

Brenda Rapp

Department of Cognitive Science
Johns Hopkins University
Baltimore, MD 21218
work (410) 516-5248
e-mail: brapp1@jhu.edu

EDUCATION

B.S. (1979) Special Education. University of Maryland (College Park, MD)
M.A. (1987) Psychology. Johns Hopkins University (Baltimore, MD)
Ph.D. (1990) Psychology. Johns Hopkins University (Baltimore, MD)

PROFESSIONAL SOCIETIES

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

PROFESSIONAL EXPERIENCE

2003-present Professor. Cognitive Science Department, Johns Hopkins University.
2023-present Secondary Appointment. Department of Neurology. Johns Hopkins Medical Institutions.
2000-2003 Associate Professor. Cognitive Science Department, Johns Hopkins University.
2000-present Secondary Appointment. Department of Neuroscience, Johns Hopkins University.
1998-present Joint Appointment. Department of Psychological and Brain Sciences, Johns Hopkins University.
2011-2018 Chair. Cognitive Science Department. 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. Edgemoade Residential Treatment Center (Croom, MD).
1977-1978 Teacher of English as a 2nd Language. National Language Institute (Ceuta, Spain).
1975-1977 Teacher of English as a 2nd Language. Berlitz. (Madrid, Spain).
1975-1977 Learning Disabilities Teacher. Study Center Foundation (Madrid, Spain).

GRANTS/FUNDING

Co-Investigator. NEI RO1EY033340. (PI: Marina Bedny). Neural basis of braille literacy in blind adults and children. (3/2022-3/28/2027).

Principal Investigator. Cognitive and neural bases of spoken and written word learning. Therapeutic Cognitive Neuroscience Fund, Johns Hopkins Division of Cognitive Neurology/Neuropsychology. (5/1/22-4/30/25).

Co-Investigator. NIA RO1AG06881. (PI: Kyrana Tsapkini) Transcranial direct current stimulation in

typical and atypical Alzheimer's disease. (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).

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

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

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. (PI: Michele Miozzo). 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-Investigator. NIH grant DC01423-01. (PI: Caramazza) 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. (PI: Alfonso Caramazza) Mechanisms of Neglect Dyslexia (4/96-3/01).

Co-Principal Investigator. ARASSH (France). (PI : Marie-Joséphine Tainturier) Production de L'écriture (7/97-7/00).

HONORS

- Doctor Honoris Causa, Catholic University of Louvain, Belgium
- Fellow of the Society of Experimental Psychology
- Fellow of the Psychonomic Society
- Fellow of the Academy of Aphasia
- Phi Beta Kappa (President JHU Chapter 2023, 2024)
- Secretary, Society for the Neurobiology of Language (2017-2020)

- Chair, Board of Governors, Academy of Aphasia (2008-2011)
- Board of Governors, Academy of Aphasia (2006-2008, 2012-2014)

Advisory Boards

- 2022-present: Dysgraphia Life; Research Advisory Board
- 2012-2024: 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: *Acta Psychologica, Aphasiology, Behavioral Neurology, Brain, Brain and Cognition, Brain and Language, Cognition, Cognitiva (Spanish language), 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, Psychological Review, 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* 2014-2019
- Editorial Board of *Cognitive Neuropsychology*, 2000-2010
- Associate Editor (Spanish language) *Cognitiva*, 2000-2006

External (international) 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., for full professor)

- 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

- 2022 Internal Review Committee Chair. Dept. of Computer Science. Johns Hopkins University.
2020 External Review Committee Member. Program in Cognitive Science. Dartmouth College.

Conference organization:

- Symposium. “Orthographic processing and deficits in Asian orthographies.” Academy of Aphasia, 2024. Nara, Japan.
- 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
- 5th 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; Agence France-Presse, Reuters, Daily Mail, Time, Associated Press, WJLA, Today Show (Australia); Grid News

UNIVERSITY LEADERSHIP

- 2021-2022 Provost’s Ad Hoc Committee on Evaluation of Faculty Teaching and Mentoring
2020-2022 Homewood Academic Council. Elected faculty representative (Natural Sciences). Johns Hopkins University
2010-2013 Chair, Doctor of Philosophy Board. Johns Hopkins University

PUBLICATIONS

Books and Special Issues

Freud, E., Gilboa, A. & **Rapp, B.** (Eds). (in progress). *Case Studies in Modern Neuroscience: Bridging Tradition and Innovation*. Special Issue of *Neuropsychologia*.

Rapp, B. (Ed). (in progress). *Orthographic processing and disorders in Asian Orthographies*. Special Issue of *Cognitive Neuropsychology*.

Rapp, B. & McCloskey, M. (2017). *Developmental Dysgraphia and the Acquisition of Spelling and Writing*. Special Issue of *Cognitive Neuropsychology*. Routledge.

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*

Articles and Chapters

- 146- Bhattacharjee, S., Sivakumar, P.T., Venkatasubramanian, G., Bharat, J.R; Oishi, K., **Rapp, B.**, Desmond, J., Chen, S.H., Sathyaprabha, T.N. & Udupa, K., Kashyap, R. (in press). Personalized Dosing of Transcranial Direct Current Stimulation -Behavioral and Neurophysiological Outcomes. *JAMA Network Open*.
- 145- Sagi, R., Jossinger, S., Taylor, J.H.S., Neophytou, K., **Rapp, B.**, Rastle, K. and Ben-Shachar, M. (in press). Cerebello-cerebral pathways contribute to written word production. *Neurobiology of Language*.
- 144- Bhattacharjee S., Kashyap, R., Sivakumar, R.P.T., Venkatasubramanian G., Oishi K., Tsapkini, K., Chen S.H., **Rapp, B.**, Desmond, J., Sathyaprabha, T.N., and Udupa K. (2025). The Role of Structural and Functional Parameters in Designing Pathology-Specific tDCS Protocols for Primary Progressive Aphasia. *Alzheimer's Research and Therapy*.
- 143- Purcell, J., Wiley, R., Shea, J., Rosenberg, S., Martin, R. & **Rapp, B.** (2025). Lesion mapping of the spelling system's central cognitive functions. *Journal of Cognitive Neuroscience*, 37(1), 185-209.
- 142- Bhattacharjee, S., Kashyap, R., Kaviraja, U., Bashir, S., Venkatsubramanian, F., Oishi, K., Desmond, J., **Rapp, B.**, Chen, S.H. (2024). Alignment of Behaviour and tDCS Stimulation Site Induces Maximum Response: Evidence from Online tDCS and ERP. *Scientific Reports*, 14, 19715, <https://doi.org/10.1038/s41598-024-68691-2>.
- 141- Neophytou, K., Wiley, R., Litovsky, C., Tsapkini, K., **Rapp, B.** (2024). Cognitive control in written word production. *Frontiers in Language Science*, 3, 1398125.
- 140- Tao, Y., Schubert, T., Wiley, R., Stark, C., & **Rapp, B.** (2024). Cortical and subcortical mechanisms of orthographic word-form learning. *Journal of Cognitive Neuroscience*, 36 (6) 1071-1098.
- 139- Sagi, R., Taylor, J., Neophytou, K., Cohen, T., **Rapp, B.**, Rastle, K. & Ben-Shachar, M. (2024). White matter associations with spelling. *Brain Structure and Function*. <https://doi.org/10.1007/s00429-027-024-02775-7>.
- 138- Tao, Y. & **Rapp, B.** (2024). Neurocognitive mechanisms of spelling. In, *Encyclopedia of the Human Brain, 2nd Edition*. J. Binder, section editor. Elsevier.
- 137- Liu, Yun-Fei, **Rapp, B.**, & Bedny, M. (2023). Reading braille by touch recruits posterior parietal cortex. *Journal of Cognitive Neuroscience*, 35:10, 1593 -1616.
- 136- Neophytou, K., Wiley, R., Litovsky, C., Tsapkini, K., & **Rapp, B.** (2023). The right hemisphere's capacity for language: Evidence from Primary Progressive Aphasia. *Cerebral Cortex*, 33:18, 9971-9985.
- 135- Billot, A., Thiebaut de Schotten, M., Thompson, C., **Rapp, B.**, Parish, T., Caplan, D., & Kiran, S. (2022). Structural disconnections associated with language impairments in chronic post-stroke aphasia using disconnectome maps. *Cortex*, 155, 90-106.
- 134- Tao, Y., Tsapkini, K. & **Rapp, B.** (2022). Inter-hemispheric synchronicity and symmetry: The functional connectivity consequences of stroke and neurodegenerative disease. *NeuroImage: Clinical*, 36: 103263. <https://doi.org/10.1016/j.nicl.2022.103263>

- 133- Billot, A., Lai, S. Varkanitsa, M. Braun, E., **Rapp, B.**, Parish, T., Higgins, J., Kurani, A.S., Caplan, D., Thompson, C., Ishwar, P, Betke, M. & Kiran, S. (2022). Multimodal neural and behavioral data predict response to treatment in post-stroke aphasia. *Stroke*, 53, 1606-1614.
- 132- Bhattacharjee, S., Kashyap, R. Goodwill, A.M. O'Brien, B.A, **Rapp, B.**, Oishi, K., Desmond, J.E., Chen, A. (2022). Sex difference in tDCS current mediated by changes in cortical anatomy: A study across young, middle-aged and older adults. *Brain Stimulation*, 15, 1; 125-140.
- 131- Purcell, J., **Rapp, B.** & Martin, R. (2021). Distinct neural substrates support phonological and orthographic working memory: Implications for theories of working memory. *Frontiers in Neurology*, 12, 681141. doi: [10.3389/fneur.2021.681141](https://doi.org/10.3389/fneur.2021.681141)
- 130- Tao, Y., Ficek, B., **Rapp, B.**, & Tsapkini, K. (2021). Selective functional network changes following tDCS-augmented language treatment in Primary Progressive Aphasia. *Frontiers in Aging Neuroscience*, <https://doi.org/10.3389/fnagi.2021.681043>.
- 129- Wiley, R. & **Rapp, B.** (2021). The effects of handwriting experience on literacy learning. *Psychological Science*, 32, 7, 1086-1103.
- 128- Tao, Y. & **Rapp, B.** (2021). Investigating the network consequences of focal brain lesions through comparisons of real and simulated lesions. *Scientific Reports*, 11, 2213, <https://doi.org/10.1038/s41598-021-81107-9>
- 127- Li, D., Law, S-L, Lau, D, & **Rapp, B.** (2021). Functional orthographic units in Chinese character reading: Are there abstract radical identities? *Psychological Bulletin and Review*, 28, 610-623.
- 126- Bhattacharjee S., Kashyap, R., O'Brien, B.A, McCloskey M., Oishi K., Desmond J., **Rapp B.**, Chen, A. (2020). 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*, 210, 104850.
- 125- Tao, Y., Ficek, B., **Rapp, B.** & Tsapkini, K. (2020). Different patterns of functional network re-organization across the variants of primary progressive aphasia: A graph theoretic analysis. *Neurobiology of Aging*, 96, 184-196.
- 124- Themistocleous, D. Neophytou, K., **Rapp, B.** & Tsapkini, K. (2020). A tool for automatic scoring of spelling performance. *Journal of Speech, Language and Hearing Research*, 63, 12, 4179-4192.
- 123- Shea, J., Wiley, R., Moss, N., & **Rapp, B.** (2020). Pseudoword spelling ability predicts response to word spelling treatment in acquired dysgraphia. *Neuropsychological Rehabilitation*, DOI: [10.1080/09602011.2020.1813596](https://doi.org/10.1080/09602011.2020.1813596)
- 122- Tao, Y. & **Rapp, B.** (2020). How functional network connectivity changes as a result of lesion and recovery: An investigation of the network phenotype of stroke. *Cortex*, 131, 17-41.
- 121- Higgins, J., Barbieri E., Wang X., Mack, J., Caplan, D., Kiran S., **Rapp B.**, Thompson, C, Zinbarg R., Parrish, T. (2020). Reliability of BOLD signals in chronic stroke-induced aphasia. *European Journal of Neuroscience*, 201, 3, 253-255. <https://doi.org/10.1111/ejn.14739>
- 120- Martin, R., **Rapp, B.** & Purcell, J. (2020). 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- 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.
- 109- 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,
- 108- **Rapp, B.** (2019). Writing research in the 21st century. In, C. Perret and T. Olive (Eds.), *Writing words: Psychological and neuropsychological approaches*. Leiden: Brill.
- 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*, 45(6), 1093-1106.
- 106- 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.
- 105- Purcell, J.J. & **Rapp, B.** (2018). Local response heterogeneity indexes experience-based neural differentiation in reading. *NeuroImage*, 183, 200-211.
- 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). Intra-hemispheric perfusion in chronic stroke-induced aphasia. *Neural Plasticity*.
<https://doi.org/10.1155/2017/2361691>
- 99- Breining, B. & **Rapp, B.** (2017). 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 Zubizaray, 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- Purcell, J. & **Rapp, B.** (2017). Disorders of written expression. Wenzel, A. (Ed.). In, *Encyclopedia of Abnormal and Clinical Psychology*. Thousand Oaks, CA: SAGE Publications.
- 94- 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
- 93- 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.
- 92- **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.
- 91- 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.
- 90-Nickels, L. **Rapp, B.** & Kohnen, S. (2015). Challenges in the use of treatment to investigate cognition. *Cognitive Neuropsychology*, 32 (3/4), 91-104.
- 89- **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.
- 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 Psychology*, 4, 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*, 3rd 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., Alimososa, 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 Aphasias*. 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*

INVITED TALKS

- 2024 British Neuropsychological Society. London, UK.
- 2022 Rice University, Department of Psychology. Houston, USA.
- 2021 Argentinian Neuropsychology Society (keynote). Buenos Aires, Argentina.
- 2021 British Aphasiology Society (keynote). Newcastle, UK.
- 2021 Moss Rehabilitation Institute. Philadelphia, USA.
- 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, USA.
- 2016 Cognitive Science Program. Dartmouth University. Hanover, USA.
- 2016 Science of Learning Symposium. Johns Hopkins University. Baltimore, USA.
- 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, USA.
- 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, USA.
- 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, USA.
- 2012 University Seminar on Language and Cognition. Barnard College/Columbia University. NY, USA.
- 2011 Georgetown University. Program in Neuroscience. Washington, D.C., USA
- 2010 Pennsylvania State University. Center for Language Science. State College, PA.
- 2010 Northwestern University. Department of Linguistics/Program in Cognitive Science. Chicago, USA.
- 2010 28th European Workshop on Cognitive Neuropsychology. Bressanone, Italy
- 2009 University of Pennsylvania. Brain and Language Speaker Series. Institute for Research in Cognitive Science. Philadelphia, USA.
- 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, USA.
- 2006 3rd International Workshop on Language Production. Chicago, USA.
- 2006 National Association of Science Writers. 44th Annual New Horizons in Science Briefing. Baltimore, USA.
- 2004 University Pierre Mendes France Department of Psychology. Grenoble, France.
- 2004 24th European Conference on Cognitive Neuropsychology. Commemoration of 20th 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, USA.
- 2002 University of Pennsylvania Institute for Research in Cognitive Science. Philadelphia, USA.
- 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, USA.
- 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 2nd International Workshop on Neural Modeling of Brain and Cognitive Disorders. College Park, USA.
- 1997 MIT. Department of Brain and Cognitive Sciences. Boston, USA.
- 1997 Harvard University. Department of Psychology. Boston, USA.
- 1997 Loyola College. Psi Chi Society. Baltimore, USA.
- 1997 Moss Rehabilitation Hospital. Philadelphia, USA.
- 1997 Université Pierre-Mendès France. Department of Psychology, Grenoble, France.
- 1996 Cognitive Neuroscience Section, NIH. Bethesda, USA.
- 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, USA.
- 1993 Mid-Western Psychological Association. Chicago, USA.
- 1991 TENNET. Montreal, Canada.
- 1990 National Rehabilitation Hospital. Washington, D.C., USA
- 1989 Neurolinguistics Laboratory at Massachusetts General Hospital. Boston, USA.

1987 Fort Howard Veterans Administration Hospital. Fort Howard, USA.

INVITED LECTURER

- 2019 ETSI (Emory Tibet Science Initiative). Teaching neuroscience to Tibetan Buddhist monks (2 weeks). 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

- 2022 Dysgraphia Life, Webinar: “Understanding your child’s dysgraphia: A cognitive science perspective”
- 2022 Partners Resource Network Webinar “Understanding your child’s dysgraphia”
- 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

- 2025
- Xu, A., Tippett, D., Wiley, R. Tsapkini, A. & Rapp, B. American Psychological Society. Washington, DC.
 - Rapp, B., Tao, Y. Singh, S, Shea, J & Wiley, R. Academy of Aphasia. San Diego, CA.
 - Xu, A., Tippett, D., Wiley, R. Tsapkini, A. & Rapp, B. Academy of Aphasia. San Diego, CA.
 - Singh, S., Wiley, R., Tao, Y., Shea, J. & Rapp, B. Academy of Aphasia. San Diego, CA.
 - Rapp, B., Tao, Y., Shea, J. Wiley, R. & McCloskey, M. Society for the Neurobiology of Language. Washington, D.C
 - Singh, S., Two, Y., Rapp, B. & Wiley, R. Society for the Neurobiology of Language. Washington, D.C
 - Wiley, R., Tao, Y., Singh, S. & Rapp, B. Society for the Neurobiology of Language. Washington, D.C
 - Xu, A., Tippett, D., Wiley, R. Tsapkini, A. & Rapp, B. Society for the Neurobiology of Language. Washington, D.C.
 - Xu, A., Tippett, D. Wiley, R. Tsapkini, A. & Rapp, B. 12th Asia Pacific International Conference on Speech, Language, and Hearing Conference 2025. Thailand.
- 2024
- Li, D., Wong, W., Su M. & Rapp, B. Psychonomics Society. New York City, USA.
 - Xu., A. Tippett, K., Rapp, B. & Tsapkini, K. Psychonomics Society. New York City, USA.

- Tao, Y., Rapp, B. & Tsapkini, K. Academy of Aphasia. Nara, Japan.
 - Rapp, B., Wiley, R., Singh, S. and Shea, J. Psychonomics Society. New York City, USA.
 - Singh, S., Wiley, R., Tao, Y. Shea, J/ & Rapp, B. Psychonomics Society. New York City, USA.
 - Sagi, R. Rapp, B. & Ben-Shachar, M. Society for the Neurobiology of Language. Brisbane, Australia.
 - Xu, A., Tippett, D., Rapp, B. & Tsapkini, K. Academy of Aphasia. Nara, Japan.
 - Sagi, R. Rapp, B. & Ben-Shachar, M. Academy of Aphasia. Nara, Japan.
 - Wiley, R., Singh, S., Shea, J. & Rapp, B. American Education Research Association (AERA). Philadelphia, PA.
 - Singh, S., Wiley R., Shea, J. & Rapp, B. Eastern Psychological Society. Philadelphia, PA.
- 2023
- Neophytou, K. & Rapp, B. Academy of Aphasia. Reading, England.
 - Neophytou, K., Tsapkini, K., & Rapp, B. Society for the Neurobiology of Language. Marseilles, France.
 - Rapp, B., Tao, Y., Schubert, T., Wiley, R., & Stark, C. Society for the Neurobiology of Language. Marseilles, France.
 - Sagi, R., Jossinger, S., Taylor, J.S.H., Neophytou, K., Rapp, B., Rastle, K. & Ben-Shachar, M. Society for the Neurobiology of Language. Marseilles, France.
 - Rapp, B., Wiley, R., Shea, J. & McCloskey, M. Writing Words Workshop. Pottsdam, Germany
 - Rapp, B., Tao, Y., Wiley, R., Stark, C. Writing Words Workshop. Pottsdam, Germany.
 - Rapp, B., Wiley, R., Shea, J. & McCloskey, M. American Psychological Society. Washington, D.C.
 - Tao, B., Wiley, R., Stark, C. & Rapp, B. Cognitive Neuroscience Society, San Francisco, CA.
- 2022
- Rapp, B. Cognitive Neuroscience Society. San Francisco, CA.
 - Tao, Y., Tsapkini, K. & Rapp, B. Cognitive Neuroscience Society. San Francisco, CA.
 - Rapp, B., Wiley, R., Shea, J. & McCloskey, M. Psychonomic Society. Boston, MA.
 - Rapp, B., Wiley, R., Shea, J. & McCloskey, M. International Workshop of Language Production. Pittsburgh, PA.
 - Tao, Y., Tsapkini, K. & Rapp, B. Academy of Aphasia. Philadelphia, PA.
 - Neophytou, K, Tsapkini, K. & Rapp, B. Academy of Aphasia. Philadelphia, PA.
 - Tao, Y., Tsapkini, K. & Rapp, B. Society for the Neurobiology of Language. Philadelphia, PA.
 - Sagi, R., Taylor, J.S.H., Neophytou, K., Rapp, B., Rastle, K. & Ben-Shachar, M. Society for the Neurobiology of Language. Philadelphia, PA.
 - Tao, Y., Tsapkini, K. & Rapp, B. Cognitive Neuroscience Society. San Francisco, CA.
- 2021
- Wiley, R., Kiran, S., Parish, T., Caplan, D., Thompson, C., and Rapp, B. Academy of Aphasia.
 - Litovsky, C. and Rapp, B. Psychonomic Society. (virtual)
 - Litovsky, C. and Rapp, B. Academy of Aphasia. (virtual)
 - Neophytou, K., Wiley, R., Tsapkini, K, and Rapp, B. Academy of Aphasia. (virtual)
 - Neophytou, K., Rapp, B. British Aphasiology Society. (virtual)
- 2020
- Wiley, R., Dickerson, N., Higgins, J. Caplan, D., Kiran, S., Parrish, T., Thompson, C. & Rapp, B. Society for the Neurobiology of Language. (virtual).
 - Neophytou, K., Wiley, R., Rapp, B., Tsapkini, K. Society for the Neurobiology of Language (virtual)
 - Tao, Y. Rapp, B., & Tsapkini, K. Society for the Neurobiology of Language. (virtual).
 - Neophytou, K., Themistocleous, C., Rapp, B. Tsapkini, K. Academy of Aphasia. (virtual)
 - Tao, Y. Tsapkini, K. & Rapp, B. Academy of Aphasia. (virtual)
 - 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.
 - 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.
 - 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.
- Tao, Y., & Rapp, B. Cognitive Neuroscience Society. San Francisco, USA.
- Tao, Y, Rapp, B. & Tsapkini, B. Society for Neuroscience. Chicago, USA.
- Neophytou, K., Wiley, R., Rapp, B. Tsapkini, K. Clinical Aphasiology Conference. Montana, USA.
- Purcell, J., Shea, J., Pettozzino, G., Wiley, R., Martin, R. & Rapp, B. Society for Neuroscience. Chicago, IL.
- Barbieri, E. et al. Academy of Aphasia. Macau (SAR), China.
- Li, Donald, Tao, Y. & Rapp, B. Academy of Aphasia. Macau (SAR), China.
- Purcell, J., Shea, J., Wiley, R., Pettozzino, G. Martin, R. & Rapp, B. Academy of Aphasia. Macau (SAR), China.
- Wiley, R., Moss, N., Shea, J. & Rapp, B. Academy of Aphasia. Macau (SAR), China.
- Neophytou, K., Wiley, R., Rapp, B. & Tsapkini, K. Academy of Aphasia. Macau (SAR), China.
- Litovsky, C. & Rapp, B. Academy of Aphasia. Macau (SAR), China.
- Billot, A. Rapp, B. Kiran, S. Academy of Aphasia. Macau (SAR), China.
- Tao, Y. & Rapp, B. Society for the Neurobiology of Language. Helsinki, Finland.
- Purcell, J., Wiley, R. & Rapp, B. Society for the Neurobiology of Language. Helsinki, Finland.
- Dickerson, N., Wiley, R., Higgins, J., Caplan, D. Kiran, S., Parrish, T, Thompson, C. & Rapp, B. Society for the Neurobiology of Language. Helsinki, Finland.
- Litovsky, C. Dorjsuren, N., Walter, K. & Rapp, B. Society for the Neurobiology of Language, Helsinki, Finland.
- Bhattacharjee, S. et al. International Brain Stimulation Conference. Vancouver, Canada.

2018

- Tao, Y. & Rapp., B. Academy of Aphasia. Montreal, Canada
- Purcell, J., Wiley, R., & Rapp, B. Academy of Aphasia. Montreal, Canada.
- Dickerson, N. et al. Academy of Aphasia. Montreal, Canada.
- Neophytou, K. et al. Academy of Aphasia. Montreal, Canada.
- Rapp, B. & Tao, Y. Society for the Neurobiology of Language. Quebec, Canada.
- Purcell, J. & Rapp, B. Society for the Neurobiology of Language. Quebec, Canada.
- Wu, C. et al. International Mind, Brain and Education Society. Los Angeles, CA. Rofes, A. et al. Clinical Aphasiology Conference. Austin, TX.

2017

- Rapp, B. & Wiley, R. Academy of Aphasia. Baltimore, MD.
- Tao, Y. & Rapp, B. Academy of Aphasia. Baltimore, MD.
- Freund, M. Rapp, B. & Nozari, N. Academy of Aphasia. Baltimore, MD.
- Purcell, J. & Rapp, B. Society for the Neurobiology of Language. Baltimore, MD.
- Rapp, B., Purcell, J. & Martin, R. Society for the Neurobiology of Language. Baltimore, MD.
- Wiley, R. & Rapp, B. Society for the Neurobiology of Language. Baltimore, MD.
- Tao, Y. & Rapp, B. Society for the Neurobiology of Language. Baltimore, MD.
- Li, D. & Rapp, B. Psychonomic Society. Vancouver, Canada.
- Martin, R. & Rapp, B. Psychonomic Society. Vancouver, Canada.
- Wiley, R. & Rapp, B. Cognitive Science Society. London, UK.
- Wiley, R. & Rapp, B. Society for Philosophy and Psychology. Baltimore, MD.
- Rapp, B., Park, S. Purcell, J. & Reese, M. Cognitive Neuroscience Society. San Francisco, CA.
- Tao, Y., Purcell, J. & Rapp, B. Cognitive Neuroscience Society. San Francisco, CA.

2016

- Purcell, J. & Rapp. Society for Neuroscience. San Diego, CA.
- Purcell, J., Wiley, R. and Rapp, B. Academy of Aphasia. Llandudno, Great Britain..
- Breining, B. & Rapp, B. Academy of Aphasia. Llandudno, Great Britain.
- Rapp, B. Shea, J., Mis, R. & Martin, R. Shea, J. Academy of Aphasia. Llandudno, Great Britain
- Wiley, R. & Rapp, B. Second Language Research Forum (SLRF). New York, NY.

- Wiley, R. & Rapp, B. American Educational Research Association (AERA). Washington, DC.
 - Wiley, R. & Rapp, B. International Psychonomic Society. Granada, Spain.
- 2015
- Rapp, B. Psychonomic Society. Chicago, IL
 - Nozari, B., Freund, M., Breining, B. Rapp, B., Gordon, B. Psychonomic Society. Chicago, IL.
 - Purcell, J. & Rapp. Neurobiology of Language. Chicago, IL
 - Ellenblum, G., Purcell, J., Song, X., Wiley, R. & Rapp, B. Neurobiology of Language. Chicago, IL
 - Shea, J. Wiley, R., Ellenblum, G., Gotsch, D., Rapp, B. Academy of Aphasia. Tucson, AZ.
 - Purcell, J. & Rapp, B. Academy of Aphasia. Tucson, AZ.
 - Ellenblum, G. Purcell, J., Song, X. & Rapp, B. Academy of Aphasia. Tucson, AZ.
 - Wiley, R., Wilson, C. & Rapp, B. Association for Psychological Science. NY, NY.
 - Rothlein, D. & Rapp, B. Vision Sciences Society. Naples, FL.
 - Ellenblum, G., Purcell, J. & Rapp, B. Cognitive Neuroscience Society. San Francisco, CA.
 - 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.
 - Purcell, J. Miceli, G. Capasso, R. and Rapp, B. Society for Neuroscience. Washington, DC.
 - Rapp, B., Purcell, J., Capasso, R. & Miceli, G. Academy of Aphasia. Miami, FL.
- 2013
- Purcell, J. & Rapp, B. Neurobiology of Language. San Diego, CA.
 - Wiley, R. & Rapp, B. Psychonomics. Toronto, Canada.
 - Breining, B. & Rapp, B. Psychonomics. Toronto, Canada.
 - Schubert, T., Rapp, B. & McCloskey, M. Academy of Aphasia. Lucerne, Switzerland.
 - Purcell, J. & Rapp, B. Academy of Aphasia. Lucerne, Switzerland.
 - Rothlein, D & Rapp, B. Visual Sciences Society. Naples, Florida.
- 2012
- Breining, B. & Rapp, B. Academy of Aphasia. San Francisco, Ca.
 - Coffman, I & Rapp, B. Academy of Aphasia. San Francisco, Ca.
 - McCloskey, M., Schubert, T., Rothlein, D., Rapp, B., Brandt, J., Sheng, X. Vision Sciences Society. Tampa, F
 - Coffman, I. & Rapp, B. International Workshop on Language Production. NY, NY.
 - Fischer-Baum, S. & Rapp, B. AMLaP 2012. Riva del Garda, Italy.
 - 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.
 - Wolmetz, M. & Rapp, B. Academy of Aphasia. Montreal, Canada.
 - Rothlein, D. & Rapp, B. Psychonomics Society. Seattle, WA
 - Rothlein, D. & Rapp, B. Neurobiology of Language. Annapolis, MD.
 - Schubert, R. & Rapp, B. Neurobiology of Language. Annapolis, MD.
 - Breining, B. & Rapp, B. Neurobiology of Language. Annapolis, MD.
 - Wolmetz, M. & Rapp, B. Neurobiology of Language. Annapolis, MD.
 - Purcell, J., Turkeltaub, P., Rapp, B., Eden, G. Human Brain Mapping. Quebec, Canada.
 - 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.
 - Rapp, B. & Dufor, O. Neurobiology of Language. San Diego, CA.
 - Miozzo, M., Shea, J. & Rapp, B. Neurobiology of Language. San Diego, CA.
 - Miozzo, M. & Rapp, B. 48th Meeting of the Academy of Aphasia. Athens, Greece.

- Dufor, O. Rapp, B. 48th Meeting of the Academy of Aphasia. Athens, Greece.
 - 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.
 - Rapp, B. & Lipka, K. Neurobiology of Language Conference. Chicago, IL.
 - Rapp, B. 47th Academy of Aphasia. Boston, MA.
 - Fischer-Baum, S., McCloskey, M. & Rapp, B. Academy of Aphasia. Boston, MA
 - Tsapkini, K. & Rapp, B. Academy of Aphasia. Boston, MA.
 - Wolmetz, K & Rapp, B. Academy of Aphasia. Boston, MA.
- 2008
- Fischer-Baum, S. & Rapp, B. Academy of Aphasia. Turku, Finland.
 - Goldberg, A., Buchwald, A. & Rapp, B. Academy of Aphasia. Turku, Finland.
 - Rapp, B. & Lipka, K. Academy of Aphasia. Turku, Finland.
 - Tsapkini, K. & Rapp, B. Academy of Aphasia. Turku, Finland.
 - Wolmetz, M., Wilson, C. & Rapp, B. Academy of Aphasia. Turku, Finland.
 - Yarmolinskaya, J. & Rapp, B. Academy of Aphasia. Turku, Finland.
 - Yarmolinskaya, J. & Rapp, B. Conference on the Mental Lexicon. Banff, Canada.
 - Costa, V., Fischer-Baum, S., Miceli, G. & Rapp, B. International Workshop on Language Production. Annapolis, MD.
 - Yarmolinskaya, J. & Rapp, B. International Workshop on Language Production. Annapolis, MD.
- 2007
- Fischer-Baum, S., Rapp, B. & McCloskey, M. Psychonomics Society. Long Beach, Ca.
 - Rapp, B. & Fischer-Baum, S. Psychonomics Society. Long Beach, Ca.
 - Medina, J. & Rapp, B. Psychonomics Society. Long Beach, Ca.
 - Fischer-Baum, S., McCloskey, M. & Rapp, B. Academy of Aphasia. Washington, D.C.
 - Wolmetz, M., Rapp, B., & Poeppel, D. Academy of Aphasia. Washington, D.C.
 - Goldberg, A., Cholin, J., Rapp, B., & Miozzo, M. Academy of Aphasia. Washington, D.C.
 - Cholin, J., Goldberg, A., Bertz, J., Rapp, B., & Miozzo, M. Academy of Aphasia. Washington, D.C.
 - 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
 - Rapp, B. Glucroft, B., & Tsapkini, K. Conference on the Mental Lexicon. Montreal, Canada
 - Tsapkini, K. and Rapp, B. Conference on the Mental Lexicon. Montreal, Canada
 - Tsapkini, K. and Rapp, B. Academy of Aphasia. Victoria, Canada
 - Buchwald, A. and Rapp, B. Academy of Aphasia. Victoria, Canada.
 - Vindiola, M. and Rapp, B. Rodin Conference. Washington, D.C.
 - Dessalegn, B., Rapp, B. and Landau, B. Rodin Conference. Washington, D.C.
- 2005
- Goldberg, A. & Rapp, B. Psychonomics Society. Toronto, Canada.
 - Goldberg, A. & Rapp, B. Academy of Aphasia. Amsterdam, The Netherlands.
 - Barriere, I. & Rapp, B. Academy of Aphasia. Amsterdam, The Netherlands.
 - Rapp, B. & Glucroft. Academy of Aphasia. Amsterdam, The Netherlands.
 - Vindiola, M. & Rapp, B. Academy of Aphasia. Amsterdam, The Netherlands.
 - 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.
 - Buchwald, A. Smolensky, P. & Rapp, B. Psychonomic Society. Minneapolis, MN.
 - Buchwald, A. & Rapp, B. Academy of Aphasia. Chicago, Illinois.
 - Goldrick, A., Folk, J. & Rapp, B. Academy of Aphasia. Chicago, Illinois.
 - Hsieh, L. & Rapp, B. Academy of Aphasia. Chicago, Illinois.

- 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.
 - Buchwald, A. & Rapp, B. The orthographic representation of consonant/vowel status: Evidence from two cases of acquired dysgraphia. *Academy of Aphasia*. Vienna, Austria.
 - Rapp, B. Differential effects of remediation of spelling deficits. *Aphasia workshop: Current approaches to aphasia therapy-principles and applications*. Vienna, Austria.
 - 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.
 - Folk, J. & Rapp, B. Slips of the pen and the internal structure of graphemic representations. 43rd Annual Meeting of the Psychonomic Society. Kansas City, KS.
 - Rapp, B. & Hsieh, L. Functional magnetic resonance imaging of the cognitive components of the spelling process. *Cognitive Neuroscience Society Meeting*. San Francisco, CA.
 - 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. 31st Clinical Aphasiology Conference. Santa Fe, NM.
 - Goldrick, M. & Rapp, B. Mrs. Malaprop's neighborhood: Using word errors to reveal neighborhood structure 42nd Annual Meeting of the Psychonomic Society. Orlando, FL.
 - 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. 2nd International Conference on the Mental Lexicon. Montreal, Canada.
 - Hendel, S., Rapp, B., Vega-Bermudez, F. & Hsiao, S. Plasticity in somatosensory representation subsequent to cortical damage. 41st Annual Meeting of the Psychonomics Society. New Orleans, Louisiana.
 - Tainturier, M.J., Bosse, M.L. Valdois, S., Rapp, B.C. Lexical neighborhood effects in pseudoword spelling. 41st Annual meeting of the Psychonomic Society. New Orleans, Louisiana.
 - Folk, J., Rapp, B. & Kane, A. The purpose of lexical/sublexical interaction in spelling: Evidence from articulatory suppression. *The Academy of Aphasia*. Montreal, Canada.
 - Folk, J. & Rapp, B. Lexical-sublexical interaction in spelling: enhancing a target=s competitive edge. 41st Annual Meeting of the Psychonomics Society. New Orleans, Louisiana.
 - Tainturier, M.J., Egan, J. & Rapp, B. Structure and texture in graphemic representations: Further evidence from dysgraphia. *The Academy of Aphasia*. Montreal, Canada.
 - Hendel, S. & Rapp, B. Distinct attentional system for perceptual versus semantic monitoring. *Cognitive Neuroscience Society*. San Francisco, CA.
 - Hendel, S. & Rapp B. Distinct attentional system for perceptual versus semantic monitoring. *Eastern Psychological Association*. Baltimore, MD.
 - Hendel, S. & Rapp, B. Distinct attentional system for perceptual versus semantic monitoring *Twentieth European Workshop on Cognitive Neuropsychology*. Bressanone, Italy.
- 1999
- Rapp, B., Boatman, D. & Gordon, B. The autonomy of lexical orthography: Evidence from cortical stimulation. *The Academy of Aphasia*. Venice, Italy.
 - McCloskey, M., Macaruso, P. & Rapp, B. Grapheme-to-lexeme feedback in the spelling system: Evidence from dysgraphia. *The Academy of Aphasia*. Venice, Italy.
 - Goldrick, M. & Rapp, B. & Smolensky, P. Lexical and post-lexical processes in spoken word production.

The Academy of Aphasia. Venice, Italy.

- Rapp, B., Boatman, D. & Gordon, B. The autonomy of lexical orthography: Evidence from cortical stimulation. 40th Annual Meeting of the Psychonomic Society. Los Angeles, CA.
- McCloskey, M. & Rapp, B. Visually based developmental reading deficit: Implications for normal cognition and developmental dyslexia. 40th Annual Meeting of the Psychonomic Society. Los Angeles, CA.
- Folk, J. & Rapp, B. Interaction between lexical and sublexical processes in spelling. 40th Annual Meeting of the Psychonomic Society. Los Angeles, CA.
- Hendel, S. & Rapp, B. Tri-modal extinction: Competition across visual, tactile and auditory modalities. 40th Annual Meeting of the Psychonomic Society. Los Angeles, CA.
- Leek, E.C., Rapp, B.C., & Turnbull, O.H. The analysis of drawing from memory performance in brain-damaged patients. TENNET. Montreal, Canada.
- Leek, E.C., Turnbull, O.H., Tainturier, M.J. & Rapp, B.C. The quantitative analysis of copy drawing and drawing from memory in brain-damaged patients. Cognitive Neuroscience Society Meeting. Washington, DC.

1998

- Rapp, B., Folk, J., Boteler, E. & Skultety, K. Structure and texture in graphemic representations. The Academy of Aphasia. Santa Fe, NM.
- Rapp, B., Folk, J., Boteler, E. & Skultety, K. Structure and texture in graphemic representations. 39th Annual Meeting of the Psychonomic Society. Dallas, TX.
- McCloskey, M., Macaruso, P. & Rapp, B. Grapheme-to-word feedback in the spelling system. 39th Annual Meeting of the Psychonomic Society. Dallas, TX.
- Goldrick, M. & Rapp, B. Seriality in spoken word production. 2nd International Workshop on Neural Modeling of Brain and Cognitive Disorders. College Park, MD.
- Hillis, A., Rapp, B. & Goldrick, M. A Pattern of Phonological Errors in Spoken Word Comprehension and Production: Implications for Interactive Theories of Spoken Language. 2nd International Workshop on Neural Modeling of Brain/Cognitive Disorders. College Park, MD.

1997

- Rapp, B. & Goldrick, M. The relationship between semantics and phonology in speech production. The Academy of Aphasia. Philadelphia, PA.
- Rapp, B. The interaction of lexical and sublexical information in spelling: Evidence from brain damage. The 38th Annual Meeting of the Psychonomic Society. Philadelphia, PA.
- McCloskey, M. & Rapp, B. Involvement of visual perceptual mechanisms in visual imagery: Evidence from a developmental deficit. The 38th Annual Meeting of the Psychonomic Society. Philadelphia, PA.

1996

- Rapp, B. Interactivity? The relationship between semantics and phonology in speech production. The 37th Annual Meeting of the Psychonomic Society. Chicago, Ill.
- Leek, E., Rapp, B. & Caramazza, A. The selective impairment of high-level perceptual representations in object recognition: A single case study. The XIV European Workshop on Neuropsychology. Bressanone, Italy.
- Clausner, T., Rapp, B. & Su, Y.C. Does frequency determine the storage of compounds? Evidence from Chinese. The 18th Annual Conference of the Cognitive Science Society. La Jolla, CA.

1995

- Rapp, B., Benzing, L. & Caramazza, A. The representation of grammatical category at the level of phonological and orthographic form. The Academy of Aphasia. San Diego, CA.
- Badecker, W., Rapp, B. & Caramazza, A. A modality-neutral lexical deficit affecting morpho-syntactic representations. The Academy of Aphasia. San Diego, CA.
- McCloskey, M. & Rapp, B. Relating a visual perceptual deficit to a developmental reading impairment. The Academy of Aphasia. San Diego, CA.
- Su, Y.C. & Rapp, B. The decomposed representation of compounds: Evidence from a case of Chinese dysgraphia. The Academy of Aphasia. San Diego, CA.
- Rapp, B., Benzing, L. & Caramazza, A. The modality-specific representation of grammatical category.

The 36th Annual Meeting of the Psychonomic Society. Los Angeles, CA.

- McCloskey, M. & Rapp, B. Impaired visual localization and attention-centered visual representations. The 36th Annual Meeting of the Psychonomic Society. Los Angeles, CA.
- Su, Y.C., Rapp, B. & Clausner, T. Representation of compounds versus phrases: Evidence from Chinese. The 36th Annual Meeting of the Psychonomic Society. Los Angeles, CA.

1994

- Rapp, B. & Caramazza, A. The representation of letter shape in writing: Evidence from impaired performance. The 35th Annual Meeting of the Psychonomic Society. St. Louis, MO.
- Leek, E., Rapp, B. & Caramazza, A. Assessing semantics from vision: The case study of a patient with a visual modality-specific naming impairment. Academy of Aphasia, Boston, MA.
- Rapp, B., Benzing, L. & Caramazza, A. Evidence regarding the independence of orthographic and phonological representations. TENNET. Montreal, Canada.

1993

- Rapp, B., Alway, D., & Caramazza, A. The syllabic structure of orthographic representations. The 34th Annual meeting of the the Psychonomic Society. Washington, D.C.
- Rapp, B., Link, K. & Caramazza, A. The role of graphemic representations in reading: Evidence from a deficit to the recognition system. Academy of Aphasia. Tucson, AZ.

1992

- Rapp, B., Benzing, L., & Caramazza, A. The dissociation of grammatical categories in the spoken vs. written production of a single patient. Academy of Aphasia. Toronto, Canada.
- Rapp, B., Benzing, L., & Caramazza, A. Visuo-spatial properties of peripheral orthographic representations. TENNET. Montreal, Canada.
- Badecker, W., Rapp, B. & Caramazza, A. Two types of evidence concerning morphological composition. TENNET. Montreal, Canada.

1991

- Rapp, B., Benzing, L., & Caramazza, A. Spelling errors and the structure of graphemic representations. TENNET. Montreal, Canada.
- Rapp, B., Benzing, L., & Caramazza, A. Stimulus characteristics and visual neglect. TENNET. Montreal, Canada.

1990

- Rapp, B. The nature of the research question in the debate on the use of group and single case studies in cognitive neuropsychology. International Neuropsychological Society. Orlando, FL.

1988

- Rapp, B. Perceptual processing in a letter-by-letter reader. Academy of Aphasia. Montreal, Canada.