.1155/2017/2361691>
- 99- Breining, B. & **Rapp, B.** (2017; online). Investigating the mechanisms of written word production: Insights from the written blocked cyclic naming paradigm. *Reading and Writing*, <https://doi.org/10.1007/s11145-017-9742-4>.
- 98- Rothlein, D. & **Rapp, B.** (2017). The role of allograph representations in font-invariant letter identification. *Journal of Experimental Psychology: Human Perception and Performance*, 43(7), 1411-1429.
- 97- **Rapp, B.** & Purcell, J. (2018). Understanding how we produce written words: Lessons from the brain. In, De Zubicaray, G. and Schiller, N.O. (Eds.) *Oxford Handbook of Neurolinguistics*. Oxford University Press.
- 96- **Rapp, B.** & Damian, M. (2018). From thought to action: Producing written language. In, Rueschemeyer, S.A & Gaskell, G. (Eds.) *Oxford Handbook of Psycholinguistics*. Oxford University Press.
- 95- Nozari, N., Freund, M. Breining, B., **Rapp, B.** & Gordon, B. (2016). Cognitive control during selection and repair in word production. *Language, Cognition and Neuroscience*, 31, 7, 886-903, DOI: 10.1080/23273798.2016.1157194
- 94- Wiley, R., Wilson, C. & **Rapp, B.** (2016). The effects of alphabet and expertise on letter perception. *Journal of Experimental Psychology: Human Perception and Performance*, 42 (8), 1186-120.
- 93- **Rapp, B.**, Purcell, J., Hillis, A. B. Capasso, R., & Miceli, G. (2016). Neural bases of orthographic long-term memory and working memory in dysgraphia. *Brain*, 139(pt2), 588-604.
- 92- Breining, B., Nozari, B. & **Rapp, B.** (2016). Does segmental overlap help or hurt? Evidence from blocked cyclic naming in spoken and written production. *Psychonomic Bulletin and Review*, 23, 500-506.
- 91- Nickels, L. **Rapp, B.** & Kohnen, S. (2015). Challenges in the use of treatment to investigate cognition. *Cognitive Neuropsychology*, 32 (3/4), 91-104.
- 90- **Rapp, B.**, Fischer-Baum, S. & Miozzo, M. (2015). Modality and morphology: What we write may not be what we say. *Psychological Science*. doi: 10.1177/0956797615573520.
- 89- Purcell, J. & **Rapp, B.** (in press). Disorders of written expression. Wenzel, A. (Ed.). In, *Encyclopedia of Abnormal and Clinical Psychology*. Thousand Oaks, CA: SAGE Publications.
- 88- **Rapp, B.** & Fischer-Baum, S. (2015). Uncovering the cognitive architecture of spelling. In A. Hillis (Ed.), *Handbook on Adult Language Disorders: integrating Cognitive Neuropsychology, Neurology and Rehabilitation; Second Edition*. Philadelphia: Psychology Press.
- 87- **Rapp, B.** & Fischer-Baum, S. (2014). Representation of orthographic knowledge. In, Ferreira, Goldrick and Miozzo (Eds.) *Oxford Handbook on Language Production*. Oxford University Press.

- 86- Medina, J., McCloskey, M., Coslett, H.B. & **Rapp, B.** (2014). Somatotopic representation of location: Evidence from the Simon effect. *Journal of Experimental Psychology: Human Perception and Performance*, 40(6), 2131-2142.
- 85- Miozzo, M. Rawlins, K & **Rapp, B.** (2014). How verbs and nonverbal categories navigate the syntax/semantics interface: Insights from cognitive neuropsychology. *Cognition*, 133(3), 621-640.
- 84- Purcell, J., Shea, J. & **Rapp, B.** (2014). Beyond the VWFA: The semantics-orthography interface in spelling and reading. *Cognitive Neuropsychology*, 31, 5-6, 482-510.
- 83- Medina, J. & **Rapp, B.** (2014). Rapid experience-dependent plasticity following somatosensory damage. *Current Biology*, 24 (6), 677-680.
- 82- Fischer-Baum, S. & **Rapp, B.** (2014). The analysis of perseverations in acquired dysgraphia reveals the internal structure of orthographic representations. *Cognitive Neuropsychology*, 31(3), 237-265.
- 81- Rothlein, D. & **Rapp, B.** (2014). The similarity structure of distributed neural responses reveals the neural representations of letters. *NeuroImage*, 89, 331-344.
- 80- Tainturier, M.J., Bosse, M-L, Roberts, D.J., Valdois, S. & **Rapp, B.** (2013). Lexical neighbourhood effects in pseudoword spelling. *Frontiers in Cognitive Science*, 28 November 2013, doi: 10.3389/fpsyg.2013.00862.
- 79- Purcell, J. & **Rapp, B.** (2013). Identifying functional reorganization of spelling networks: An individual peak probability comparison approach. *Frontiers in Cognitive Science*, 25 December 2013, doi: 10.3389/fpsyg.2013.00964.
- 78- Dufor, O. & **Rapp, B.** (2013). Letter representations in writing: an fMRI adaptation approach. *Frontiers in Cognitive Science*, 28 October 2013, doi: 10.3389/fpsyg.2013.0078.
- 77- **Rapp, B.**, Buchwald, A. & Goldrick, M. (2013). Integrating accounts of speech production: The devil is in the representational details. *Language, Cognition and Neuroscience*. DOI:10.1080/01690965.2013.848991
- 76- Cohen-Goldberg, A.M. Cholin, J. Miozzo, M., **Rapp, B.** (2013). The interface between morphology and phonology: Exploring a morpho-phonological deficit in spoken production. *Cognition*, 2, 270-286.
- 75- Yoshioka, T. Dillon, M. R., Beck, G.C., **Rapp, B.**, & Landau, B. (2013). Tactile localization on digits and hand: Structure and Development. *Psychological Science*, 24(9), 1653-1663.
- 74- **Rapp, B.**, Caplan, D., Edwards, S. Visch-Brink, E. & Thompson, C. (2013). Neuroimaging in aphasia treatment research: Issues of experimental design for relating cognitive to neural changes. *NeuroImage*, 73, 200-207.
- 73- **Rapp, B.** & Fischer-Baum, S. (2013). The representation of orthographic knowledge. In, Ferreira, Goldrick and Miozzo (Eds.) *Oxford Handbook on Language Production*. Oxford University Press.
- 72- Dessalegn, B., Landau, B. & **Rapp, B.**, (2012). Consequences of severe visual-spatial deficits for reading acquisition: Evidence from Williams syndrome. *Neurocase*, 19 (4), 328-347.
- 71- Fischer-Baum, S. & **Rapp, B.** (2012). Underlying cause/s of perseveration errors. *Neuropsychologia*. 50(2):305-318.
- 70- **Rapp, B.** (2011). Case series in cognitive neuropsychology: Promise, perils, and proper perspective. *Cognitive Neuropsychology*. 28, (7), 435-44
- 69- Costa, V., Fischer-Baum, S., Capasso, R., Miceli, G., & **Rapp, B.** (2011). Temporal stability and representational distinctiveness: Key functions of orthographic working memory. *Cognitive Neuropsychology*, 5, 338-362.

- 68- Purcell, J., Turkeltaub, P., Eden, G & **Rapp, B.** (2011). Examining the central and peripheral processes of written word production through meta-analysis. *Frontiers in Language Sciences*, 2: 239.
- 67- **Rapp, B.** & Dufor, O. (2011). The neurotopography of written word production: An fMRI investigation of the distribution of sensitivity to length and frequency. *Journal of Cognitive Neuroscience*, 23(12), 4067-4081
- 66- Tsapkini, K., Vindiola, M, **Rapp, B.** (2011). Patterns of brain reorganization subsequent to left fusiform damage: fMRI evidence from visual processing of words and pseudowords, faces and objects. *NeuroImage*. 55, 1357-1372.
- 65- **Rapp, B.** & Miozzo, M. (2011). Introduction to papers from the 5th Workshop on Language Production: The neural bases of language production. *Language and Cognitive Processes*, 26 (7), 869-877.
- 64- **Rapp, B.** & Lipka, K. (2011). The literate brain: The relationship between reading and spelling. *Journal of Cognitive Neuroscience*, 23, 5, 1180-1197. (doi:10.1162/jocn.2010.21507)
- 63- Wolmetz, W., Poeppel, D. & **Rapp, B.** (2011). What does the right hemisphere know about phoneme categories? *Journal of Cognitive Neuroscience*, 23, 3, 552-569.
- 62- Fischer-Baum, S., McCloskey, M. & **Rapp, B.** (2010). Representation of letter position in spelling: Evidence from acquired dysgraphia. *Cognition*, 115, 466-490.
- 61- Cholin, J., **Rapp, B.** and Miozzo, M. (2010) When do combinatorial mechanisms apply in inflected words? *Cognitive Neuropsychology*, 27, (4), 334-359.
- 60- **Rapp, B.** (2010). Editorial. *Cognitive Neuropsychology*, 27 (1), 1-2.
- 59-Miozzo, M., Costa, A., Hernandez, M. & **Rapp, B.** (2010). Lexical processing in the bilingual brain. *Aphasiology*. 24 (2), 262–287
- 58- Goldrick, M., Folk, J. & **Rapp, B.** (2010). Mrs. Malaprop’s neighborhood: Using word errors to reveal neighborhood structure. *Journal of Memory and Language*, 62, 113-134.
- 57- Tsapkini, K. & **Rapp, B.** (2010). The orthography-specific functions of the left fusiform gyrus: Evidence of modality and category specificity. *Cortex*. 46, 185-205.
- 56- Goldrick, M., Dell, G. S., Kroll, J., & **Rapp, B.** (2009). Sequential information processing and limited interaction in language production. *Science* E-letter response to Sahin et al. 2009 and Hagoort & Levelt 2009.
- 55- Buchwald, A. & **Rapp, B.** (2010). Distinctions between orthographic long-term memory and working memory. *Cognitive Neuropsychology*, 26 (8), 724–751
- 54- Jones, A., Folk, J. & **Rapp, B.** (2009). All letters are not equal: Subgraphemic texture in orthographic working memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 35(6), 1389-1402.
- 53- **Rapp, B.** & Glucroft, B. (2009). The benefits and protective effects of behavioral treatment for dysgraphia in a case of Primary Progressive Aphasia. *Aphasiology*, 23, 26-.
- 52- Medina, J. & **Rapp, B.** (2008). Phantom tactile sensations modulated by body position. *Current Biology*, 18, 1937-1942.
- 51- Caño, A., **Rapp, B.**, Costa, A. & Juncadella, M. (2008). Deafness for the meanings of number words.



*Neuropsychologia*, 46(1), 63-81.

50- Goldberg, A. & **Rapp, B.** (2008). Is compound chaining the serial order mechanism of spelling? A simple recurrent network investigation. *Cognitive Neuropsychology*, 25(2), 218-255.

49- Menichelli, L., **Rapp, B.** & Semenza, C. (2008). Allographic agraphia: A case study. *Cortex*, 44, 861-868.

48- Raymer, A.M., Beeson, P., Holland, A., Maher, L.M., Martin, N., Murray, L., Rose, M., Thompson, C. K., Turkstra, L., Altmann, L., Boyle, M., Conway, T., Hula, W., Kearns, K., Kendall, D., **Rapp, B.**, Simmons-Mackie, N., & Gonzalez-Rothi, L.J. (2008). Translational research in aphasia: From neuroscience to neurorehabilitation. *Journal of Speech, Language, and Hearing Research*, 51, S259-275.

47- Buchwald, A., **Rapp, B.** & Stone, M. (2007). Insertion of discrete phonological units: An acoustic and articulatory investigation of aphasic speech. *Language and Cognitive Processes*, 22(6), 910-948.

46- Goldrick, M. & **Rapp, B.** (2007). Lexical and post-lexical representations in spoken production. *Cognition*, 102, 219-260.

45- **Rapp, B.** & Goldrick, M. (2006). Speaking words: Contributions of cognitive neuropsychological research. *Cognitive Neuropsychology*, 23 (1), 39-73.

44- McCloskey, M., Macaruso, P. & **Rapp, B.** (2006). Grapheme-to-lexeme feedback in the spelling system: Evidence from a dysgraphic patient. *Cognitive Neuropsychology*, 23 (2), 278-307.

43- Buchwald, A. & **Rapp, B.** (2006). Consonants and vowels in orthographic representation. *Cognitive Neuropsychology*, 23(2), 308-337.

42- **Rapp, B.** (2005). The relationship between treatment outcomes and the underlying cognitive deficit: evidence from the remediation of acquired dysgraphia. *Aphasiology*, 10/11, 994-1008.

41- Folk, J. & **Rapp, B.** (2004). Interaction of lexical and sublexical information in spelling : Evidence from nonword priming. *Applied Psycholinguistics*, 25, 565-585.

40- Tainturier, M.J. & **Rapp, B.** (2004). Complex graphemes as functional spelling units: Evidence from acquired dysgraphia. *Neurocase*, 10, 122-131.

39- Hillis, A., & **Rapp, B.** (2004). Cognitive and neural substrates of written language comprehension and production. In, M. Gazzaniga (Ed.), *The New Cognitive Neurosciences*, 3<sup>rd</sup> Edition. Cambridge: MIT Press.

38- **Rapp, B.** & Goldrick, M. (2004). Feedback by any other name is still interactivity: A reply to Roelofs' comment on Rapp & Goldrick (2000). *Psychological Review*.

37- Tainturier, M.J. & **Rapp, B.** (2003). Is a single graphemic buffer used in reading and spelling? *Aphasiology*, 17 (6/7), 537-562.

36- **Rapp, B.** & Hendel, S. K. (2003). Principles of cross-modal competition: Evidence from deficits of attention. *Psychological Bulletin and Review*, 10(1), 210-129.

35- Folk, J., **Rapp, B.** & Goldrick, M. (2002). Interaction of lexical and sublexical information in spelling-What's the point? *Cognitive Neuropsychology*, 19, 53-671.

34- **Rapp, B.** (2002). Uncovering the cognitive architecture of spelling. In A. Hillis (Ed.), *Handbook on Adult*

*Language Disorders: integrating Cognitive Neuropsychology, Neurology and Rehabilitation*. Philadelphia: Psychology Press.

33- **Rapp, B.** & Caramazza, A. (2002). Selective difficulties with spoken nouns and written verbs: A single case study. *Journal of Neurolinguistics*, *15*, 373-402.

32- **Rapp, B.**, Epstein, C. & Tainturier, M.J. (2002). The integration of information across lexical and sublexical processes in spelling. *Cognitive Neuropsychology*, *19*, 1-29.

31- **Rapp, B.**, Hendel, S. & Medina, J. (2002). Remodeling of somatosensory hand representations subsequent to cerebral lesions in adult humans. *NeuroReport*, *13*, 1-5.

30- **Rapp, B.** & Kane, A. (2002). Remediation of deficits affecting different components of the spelling process. *Aphasiology*, *16*, 439-454.

29- Goldrick, M. & **Rapp, B.** (2002). A restricted interaction account (RIA) of spoken word production: The best of both worlds. *Aphasiology*, *16*, 20-55.

28- **Rapp, B.**, Folk, J. & Tainturier, M.J. (2001). Reading words. In B. Rapp (Ed.), *What Deficits Reveal about the Human Mind/Brain: A Handbook of Cognitive Neuropsychology*. Philadelphia: Psychology Press.

27- **Rapp, B.** & Gotsch, D. (2001). Cognitive theory in clinical practice. In R. Berndt (Ed.), *Handbook of Neuropsychology, second edition. Volume 2 (Language)*. Amsterdam: Elsevier Science Publishers.

26- Tainturier, M.J. & **Rapp, B.** (2001). Spelling words. In B. Rapp (Ed.), *What Deficits Reveal about the Human Mind/Brain: A Handbook of Cognitive Neuropsychology*. Philadelphia: Psychology Press.

25- **Rapp, B.** & Goldrick, M. (2000). Discreteness and interactivity in spoken word production. *Psychological Review*, *107*, 460-499.

24- McCloskey, M. & **Rapp, B.** (2000). Attention-referenced visual representations: Evidence from impaired visual localization. *Journal of Experimental Psychology: Human Perception and Performance*, *26*, 917-933.

23- McCloskey, M. & **Rapp, B.** (2000). A visually-based developmental reading deficit. *Journal of Memory and Language*, *43*, 157-181.

22- Hillis A., **Rapp, B.** & Caramazza, A. (1999). When a rose is a rose in speech but a tulip in writing. *Cortex*, *35*, 337-356.

21- **Rapp, B.** & Caramazza, A. (1998). A case of selective difficulty in writing verbs. *Neurocase*, *4*, 127-140.

20- Hillis, A., **Rapp, B.**, Benzing, L. & Caramazza, A. (1998). Dissociable coordinate frames in unilateral spatial neglect: A Viewer-centered@ neglect. *Brain and Cognition*, *37*, 491-526.

19- Hillis, A. & **Rapp, B.** (1998). Unilateral spatial neglect in dissociable frames of reference: A comment on Farah, Brunn, Wong, Wallace, and Carpenter (1990). *Neuropsychologia*, *36*, 1257-1262.

18- **Rapp, B.**, Benzing, L. & Caramazza, A. (1997). The autonomy of lexical orthography. *Cognitive Neuropsychology*, *14*, 71-104.

17- **Rapp, B.** & Caramazza, A. (1997). The modality specific organization of grammatical categories: Evidence from impaired spoken and written sentence production. *Brain and Language*, *56*, 248-286.

- 16- **Rapp, B.** & McCloskey, M. (1997). Brain activation and sentence comprehension. *Science (letter)*, *275*, 912.
- 15- **Rapp, B.** & Caramazza, A. (1997). From graphemes to abstract letter shapes: Levels of representation in written spelling. *Journal of Experimental Psychology: Human Perception and Performance*, *23*, 1130-1152.
- 14- Badecker, W., **Rapp, B.** & Caramazza, A. (1996). Lexical morphology and the two orthographic routes. *Cognitive Neuropsychology*, *13*(2), 161-175.
- 13- Hillis, A.E., **Rapp, B.**, & Caramazza, A. (1995). Constraining claims about theories of semantic memory: More on unitary versus multiple semantics. *Cognitive Neuropsychology*, *12*, 175-186.
- 12- McCloskey, M., **Rapp, B.**, Yantis, S., Rubin, G., Bacon, W., Dagnelie, G., Gordon, B., Aliminosa, D., Boatman, D., Badecker, W., D. Johnson, Tusa, R., Palmer, E. (1995). A developmental deficit in localizing objects from vision. *Psychological Science*, *6*, 112-117.
- 11- **Rapp, B.** & Caramazza, A. (1994). Disorders of lexical processing and the lexicon. In M.S. Gazzaniga (Ed.), *The Cognitive Neurosciences*. Cambridge: MIT Press.
- 10- **Rapp, B.** & Caramazza, A. (1993). On the distinction between deficits of access and storage: A question of theory. *Cognitive Neuropsychology*, *10*(2), 113-141.
- 9- **Rapp, B.**, Hillis, A. & Caramazza, A. (1993). The role of representations in cognitive theory: More on multiple semantics and the agnosias. *Cognitive Neuropsychology*, *10*(3), 235-249.
- 8- **Rapp, B.** (1992). The nature of sublexical orthographic organization: The bigram trough hypothesis examined. *Journal of Memory and Language*, *31*, 33-53.
- 7- **Rapp, B.** & Caramazza, A. (1992). Cognitive neuropsychology: From impaired performance to normal cognitive structure. In, R. Lister & H. Weingartner (Eds.), *Cognitive Neuroscience*. Oxford University Press.
- 6- **Rapp, B.** & Caramazza, A. (1991). Lexical deficits. In M. Sarno (Ed.), *Acquired Aphasia*. New York: Academic Press.
- 5- **Rapp, B.** & Caramazza, A. (1991). Spatially determined deficits in letter and word processing. *Cognitive Neuropsychology*, *8*, 275-311.
- 4- Caramazza, A., Hillis, A., **Rapp, B.** & Romani, C. (1990). The multiple semantics hypothesis: Multiple confusions? *Cognitive Neuropsychology*, *7*(3), 161-189.
- 3- Hillis, A., **Rapp, B.**, Romani, C. & Caramazza, A. (1990). Selective impairment of semantics in lexical processing. *Cognitive Neuropsychology*, *7*(3), 191-243.
- 2- **Rapp, B.** & Caramazza, A. (1989). General to specific access to word meaning: A claim reexamined. *Cognitive Neuropsychology*, *6*(2), 251-272.
- 1- **Rapp, B.** & Caramazza, A. (1989). Letter processing in reading and spelling: Some dissociations. *Reading and Writing: An interdisciplinary Journal*, *1*, 13-33.

### **INVITED PRESENTATIONS**

- 2020            European Workshop on Neuropsychology. Rovereto, Italy.
- 2019            C-Star (Center for the Study of Aphasia Recovery). University of South Carolina. Columbia, SC.

2018 CIMEC (Center for Mind/Brain Sciences), University of Trento. Rovereto, Italy.

2017 Latin-American Society for Neuropsychology (keynote). Natal, Brazil.

2017 University of Marseille (keynote). Marseille, France.

2016 Workshop honoring Alfonso Caramazza. Rovereto, Italy.

2016 Psychology Department. University of Delaware. Newark, DE.

2016 Cognitive Science Program. Dartmouth University. Hanover, NH.

2016 Science of Learning Symposium. Johns Hopkins University. Baltimore, MD.

2015 Science of Aphasia. Aveiro, Portugal.

2015 Writing Words Workshop (keynote). Poitiers, France.

2015 Nanyang Technological University. Department of Psychology. Singapore.

2014 Villanova University. Program in Cognitive Science. Villanova, PA.

2013 Venice Summer School on Aphasia and Language Rehabilitation. IRRC San Camillo. Venice, Italy.

2013 NSF Workshop: Linking language and cognition to neuroscience via computation. Arlington, VA.

2013 Workshop on Pure Alexia. University of Copenhagen. Copenhagen, Denmark.

2013 Division of Speech and Hearing Sciences. Hong Kong University. Hong Kong.

2012 Eighth International Conference on the Mental Lexicon (Keynote). Montreal, Canada.

2012 7th Annual Eleanor M. Saffran Cognitive Neuroscience Conference. Temple University. Philadelphia, PA.

2012 University Seminar on Language and Cognition. Barnard College/Columbia University. NY, NY.

2011 Georgetown University. Program in Neuroscience. Washington, D.C.

2010 Pennsylvania State University. Center for Language Science. State College, PA.

2010 Northwestern University. Department of Linguistics/Program in Cognitive Science. Chicago, Ill.

2010 28<sup>th</sup> European Workshop on Cognitive Neuropsychology. Bressanone, Italy

2009 University of Pennsylvania. Brain and Language Speaker Series. Institute for Research in Cognitive Science. Philadelphia, Pa.

2008 Workshop on Auditory and Audiovisual Language Processing in Aphasia. University of Groningen, The Netherlands.

2007 10th Meeting of the Latin-American Society of Neuropsychology (Keynote). Buenos Aires, Argentina.

- 2007 University of Maryland, School of Medicine. Department of Neurology. Grand Rounds. Baltimore, Md.
- 2006 3<sup>rd</sup> International Workshop on Language Production. Chicago, Ill.
- 2006 National Association of Science Writers. 44<sup>th</sup> Annual New Horizons in Science Briefing. Baltimore, Md.
- 2004 University Pierre Mendes France Department of Psychology. Grenoble, France.
- 2004 24<sup>th</sup> European Conference on Cognitive Neuropsychology. Commemoration of 20<sup>th</sup> anniversary of the journal *Cognitive Neuropsychology*. Bressanone, Italy.
- 2003 British Neuropsychological Society (Keynote). London, England.
- 2003 University of Maryland. Cognitive Neuroscience lecture series. College Park, MD.
- 2002 University of Pennsylvania Institute for Research in Cognitive Science. Philadelphia, PA.
- 2002 2nd Meeting of the Australian Society of Neuropsychiatry and Neuropsychology (Keynote). Sydney, Australia.
- 2002 Royal Prince Alfred Hospital. Sydney, Australia.
- 2002 Macquarie University. MACCS (Macquarie Center for Cognitive Science). Sydney, Australia.
- 2002 Johns Hopkins School of Medicine. Dept. of Neurology. Cognitive Neurology Speaker Series. Baltimore, MD.
- 2001 University of Clermont-Ferrand. Department of Psychology. Clermont-Ferrand, France.
- 2001 The Science of Aphasia: From theory to therapy. Giens, France.
- 2001 5th Symposium on Psycholinguistics. Granada, Spain.
- 2000 University of La Laguna. Department of Psychology. Tenerife, Spain.
- 2000 20th European Workshop on Cognitive Neuropsychology. Bressanone, Italy.
- 1999 University of Wales. Department of Psychology. Bangor, Wales.
- 1998 Summer School on Brain, Mind and Consciousness. Motril, Spain.
- 1998 Summer School on Morphology. Poitiers, France.
- 1998 2<sup>nd</sup> International Workshop on Neural Modeling of Brain and Cognitive Disorders. College Park, MD.
- 1997 MIT. Department of Brain and Cognitive Sciences. Boston, MA.
- 1997 Harvard University. Department of Psychology. Boston, MA.
- 1997 Loyola College. Psi Chi Society. Baltimore, MD.

- 1997 Moss Rehabilitation Hospital. Philadelphia, Pa.
- 1997 Université Pierre-Mendès France. Department of Psychology, Grenoble, France.
- 1996 Cognitive Neuroscience Section, NIH. Bethesda, MD.
- 1996 HFSP Workshop on the Neural Basis of Written Language Codes. Bahia, Brazil.
- 1995 Hospitale San Rafaele. Workshop on Cognitive Neuropsychology. Milan, Italy.
- 1994 Max Planck Institute. Nijmegen, The Netherlands.
- 1994 National Institute of Neurology and Neurosurgery. International Workshop on Cognitive Neurology. Mexico City, Mexico.
- 1994 National Institute of Neurology and Neurosurgery. International Workshop on Cognitive Neurology. Mexico City, Mexico.
- 1993 SISSA Workshop in Theoretical Cognitive Neuropsychology. Trieste, Italy.
- 1993 University of Illinois. Department. of Psychology. Urbana, Illinois.
- 1993 Mid-Western Psychological Association. Chicago, Illinois.
- 1991 TENNET. Montreal, Canada.
- 1990 National Rehabilitation Hospital. Washington, D.C.
- 1989 Neurolinguistics Laboratory at Massachusetts General Hospital. Boston, MA.
- 1987 Fort Howard Veterans Administration Hospital. Fort Howard, MD.

### **INVITED LECTURER**

- 2019 ETSI (Emory Tibet Science Initiative; 2 weeks). Teaching neuroscience to Tibetan Buddhist monks. Gaden Monastery, Karnataka State, India.
- 2006 Department of Psychology. University of La Laguna. Tenerife, Spain. Graduate seminar (30 hours). Inter-University Ph.D. program in Cognitive Neuroscience.
- 2003 European Summer School: Diploma in Cognitive and Brain Sciences. Senior lecturer (5 hours). Delmenhorst, Germany.
- 2002 Department of Psychology, University of Barcelona. Graduate seminar (20 hours). Barcelona, Spain.
- 1999 Department of Psychology. University of Louvain-la-Neuve. Graduate seminar (16 hours). Louvain-la-Neuve, Belgium.
- 1999 Neuroscience Institute. Graduate seminar (12 hours). Guadalajara, Mexico.
- 1995 University of Mexico. Graduate seminar (12 hours). Mexico City, Mexico.

## **COMMUNITY PRESENTATIONS**

- 2017 Neuroscience Lecture. Bryn Mawr School for Girls. Baltimore, MD.  
2014 Zee Fambrough Speaker Series: Inaugural Lecture. St. Paul School for Girls. Baltimore, MD  
2014 YACC. Young Aphasia Communication Club. Anne Arundel County, Maryland.

## **CONFERENCE PRESENTATIONS**

- 2020 Wu CY, O'Brien B, Lin HY, Ilang Kumaran Y, Yeo MCL, Rapp B, McCloskey M, Oishi K, Desmond J, & Chen SHA. The 26th Annual Meeting of the Organization for Human Brain Mapping, Montreal, Canada.
- 2020 Lin HY, Wu CY, O'Brien B, Ilang Kumaran Y, Yeo MCL, Rapp B, McCloskey M, Oishi K, Desmond J, & Chen SHA. The 26th Annual Meeting of the Organization for Human Brain Mapping, Montreal, Canada.
- 2019 Purcell, J., Litovsky, C. & Rapp, B. Human Brain Mapping. Rome, Italy.  
2019 Tao, Y., & Rapp, B. Cognitive Neuroscience Society. San Francisco, CA.  
2019 Tao, Y, Rapp, B. & Tsapkini, B. Chicago, IL.  
2019 Neophytou, K., Wiley, R., Rapp, B. Tsapkini, K. Clinical Aphasiology Conference. Montana, USA.  
2019 Purcell, J., Shea, J., Pettozino, G., Wiley, R., Martin, R. & Rapp, B. Society for Neuroscience. Chicago, IL.
- 2019 Barbieri, E. et al. Academy of Aphasia. Macau (SAR), China.  
2019 Li, Donald, Tao, Y. & Rapp, B. Academy of Aphasia. Macau (SAR), China.  
2019 Purcell, J., Shea, J., Wiley, R., Pettozino, G. Martin, R. & Rapp, B. Academy of Aphasia. Macau (SAR), China.
- 2019 Wiley, R., Moss, N., Shea, J. & Rapp, B. Academy of Aphasia. Macau (SAR), China.  
2019 Neophytou, K., Wiley, R., Rapp, B. & Tsapkini, K. Academy of Aphasia. Macau (SAR), China.  
2019 Litovsky, C. & Rapp, B. Academy of Aphasia. Macau (SAR), China.  
2019 Billot, A. Rapp, B. .... Kiran, S. Academy of Aphasia. Macau (SAR), China.  
2019 Tao, Y. & Rapp, B. Society for the Neurobiology of Language. Helsinki, Finland.  
2019 Purcell, J., Wiley, R. & Rapp, B. Society for the Neurobiology of Language. Helsinki, Finland.  
2019 Dickerson, N., Wiley, R., Higgins, J., Caplan, D. Kiran, S., Parrish, T, Thompson, C. & Rapp, B. Society for the Neurobiology of Language. Helsinki, Finland.
- 2019 Litovsky, C. Dorjsuren, N., Walter, K. & Rapp, B. Society for the Neurobiology of Language, Helsinki, Finland.
- 2019 Bhattacharjee, S. et al. International Brain Stimulation Conference. Vancouver, Canada.  
2018 Tao, Y. & Rapp., B. Academy of Aphasia. Montreal, Canada.  
2018 Purcell, J., Wiley, R., & Rapp, B. Academy of Aphasia. Montreal, Canada.  
2018 Dickerson, N. et al. Academy of Aphasia. Montreal, Canada.  
2018 Neophytou, K. et al. Academy of Aphasia. Montreal, Canada.  
2018 Rapp, B. & Tao, Y. Society for the Neurobiology of Language. Quebec, Canada.  
2018 Purcell, J. & Rapp, B. Society for the Neurobiology of Language. Quebec, Canada.  
2018 Wu, C. et al. International Mind, Brain and Education Society. Los Angeles, CA.  
2018 Rofes, A. et al. Clinical Aphasiology Conference. Austin, TX.  
2017 Rapp, B. & Wiley, R. Academy of Aphasia. Baltimore, MD.  
2017 Tao, Y. & Rapp, B. Academy of Aphasia. Baltimore, MD.  
2017 Freund, M. Rapp, B. & Nozari, N. Academy of Aphasia. Baltimore, MD.  
2017 Purcell, J. & Rapp, B. Society for the Neurobiology of Language. Baltimore, MD.  
2017 Rapp, B., Purcell, J. & Martin, R. Society for the Neurobiology of Language. Baltimore, MD.  
2017 Wiley, R. & Rapp, B. Society for the Neurobiology of Language. Baltimore, MD.

- 2017 Tao, Y. & Rapp, B. Society for the Neurobiology of Language. Baltimore, MD.
- 2017 Li, D. & Rapp, B. Psychonomic Society. Vancouver, Canada.
- 2017 Martin, R. & Rapp, B. Psychonomic Society. Vancouver, Canada.
- 2017 Wiley, R. & Rapp, B. Cognitive Science Society. London, UK.
- 2017 Wiley, R. & Rapp, B. Society for Philosophy and Psychology. Baltimore, MD.
- 2017 Rapp, B., Park, S. Purcell, J. & Reese, M. Cognitive Neuroscience Society. San Francisco, CA.
- 2017 Tao, Y., Purcell, J. & Rapp, B. Cognitive Neuroscience Society. San Francisco, CA.
- 2016 Purcell, J. & Rapp. Society for Neuroscience. San Diego, CA.
- 2016 Purcell, J., Wiley, R. and Rapp, B. Academy of Aphasia. Llandudno, Great Britain..
- 2016 Breining, B. & Rapp, B. Academy of Aphasia. Llandudno, Great Britain.
- 2016 Rapp, B. Shea, J., Mis, R. & Martin, R. Shea, J. Academy of Aphasia. Llandudno, Great Britain.
- 2016 Wiley, R. & Rapp, B. Second Language Research Forum (SLRF). New York, NY.
- 2016 Wiley, R. & Rapp, B. American Educational Research Association (AERA). Washington, DC.
- 2016 Wiley, R. & Rapp, B. International Psychonomic Society. Granada, Spain.
- 2015 Rapp, B. Psychonomic Society. Chicago, IL
- 2015 Nozari, B., Freund, M., Breining, B. Rapp, B., Gordon, B. Psychonomic Society. Chicago, IL.
- 2015 Purcell, J. & Rapp. Neurobiology of Language. Chicago, IL
- 2015 Ellenblum, G., Purcell, J., Song, X., Wiley, R. & Rapp, B. Neurobiology of Language. Chicago, IL.
- 2015 Shea, J. Wiley, R., Ellenblum, G., Gotsch, D., Rapp, B. Academy of Aphasia. Tucson, AZ.
- 2015 Purcell, J. & Rapp, B. Academy of Aphasia. Tucson, AZ.
- 2015 Ellenblum, G. Purcell, J., Song, X. & Rapp, B. Academy of Aphasia. Tucson, AZ.
- 2015 Wiley, R., Wilson, C. & Rapp, B. Association for Psychological Science. NY, NY.
- 2015 Rothlein, D. & Rapp, B. Vision Sciences Society. Naples, FL.
- 2015 Ellenblum, G., Purcell, J. & Rapp, B. Cognitive Neuroscience Society. San Francisco, CA.
- 2015 Ellenblum, G. Purcell, J. & Rapp, B. Assembly and Disassembly of the Nervous System. Weizmann Institute of Science, Israel.
- 2014 Breining, B. & Rapp, B. Clinical Aphasiology Conference. St. Simons Island, GA.
- 2014 Purcell, J. Miceli, G. Capasso, R. and Rapp, B. Society for Neuroscience. Washington, DC.
- 2014 Rapp, B., Purcell, J., Capasso, R. & Miceli, G. Academy of Aphasia. Miami, FL.
- 2013 Purcell, J. & Rapp, B. Neurobiology of Language. San Diego, CA.
- 2013 Wiley, R. & Rapp, B. Psychonomics. Toronto, Canada.
- 2013 Breining, B. & Rapp, B. Psychonomics. Toronto, Canada.
- 2013 Schubert, T., Rapp, B. & McCloskey, M. Academy of Aphasia. Lucerne, Switzerland.
- 2013 Purcell, J. & Rapp, B. Academy of Aphasia. Lucerne, Switzerland.
- 2013 Rothlein, D & Rapp, B. Visual Sciences Society. Naples, Florida.
- 2012 Breining, B. & Rapp, B. Academy of Aphasia. San Francisco, Ca.
- 2012 Coffman, I & Rapp, B. Academy of Aphasia. San Francisco, Ca.
- 2012 McCloskey, M., Schubert, T., Rothlein, D., Rapp, B., Brandt, J., Sheng, X. Vision Sciences Society. Tampa, FL
- 2012 Coffman, I. & Rapp, B. International Workshop on Language Production. NY, NY.
- 2012 Fischer-Baum, S. & Rapp, B. AMLaP 2012. Riva del Garda, Italy.
- 2012 Cohen Goldberg, A. M., Cholin J., Rapp, B., & Miozzo, M. Workshop on Morphophonology. German Linguistic Society.
- 2011 Rawlins, K., Rapp, B., Sanchez, C. & Miozzo, M. NELS. Toronto. Canada.
- 2011 Wolmetz, M. & Rapp, B. Academy of Aphasia. Montreal, Canada.
- 2011 Rothlein, D. & Rapp, B. Psychonomics Society. Seattle, WA.
- 2011 Rothlein, D. & Rapp, B. Neurobiology of Language. Annapolis, MD.
- 2011 Schubert, R. & Rapp, B. Neurobiology of Language. Annapolis, MD.
- 2011 Breining, B. & Rapp, B. Neurobiology of Language. Annapolis, MD.
- 2011 Wolmetz, M. & Rapp, B. Neurobiology of Language. Annapolis, MD.
- 2011 Purcell, J., Turkeltaub, P., Rapp, B., Eden, G. Human Brain Mapping. Quebec, Canada.
- 2011 Rothlein, D. & Rapp, B. Cognitive Neuroscience Society. San Francisco, CA.
- 2010 Landau, B., Chen, M., Dillon, M.R., Beck, G., Rapp, B., & Yoshioka, T. Society for Neuroscience.



- San Diego, CA.
- 2010 Rapp, B. & Dufor, O. Neurobiology of Language. San Diego, CA.
- 2010 Miozzo, M., Shea, J. & Rapp, B. Neurobiology of Language. San Diego, CA.
- 2010 Miozzo, M. & Rapp, B. 48<sup>th</sup> Meeting of the Academy of Aphasia. Athens, Greece.
- 2010 Dufor, O. Rapp, B. 48<sup>th</sup> Meeting of the Academy of Aphasia. Athens, Greece.
- 2010 Dufor, O. & Rapp, B. Federation of European Societies of Neuropsychology. Amsterdam, The Netherlands.
- 2009 Rapp, B., McCloskey, M. Rothlein, D., Lipka, K. & Vindiola, M. Psychonomics Society. Boston, MA.
- 2009 Rapp, B. & Lipka, K. Neurobiology of Language Conference. Chicago, IL.
- 2009 Rapp, B. 47<sup>th</sup> Academy of Aphasia. Boston, MA.
- 2009 Fischer-Baum, S., McCloskey, M. & Rapp, B. Academy of Aphasia. Boston, MA.
- 2009 Tsapkini, K. & Rapp, B. Academy of Aphasia. Boston, MA.
- 2009 Wolmetz, K & Rapp, B. Academy of Aphasia. Boston, MA.
- 2008 Fischer-Baum, S. & Rapp, B. Academy of Aphasia. Turku, Finland.
- 2008 Goldberg, A., Buchwald, A. & Rapp, B. Academy of Aphasia. Turku, Finland.
- 2008 Rapp, B. & Lipka, K. Academy of Aphasia. Turku, Finland.
- 2008 Tsapkini, K. & Rapp, B. Academy of Aphasia. Turku, Finland.
- 2008 Wolmetz, M., Wilson, C. & Rapp, B. Academy of Aphasia. Turku, Finland.
- 2008 Yarmolinskaya, J. & Rapp, B. Academy of Aphasia. Turku, Finland.
- 2008 Yarmolinskaya, J. & Rapp, B. Conference on the Mental Lexicon. Banff, Canada.
- 2008 Costa, V., Fischer-Baum, S., Miceli, G. & Rapp, B. International Workshop on Language Production. Annapolis, MD.
- 2008 Yarmolinskaya, J.. & Rapp, B. International Workshop on Language Production. Annapolis, MD.
- 2007 Fischer-Baum, S., Rapp, B. & McCloskey, M. Psychonomics Society. Long Beach, Ca.
- 2007 Rapp, B. & Fischer-Baum, S. Psychonomics Society. Long Beach, Ca.
- 2007 Medina, J. & Rapp, B. Psychonomics Society. Long Beach, Ca.
- 2007 Fischer-Baum, S., McCloskey, M. & Rapp, B. Academy of Aphasia. Washington, D.C.
- 2007 Wolmetz, M., Rapp, B., & Poeppel, D. Academy of Aphasia. Washington, D.C.
- 2007 Goldberg, A., Cholin, J., Rapp, B., & Miozzo, M. Academy of Aphasia. Washington, D.C.
- 2007 Cholin, J., Goldberg, A., Bertz, J., Rapp, B., & Miozzo, M. Academy of Aphasia. Washington, D.C.
- 2007 Fischer-Baum, S. Pastor, T., & Rapp, B. Academy of Aphasia, Washington, D.C.
- 2006 Rapp, B., Fischer-Baum, S. and Barriere, I. Conference on the Mental Lexicon. Montreal, Canada.
- 2006 Rapp, B. Glucroft, B., & Tsapkini, K. Conference on the Mental Lexicon. Montreal, Canada.
- 2006 Tsapkini, K. and Rapp, B. Conference on the Mental Lexicon. Montreal, Canada.
- 2006 Tsapkini, K. and Rapp, B. Academy of Aphasia. Victoria, Canada.
- 2006 Buchwald, A. and Rapp, B. Academy of Aphasia. Victoria, Canada.
- 2006 Vindiola, M. and Rapp, B. Rodin Conference. Washington, D.C.
- 2006 Dessalegn, B., Rapp, B. and Landau, B. Rodin Conference. Washington, D.C.
- 2005 Goldberg, A. & Rapp, B. Psychonomics Society. Toronto, Canada.
- 2005 Goldberg, A. & Rapp, B. Academy of Aphasia. Amsterdam, The Netherlands.
- 2005 Barriere, I. & Rapp, B. Academy of Aphasia. Amsterdam, The Netherlands.
- 2005 Rapp, B. & Glucroft. Academy of Aphasia. Amsterdam, The Netherlands.
- 2005 Vindiola, M. & Rapp, B. Academy of Aphasia. Amsterdam, The Netherlands.
- 2005 Goldberg, A. & Rapp, B. Cognitive Science Society. Italy.
- 2004 Vindiola, M. & Rapp, B. Regional Conference on Advances in Clinical Auditory Neuroscience: Brain Mapping. Baltimore, MD.
- 2004 Buchwald, A. Smolensky, P. & Rapp, B. Psychonomic Society. Minneapolis, MN.
- 2004 Buchwald, A. & Rapp, B. Academy of Aphasia. Chicago, Illinois.
- 2004 Goldrick, A., Folk, J. & Rapp, B. Academy of Aphasia. Chicago, Illinois.
- 2004 Hsieh, L. & Rapp, B. Academy of Aphasia. Chicago, Illinois.
- 2004 Menichelli, A., Semenza, C. & Rapp, B. Academy of Aphasia. Chicago, Illinois.
- 2003 Buchwald, A. & Rapp, B. The orthographic representation of consonant/vowel status. Psychonomic Society. Vancouver, Canada.

- 2003 Buchwald, A. & Rapp, B. The orthographic representation of consonant/vowel status: Evidence from two cases of acquired dysgraphia. Academy of Aphasia. Vienna, Austria.
- 2003 Rapp, B. Differential effects of remediation of spelling deficits. Aphasia workshop: Current approaches to aphasia therapy-principles and applications. Vienna, Austria.
- 2003 Rapp, B. & Hsieh, L. Functional magnetic resonance imaging of the cognitive components of the spelling process. Human Brain Mapping. New York, NY.
- 2002 Rapp, B. & Kong, D. Revealing the component functions of the graphemic buffer. Academy of Aphasia. New York, NY.
- 2002 Folk, J. & Rapp, B. Slips of the pen and the internal structure of graphemic representations 43<sup>rd</sup> Annual Meeting of the Psychonomic Society. Kansas City, KS.
- 2002 Rapp, B. & Hsieh, L. Functional magnetic resonance imaging of the cognitive components of the spelling process. Cognitive Neuroscience Society Meeting. San Francisco, CA.
- 2002 Medina, J. & Rapp, B. The plasticity of somatosensory representations following cerebral lesions in adult humans. The Cognitive Neuroscience Society Meeting. San Francisco, CA.
- 2001 Kane, A. & Rapp, B. Remediation of deficits affecting different components of the spelling process. 31<sup>st</sup> Clinical Aphasiology Conference. Santa Fe, NM.
- 2001 Goldrick, M. & Rapp, B. Mrs. Malaprop's neighborhood: Using word errors to reveal neighborhood structure 42<sup>nd</sup> Annual Meeting of the Psychonomic Society. Orlando, FL.
- 2001 Goldrick, M. & Rapp, B. Mrs. Malaprop's neighborhood: Using word errors to reveal neighborhood structure Academy of Aphasia. Boulder, CO.
- 2000 Goldrick, M. & Rapp, B. Using Malapropisms to reveal neighborhood structure. 2<sup>nd</sup> International Conference on the Mental Lexicon. Montreal, Canada.
- 2000 Hendel, S., Rapp, B., Vega-Bermudez, F. & Hsiao, S. Plasticity in somatosensory representation subsequent to cortical damage. 41<sup>st</sup> Annual Meeting of the Psychonomics Society. New Orleans, Louisiana.
- 2000 Tainturier, M.J., Bosse, M.L. Valdois, S., Rapp, B.C. Lexical neighborhood effects in pseudoword spelling. 41<sup>st</sup> Annual meeting of the Psychonomic Society. New Orleans, Louisiana.
- 2000 Folk, J., Rapp, B. & Kane, A. The purpose of lexical/sublexical interaction in spelling: Evidence from articulatory suppression. The Academy of Aphasia. Montreal, Canada.
- 2000 Folk, J. & Rapp, B. Lexical-sublexical interaction in spelling: enhancing a target's competitive edge. 41<sup>st</sup> Annual Meeting of the Psychonomics Society. New Orleans, Louisiana.
- 2000 Tainturier, M.J., Egan, J. & Rapp, B. Structure and texture in graphemic representations: Further evidence from dysgraphia. The Academy of Aphasia. Montreal, Canada.
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