Nicholaus P. Brosowsky

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Research Areas of Interest

Human learning, memory, attention, skill learning, and music cognition

Education

2014-2019	The Graduate Center, City University of New York Expected: Ph.D. in Psychology – Cognition, Language, and Development
2012-2014	University of Manitoba (Winnipeg, MB Canada) M.A. in Psychology – Brain and Cognitive Sciences Thesis: Attentional capture by sound disappearance (2014)
2009-2012	University of Manitoba (Winnipeg, MB Canada) B.A. (Honours) in Psychology Thesis: The scale illusion revisited: musical expertise and hidden melody recognition (2012)

Awards, Distinctions and Fellowships

2018-2019	Writing Across the Curriculum Fellowship, The Graduate Center, CUNY
2017	Scholarship of Teaching and Learning Research Grant, The Society for the Teaching of Psychology
2017	Psychology Travel Award, The Graduate Center, CUNY
2014-2019	Graduate Center Fellowship, CUNY Graduate Center
2013-2014	Alexander Graham Bell Graduate Scholarship Award, National Sciences and Engineering Research Council of Canada
2012-2013	University of Manitoba Graduate Fellowship, University of Manitoba
2012	Canadian Psychological Association: Certificate of Academic Excellence
2012	The Ten Have Research Award, University of Manitoba The Ten Have Award is awarded annually to the student in 4th year honours whose thesis is judged to be the most outstanding that year.

2011   Psychology Undergraduate Research Experience (PURE) Award, University of Manitoba
            Includes funding for 4 months of full-time employment in a laboratory under direct
            supervision of a Psychology faculty member.

Publications

Alards-Tomalin, D., **Brosowsky, N.P**. & Mondor, T.A. (2017), Auditory statistical learning: Predictive
    frequency information affects the deployment of contextually-mediated attentional
    resources. Journal of Cognitive Psychology, 29(8), *977-987.*

Brosowsky N.P., & Parshina, O. (2017), Using the QALMRI Method to Scaffold Reading of Primary
    Sources in A. Schwartz, C. Shane-Simpson, P.J. Brooks, & R. Obeid (Eds.) *How We Teach Now:*
    The GSTA Guide to Student-Centered Teaching (pp. 311-328). Retrieved from the Society for the
    Teaching of Psychology web site: http://teachpsych.org/ebooks/

Crump, M.J.C., **Brosowsky N.P.**, & Milliken, B. (2017), Reproducing the location-based context-specific
    proportion congruent effect for frequency unbiased items: A reply to Hutcheon & Spieler
    (2016). Quarterly Journal of Experimental Psychology, 70(9), 1792-1807.

Brosowsky N.P., & Crump, M.J.C. (2016), Context-specific attentional sampling: Intentional control as
    pre-requisite for contextual control. Consciousness and Cognition, 44, 146-160.

Brosowsky N.P., & Mondor, T.A. (2016), Multistable perception of ambiguous melodies and the role of
    musical expertise. The Journal of the Acoustical Society of America, 140(2), 866-877.

Brosowsky, N.P., & Mondor, T.A. (2014). Attentional capture by sound disappearance. In P. Bello, M.
    Guarini, M. McShane, & B. Scassellati (Eds.), Proceedings of the 36th Annual Conference of the
    Cognitive Science Society (pp. 1946-1951). Austin, TX: Cognitive Science Society.

Presentations

Brosowsky, N.P. & Crump, M.J.C. (November 2017), Same context, different control: Flexibly shifting
    between context-specific control settings. Poster presented at the 58th annual meeting of the
    Psychonomic Society, Vancouver, BC, Canada.

Brosowsky N.P. & Crump, M.J.C. (March 2017), Learning to selectively ignore distracting
    information. Poster presented at the 2017 annual meeting of the Eastern Psychological
    Association, Boston, MA.

Brosowsky N.P. & Crump, M.J.C. (November 2016), Long(er)-term item-specific Gratton effects. Poster
    presented at the 57th annual meeting of the Psychonomic Society, Boston, MA.

Brosowsky N.P., Behmer, L.P. & Crump, M.J.C. (May 2016), How typists talk to their fingers: Evidence
    for word-level verbal control of skilled action sequences. Poster presented at International Meeting
    of the Psychonomic Society, Granada, Spain.

Crump, M.J.C. & **Brosowsky N.P.** (May 2016), Context-Specific Proportion Congruent Effects for Frequency Unbiased Items: Novel Extensions and Analyses of Reproducibility. Poster presented at International Meeting of the Psychonomic Society, Granada, Spain.

Brosowsky N.P., & Crump, M.J.C. (March 2016), Contextual control over stimulus-response sets. Poster presented at the 2016 annual meeting of the Eastern Psychological Association, New York, NY.

Brosowsky N.P., & Crump, M.J.C. (November 2015), Contextual control of attentional sampling: Exploring the role of volition. Poster presented at the 56th annual meeting of the Psychonomic Society, Chicago, IL.

Brosowsky N.P., & Crump, M.J.C. (March 2015), Stimulus-driven attentional cuing of attentional control settings: Evidence for generalization of item-specific control in a Flanker task. In Kelly Doedert (chair) in Cognitive papers: Attention and Perception. Symposium conducted at the 2015 annual meeting of the Eastern Psychological Association, Philadelphia, PA.

Brosowsky N.P. & Mondor, T.A. (July 2014). Attentional capture by sound disappearance. Poster presented at 36th Annual Conference of the Cognitive Science Society, Quebec City, QC, Canada.

Brosowsky N.P. & Mondor, T.A. (November 2012). The scale illusion revisited: Hidden melody recognition and musical expertise. Poster presented at the annual meeting of the Auditory Perception Cognition and Action, Minneapolis, MN.

Research Experience

2014-   Human Performance and Cognition Laboratory, Dr. Matt Cump
               Brooklyn College, CUNY

2012-2014 Auditory Perception and Cognition Laboratory, Dr. Todd Mondor
               University of Manitoba

2011-2012   Research Assistant, Auditory Perception and Cognition Laboratory, Dr.
       Todd Mondor
               University of Manitoba

Teaching Experience

2018   Adjunct Instructor, Cognitive Psychology
               Brooklyn College, CUNY

2017-2018   Adjunct Instructor, Experimental Psychology
               Brooklyn College, CUNY

2017   Adjunct Instructor, Cognitive Psychology
               Brooklyn College, CUNY

2014-2017   Adjunct Instructor, Experimental Psychology
               Brooklyn College, CUNY

2015   Adjunct Instructor, Introduction to Psychology

University of Manitoba

2014-2015   Lab Instructor, Measurement and Assessment (3rd year undergraduate statistics)
             University of Manitoba

2012-2015 Teaching Assistant, Introduction to Psychology
             University of Manitoba

2012-2013   Grader/Marker, Research in Cognitive Psychology
             University of Manitoba

2001-2014   Private Music Instructor, Winnipeg, MB

Professional Development

2016   The Scholarship of Teaching and Learning Writing Workshop
             Society for the Teaching of Psychology
             Decatur, GA

2016   15th Neural Computation and Psychology Workshop
             Contemporary Neural Network Models: Machine Learning, Artificial Intelligence, and
             Cognition
             Philadelphia, PA

Technical Skills

Data Analysis: R, Matlab/GNU Octave, SPSS, JASP

Experimental Design: HTML/Javascript/CSS, LiveCode, E-Prime, PsychoPy

Front-End Web Development: HTML, Javascript, CSS

Other: Adobe Audition, Adobe Photoshop, Adobe Illustrator

Academic References

Dr. Matthew Crump
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Dr. Elizabeth Chua
Assistant Professor
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Dr. Todd Mondor
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Professor
University of Manitoba
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