

## **Nicholaus P. Brosowsky**

4303 James Hall, Brooklyn College  
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Brooklyn, NY 11210

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### **Research Areas of Interest**

Attention, cognitive control, human performance, and audition

### **Education**

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- 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**

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- 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 4<sup>th</sup> 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

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

**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*

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

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**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

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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

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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 (3 <sup>rd</sup> 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

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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

## Computer Skills

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Data Analysis:	R, SPSS, SAS, Matlab
Experimental Design:	HTML, Javascript, CSS, LiveCode, E-Prime, PsychoPy Adobe Audition, Adobe Photoshop, Adobe Illustrator

## **Academic References**

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Dr. Todd Mondor  
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