**Gavin R. Price Ph.D.**

**Contact Information**

Department of Psychology & Human Development

Peabody College, Vanderbilt University

230 Appleton Place, PMB 552

Nashville, TN  37203

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Website: [www.numericalbrainlab.com](http://www.numericalbrainlab.com)

**EDUCATION**

2008 Ph.D. Developmental Cognitive Neuroscience

University of Jyvaskyla, Finland

2004 M.Sc. Cognitive Neuropsychology

University College London, U.K.

2003 B.Sc. Psychology (Hons)

University of York, U.K.

**PROFESSIONAL APPOINTMENTS**

2020– Associate Professor

Department of Psychology & Human Development

Peabody College, Vanderbilt University

2012–2020 Assistant Professor

Department of Psychology & Human Development

Peabody College, Vanderbilt University

2013– Tier 1 Training Faculty

Vanderbilt Brain Institute, Vanderbilt University School of Medicine

2016– Investigator

Vanderbilt Kennedy Center for Research on Education and Human Development

2009–2012 Postdoctoral Fellow

Numerical Cognition Lab; Mentor: Dr. Daniel Ansari

University of Western Ontario, Department of Psychology, Canada

**HONORS & AWARDS**

2018 Early Career Award: International Mind, Brain & Education Society.

2017 Outstanding Graduate Mentor Award: Vanderbilt Neuroscience Graduate Program

2014 International Mind, Brain & Education Society Annual Meeting: Outstanding poster Award

2013 Vanderbilt University Center for Teaching Junior Faculty Teaching Fellowship

2011 NIMH Summer Institute in Cognitive Neuroscience Fellowship

2011 C Kingsley Allison Research Award

2009 Ontario Ministry of Research and Innovation Post-Doctoral Fellowship

2008 Niilo Maki Institute Ph.D. Funding Award

2008 University of Jyvaskyla Department of Psychology Ph.D. Award

**PUBLICATIONS**

**Peer Reviewed Articles**

\* Denotes senior author role; ^Denotes current/former trainee.

1. Cai, C. Y., Yang, Q., Hansen, C. B., Nath, V., Ramadass, K., Johnson, G. W., Conrad, B. N^., Boyd, B. D., Begnoche, J. P., Beason-Held, L. L., Shafer, A. T., Resnick, S. M., Taylor, W. D., **Price, G. R.,** Morgan, V. L., Rogers, B. P., Schilling, K. G., & Landman, B. A. (In Press). PreQual: An automated pipeline for integrated preprocessing and quality assurance of diffusion weighted MRI images. *Magnetic Resonance in Medicine.*
2. Wilkey E. D. ^, Conrad B. N. ^, Yeo, D. J.^, & **Price G. R\***. (2020). Shared numerosity representations across formats and tasks revealed with 7 Tesla fMRI: decoding, generalization, and individual differences in behavior. *Cortex Communications.* Volume 1, Issue 1.
3. Conrad B. N. ^, Wilkey E. D. ^, Yeo, D. J.^, & **Price G. R\***. (2020). Network topology of symbolic and nonsymbolic number comparison. *Network Neuroscience*, 1-32
4. Yeo, D. J.^, Pollack, C.^, Merkley, R., Ansari, D., & **Price, G. R.\*** (2020). The “Inferior Temporal Numeral Area” distinguishes numerals from other character categories during passive viewing: A representational similarity analysis. *NeuroImage* (214), 116716
5. Wilkey, E. D.^, Pollack, C.^, & **Price, G. R.\*** (2020). Dyscalculia and Typical Math Achievement Are Associated with Individual Differences in Number‐Specific Executive Function. *Child Development* 91 (2), 596-619
6. Yeo, D. J.^ & **Price, G. R**.\* (2020). Probing the mechanisms underlying numerosity-to-numeral mappings and their relation to math competence. *Psychological Research,* 1-24
7. Pollack, C.^, & **Price, G. R.\*** (2020). Mapping letters to numbers: Potential mechanisms of literal symbol processing. *Learning and Individual Differences* 77, 101809
8. Merkley, R., Conrad, B.^, **Price, G. R**., & Ansari, D. (2019). Investigating the visual number form area: A replication study. *Royal Society Open Science.*
9. Yeo, D. J.^, Wilkey, E. D.^, & **Price, G. R.\*** (2019). Malleability of mappings between Arabic numerals and approximate quantities: Factors underlying individual differences and the relation to math. *Acta Psychologica*. 198, 102877
10. Pollack, C.^, & **Price, G. R.\*** (2019). Neurocognitive mechanisms of digit processing and their relationship with mathematics competence. *NeuroImage*, *185*, 245–254.
11. Wilkey, E. D.^, Pollack., C.^, & **Price, G. R.\*** (2018).Dyscalculia and typical math achievement are associated with individual differences in number‐specific executive function. *Child Development. DOI: 10.1111/cdev.13194*
12. Wilkey, E. D. ^ & **Price, G. R.\*** (2018).Attention to number: The convergence of numerical magnitude processing, attention, and mathematics in the inferior frontal gyrus.*Human Brain Mapping, 40*, 928–943.
13. **Price, G. R.,** Yeo, D. J. ^, Wilkey, E. D. ^., & Cutting, L. E. (2018). Prospective relations between resting-state connectivity of parietal subdivisions and math competence. *Developmental Cognitive Neuroscience, 30*, 280–290.
14. Wilkey, E. D.^, Cutting, L. E. & **Price, G. R.\*** (2018). Neuroanatomical correlates of performance in a state‐wide test of math achievement. *Developmental Science*, *21*, e12545.
15. **Price, G. R.** & Wilkey, E. D. ^ (2017). Cognitive mechanisms underlying the relation between nonsymbolic and symbolic magnitude processing and their relation to math. *Cognitive Development,* *44*, 139-149.
16. Wilkey, E. D. ^, Barone, J. C. ^, Mazzocco, M. M. M., Vogel, S. E., **Price, G. R.\*** (2017). The effect of visual parameters on neural activation during nonsymbolic number comparison and its relation to math competency. *NeuroImage, 159*, 430-442.
17. Yeo, D. J. ^, Wilkey, E. D. ^, & **Price, G. R.\*** (2017). The search for the number form area: A functional neuroimaging meta-analysis. *Neuroscience and Biobehavioral Reviews,* 78*,* 145-160.
18. **Price, G. R.,** Wilkey, E. D. ^, Yeo, D. J. ^ (2017). Eye-movement patterns during nonsymbolic and symbolic numerical magnitude comparison and their relation to math calculation skills. *Acta Psychologica,* *176*, 47-57.
19. **Price, G. R.** & Fuchs, L. S. (2016). The mediating relation between symbolic and nonsymbolic foundations of math competence. *PloS One*, *11*, e0148981.
20. **Price, G. R.,** Wilkey, E. D. ^, Yeo, D. J. ^, & Cutting, L. E. (2016). The relation between 1st grade grey matter volume and 2nd grade math competence. *Neuroimage, 124*, 232-237.
21. Lyons, I. M., **Price, G. R.,** Vaessen, A., Blomert, L., & Ansari., D. (2014). Numerical predictors of arithmetic success in grades 1-6. *Developmental Science, 17*, 714-726.
22. **Price, G. R.,** & Ansari, D. (2013). Dyscalculia: Characteristics, causes, & treatments. *Numeracy,* 6 (1), 2.
23. **Price, G. R.**, Mazzocco, M. M. M., & Ansari, D. (2013). Why mental arithmetic counts: brain activation during single digit arithmetic predicts high-school math scores. *The Journal of Neuroscience, 33,* 156-163.
24. Matejko, A., **Price, G. R.,** Mazzocco, M. M. M., & Ansari, D. (2013). Individual differences in left parietal white matter predict math scores on the Preliminary Scholastic Aptitude Test. *Neuroimage, 66*, 604-610.
25. Bugden, S., **Price, G. R.,** McLean, A. & Ansari, D. (2012). The role of the left intraparietal sulcus in the relationship between symbolic number processing and children’s arithmetic competence. *Developmental Cognitive Neuroscience*, *2*, 448–457.
26. **Price, G. R.**, Palmer, D., Battista, C. & Ansari, D. (2012). Nonsymbolic numerical magnitude comparison: Reliability and validity of different task variants and outcome measures, and their relationship to arithmetic achievement in adults. *Acta Psychologica*, *140*, 50-57.
27. **Price, G. R.** & Ansari, D. (2012). Developmental Dyscalculia: A case for neuroscience in education. *British Journal of Educational Psychology.* Monograph Series II, Number 8-Educational Neuroscience 45 (62).
28. **Price G. R.** & Ansari, D. (2011). Category specific processing of arabic digits in the left angular gyrus. *Neuroimage,* *73*, 1205-1211.
29. Crinion, J. T., Green, D. W., Chung, R., Ali, N., Grogan, A., **Price, G. R**., Mechelli, A., Price, C. J. (2009). Neuroanatomical markers of speaking Chinese. *Human Brain Mapping, 30*, 4108-4115.
30. Holloway, I. D., **Price, G. R.** & Ansari, D. (2010). Common and segregated neural pathways for the processing of symbolic and nonsymbolic numerical magnitude: an fMRI study. *NeuroImage*, *49*, 1006-1017.
31. **Price, G. R.,** Holloway, I., Vesterinen, M., Rasanen, P. & Ansari, D. (2007). Impaired parietal magnitude processing in Developmental Dyscalculia. *Current Biology*, *17*, R1024-3.

**Book Chapters & Encyclopedia Entries**

1. **Price, G. R.**, & Ansari, D. (2012). Dyscalculia. In Dulac, O. (Ed.). *Handbook of Paediatric Neurology*, 111 (pp 241-244). London, Elsevier.
2. **Price, G. R.** (2011). Commentary on numeracy difficulties and disorders. *Encyclopedia of Language and Literacy Development* (pp. 1-6). London, ON: Canadian Language and Literacy Research Network. <http://www.literacyencyclopedia.ca/pdfs/topic.php?topId=298>
3. Ansari, D., **Price, G. R.** & Holloway, I. D. (2010) Typical and atypical development of basic magnitude representations: a review of behavioural and neuroimaging studies. In. Ferrari, M.. & Vuletic, L. (Eds.) *The Developmental Interplay between Mind, Brain and Education: Essays in honor of Robbie Case*. Amsterdam, NL: Springer.
4. Ansari, D., Holloway, I. D., **Price, G. R.** & Van Eimeren, L. (2008) Towards a developmental cognitive neuroscience approach to the study of typical and atypical number development. In A. Dowker (Editor) *Mathematical Difficulties*. Elsevier, London, 14-43.

**GRANT SUPPORT**

***Current & Pending***

2018–2023 **National Science Foundation** (CAREER 1750213)

Role: Principal Investigator

*Longitudinal Development of Numerical Processing Brain Networks in Developmental Dyscalculia: A Neuroimaging Study from Kindergarten to Second Grade*

Amount: $2,003,154

2017–2022 **National Science Foundation** (DRL 1660816)

Role: Principal Investigator

 *Development of Symbolic Number Processing Brain Networks from 1st to 3rd Grade*

Amount: $1,345,085

2018–2021 **National Science Foundation** (1760225)

Role: Co-Investigator (PI: Durkin)

*A Longitudinal Study Predicting Postsecondary STEM Readiness Among Low-Income Minority Students*

Amount: $1,499,997

2018–2023 **National Institute of Health** (1R37HD095519) Role: Co-investigator (PI: Cutting)

*Early Academic Achievement and Intervention Response: Role of Executive Function*

Amount: $2,487,857

2017–2022 **National Institute of Health** (NICHD P50HD027802)

Role: Co-Investigator (PI: Willcutt)

*Learning Disabilities Research Center: “Differential Diagnosis in Learning Disability”*

Amount: $8,476,425

***Completed***

2014–2018 **Institute of Education Sciences** (R305A130099) Role: Co-Investigator (PI: Farran)

*Contributions to Mathematics Competency of at-risk students: the impact of executive function, approximate number system, and early mathematics skills.*

Amount: $1,599,382

2015–2017 **Peabody College Small Research Grant**

Role: Principal Investigator

*Neural Correlates of Symbolic Number Processing: The search for a visual number form area.*

Amount: $9900

2013–2016 **Heising-Simons Foundation**

Role: Co-Investigator (PI: Farran)

*Contributions to Mathematics Competency of at-risk students: the impact of executive function, approximate number system, and early mathematics skills.*

Amount: $1,254,019

2013–2015 **Peabody College Small Research Grant**

Role: Principal Investigator

*Math Competence & the Cortical Representation of Numbers*

Amount: $6180

**PRESENTATIONS**

N.B. \* Denotes senior author role; ^Denotes current/former student or postdoc trainee.

**Talks**

*“Structural & Functional Brain Measures: fMRI”.* Lead Speaker at NSF Workshop on “New & Emerging Methods in STEM Education Research”. February 16th, 2021

**“**Divergent neural substrates for standardized and school-based measures of math competence”. Symposium Talk at International Mind Brain & Education Society Meeting*.* September 2016.

**Conference Posters**

Wilkey, E. D.^, Conrad, B. N.^, **Price, G. R.\*** (2020, June) Shared Representation of Symbolic and Nonsymbolic Number, But Overlap Negatively Predicts Math. Poster presented at the annual conference of the Organization of Human Brain Mapping, Montreal, Canada (virtual event).

Conrad, B. N.^ & **Price, G. R.\*** (2020, June). Does selective coupling precede selective activity? A study of numeral processing in kindergartners. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Virtual.

Conrad, B. N.^ & **Price, G. R.\*** (2020, June). Does the pITG demonstrate selective coupling during numeral processing in kindergartners? - An fMRI study of task-evoked connectivity. Poster presented at the annual meeting of the Vision Sciences Society, Virtual.

Yeo, D. J.^, Pollack, C.^, Merkley, R., Ansari, D., & **Price, G. R.\*** (2020, June). Representational distinction of numbers, letters, and novel characters in the “number form area”. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Virtual.

Yeo, D. J.^, Pollack, C.^, Merkley, R., Ansari, D., & **Price, G. R.\*** (2020, June). “Number form area” distinguishes between numerals and other character categories during passive viewing: A meta-synthesis of representational similarity analyses with three studies. Talk presented at the annual meeting of the Vision Sciences Society, Virtual.

Wilkey, E. D.^, Conrad, B. N.^, **Price, G. R.\*** (2020, May) Individual Differences in Shared Representation of Symbolic and Nonsymbolic Number at 7T fMRI. Poster presented at the annual conference of the Association for Psychological Science, Chicago, Illinois (virtual event).

Conrad B. N.^ & **Price G. R.\*** (2019, August). Neural mechanisms of digit processing in kindergartners – An fMRI study. *Poster presented at the FLUX Congress Annual Meeting*. New York, NY.

Conrad B. N. ^, **Price G. R\***. (2019, June). Task-evoked connectivity of the putative number form area in typically developing kindergartners. *Poster presented at the Mathematical Cognition and Learning Society annual meeting*. Ottawa, Canada.

Yeo, D.J. ^, & **Price, G. R.\*** (2019, June). Individual and developmental differences in the neurocognitive integration of number notations and their relation to math competence. *Pre-registration poster presented at the* *Meeting of the Mathematical Cognition and Learning Society*. Ottawa, Ontario, Canada.

Yeo, D. J. ^, & **Price, G. R.\*** (2019, January). What do numerical tasks measure? Insights from calibration paradigms. *Talk presented at the* *Methods in Numerical Cognition Workshop*. Budapest, Hungary.

Conrad B. N. ^, Wilkey E. D. ^, **Price G. R\***. (2018, November). Frontoparietal reorganization during symbolic and nonsymbolic number processing. *Dynamic poster presented at the Society for Neuroscience Annual Meeting*. San Diego, CA.

Yeo, D. J. ^, Pollack, C., Ansari, D., & **Price, G. R.\*** (2018, November). A search for the representational content in the putative number form area. *Poster presented at the* *Annual Meeting of Society for Neuroscience*. San Diego, CA.

Conrad B. N. ^, Yeo D. J. ^, Pigg R. A. ^, Kaminski A. M., Venanzi L. D., **Price G. R\***. (2018, September). Symbol processing in healthy kindergartners: An event-related fMRI study. *International Mind, Brain, and Education Society biennial conference*. Los Angeles, CA.

Yeo, D. J. ^, & **Price, G. R.\*** (2018, September). Probing the mechanisms of numerosity-to-numeral mappings and its relation to math competence. *Poster presented at the 2018 International Mind, Brain, & Education Society Conference.* Los Angeles, CA.

Yeo, D. J. ^, Wilkey, E. D. ^, & **Price, G. R.\*** (2018, June). Malleability of mapping between Arabic numerals and approximate quantities: Factors underlying individual differences and the relation to math. *Poster presented at the Mathematics Education Centre's annual symposium: The symbol grounding problem*. Loughborough, United Kingdom.

Yeo, D. J. ^, Pollack, C. ^, & **Price, G. R.\*** (2018, March). A search for the representational content in the putative number form area. *Poster presented at the Annual Meeting of the Cognitive Neuroscience Society.* Boston, MA.

Wilkey, E. D. ^, Pollack, C. ^, & **Price, G. R.\*** (2018, March). ANS acuity, mathematics achievement, and dyscalculia: Evidence for a domain-specific executive function relation. *Poster presented at the Annual Meeting of the Cognitive Neuroscience Society.* Boston, MA.

Conrad, B. N. ^, Wilkey E. D. ^, & **Price G. R.\*** (2018, March). Network topology of symbolic and nonsymbolic number processing: A 7T fMRI study. *Poster presented at the Annual Meeting of the Cognitive Neuroscience Society.* Boston, MA*.*

Yeo, D. J. ^, Wilkey, E. D. ^, & **Price, G. R.\*** (2017, June). An ALE meta-analytical search for the putative number form area and its associated network. *Poster presented at the annual conference of the Organization of Human Brain Mapping.* Vancouver, Canada.

Wilkey, E. D. ^, & **Price, G. R.\*** (2017, June). Symbolic and nonsymbolic magnitude processing, the neural distance effect, and math achievement. *Poster presented at the annual conference of the Organization of Human Brain Mapping.* Vancouver, Canada.

Wilkey, E. D. ^, Barone, J. C. ^, Mazzocco, M. M. M., Vogel, S. E., & **Price, G. R**.\* (2017, March). The influence of visual cues on nonsymbolic number comparison and their relation to math competency. *Poster presented at the Annual Meeting of the Cognitive Neuroscience Society.* San Francisco, CA*.*

Yeo, D. J. ^, Wilkey, E. D. ^, & **Price, G. R.\*** (2017, March). The search for the putative number form area: A meta-analysis. *Poster presented at the Annual Meeting of Cognitive Neuroscience Society.* San Francisco, CA*.*

Yeo, D. J. ^, Wilkey, E. D. ^, & **Price, G. R**.\* (2016, September). The relation between numerical estimation flexibility and mathematical competence. *Poster presented at International Mind Brain & Education Society Meeting.* Toronto, Canada*.*

Wilkey, E. D. ^, Barone, J. C. ^, Mazzocco, M. M. M., Vogel, S. E., & **Price, G. R.\*** (2016, September). The Influence of Non-numeric Visual Parameters on Performance and Neural Activation Patterns During Nonsymbolic Number Comparison. *Poster presented at International Mind Brain & Education Society Meeting.* Toronto, Canada*.*

Wilkey, E. D. ^, Farran, D., Hoffer, K., & **Price, G. R.\*** (2016, May). Eight-Year Growth in Math Skills and Its Relationship to Nonsymbolic and Symbolic Number Processing. *Poster presented at the NIH Math Cognition Conference.* Fort Worth, Texas*.*

Yeo, D. J. ^, Wilkey, E. D. ^, & **Price, G. R**.\* (2016, May). Eye Movement Patterns Underlying Symbolic and Nonsymbolic Numerical Magnitude Comparison. *Poster presented at the NIH Math Cognition Conference.* Fort Worth, Texas.

**Price, G. R.,** Wilkey, E. D. ^, Yeo, D. J. ^, & Cutting, L. E. (2015, October). Resting State Connectivity at 1st Grade Predicts Math Competence at 2nd Grade. *Poster presented at the annual conference of the Society for Neuroscience.* Chicago, IL.

Wilkey, E. D. ^, **Price, G. R.,** Cutting, L. E. (2015, October). Neuroanatomical Correlates of Performance in State-Wide Test of Math Achievement. *Poster presented at the annual conference of the Cognitive Neuroscience Society.* Chicago, IL.

**Price, G. R. (**2014, June). Neurocognitive Foundations of Math Competence. *Invited Talk at Neuroscience and Education: The Connection symposium.* Currey Ingram Academy, Nashville, Tennessee.

**Price, G. R.,** Wilkey, E. D. ^, & Cutting, L. E. (2014, September). Neuroanatomical predictors of 3rd Grade Math Competence. *Poster Presented at International Mind Brain & Education Society Meeting.* Fort Worth, Texas*.*

Bugden, S., **Price, G. R.**, McLean, A., & Ansari, D. (2011, June). Parietal brain activation during number processing predicts children’s arithmetic achievement.

*Poster presented at the annual meeting of the Organization on Human Brain Mapping* Quebec, QC, Canada.

**Price, G. R.**, & Ansari, D. (2010, June). Neural Correlates of Arabic Digit Processing: Exploring the Visual Number Code. *Poster presented at Human Brain Mapping Annual Meeting.* Barcelona, Spain.

**Price, G. R.**, Holloway, I., Vesterinen, M., Rasanen, P. & Ansari, D. (2008, March)

Numerical Magnitude Processing Impairments in the Developmental Dyscalculic Brain, *Poster presented at Annual Meeting of the Cognitive Neuroscience Society.* San Francisco, CA.

**Price, G. R.**, Holloway, I., Vesterinen, M., Rasanen, P. & Ansari, D. (2007, August)

Impaired Parietal Magnitude Processing in Developmental Dyscalculia

*Oral presentation at Numbra Summer School 2007 Numeracy and brain development: progress and prospects.* Santorini, Greece*.*

**Price, G. R.**, Rasanen, P. (2006, August) Predicting Development Pathways in Arithmetic Ability until the end of second grade. *Poster presented at Numbra Summer School.* Erice, Sicily.

**TEACHING**

**Vanderbilt University**

2020 Why are Some Kids Bad at Math?

2019 Development Cognitive Neuroscience

2016, 2017, 2018, 2019 Introduction to Educational Neuroscience

2016 Introduction to Cognitive Neuroscience

2015, 2017 Educational Neuroscience (Graduate)

2015, 2015 Why are Some Kids Bad at Math?

2015 The Numerical Brain (Graduate)

2013 The Numerical Brain

2012, 2013, 2014, 2014, 2016 Introduction to Developmental Psychology

**University of Western Ontario**

2011 Introduction to Developmental Psychology

2010 Leadership Education Program – Effective Self-Management

**MENTORING**

**Current**

2016– Darren Yeo

Ph.D. Neuroscience, Vanderbilt University

Role: Primary Advisor

2016– Benjamin Conrad

Ph.D. Neuroscience, Vanderbilt University

Role: Primary Advisor

2019– Tin Nguyen

Ph.D. Neuroscience, Vanderbilt University

Role: Advisory Committee Chair

2019– Jake Kaufman

Ph.D. Psychology, Vanderbilt University

Role: Advisory Committee Member

2020– Leah Shelton

Undergraduate Honors Neuroscience, Vanderbilt University

 Role: Primary Advisor

2020– Andrew Lynn
 Postdoctoral Researcher

 Role: Primary Advisor

**Completed**

2016–2019 Katherine Abboud

Ph.D. Neuroscience, Vanderbilt University

Role: Advisory Committee Chair

2016–2018 Courtney Pollack

Postdoctoral Fellow

Role: Primary Advisor

2013–2018 Eric Wilkey

Ph.D. Neuroscience, Vanderbilt University

(Current: Postdoc University of Western Ontario)

Role: Primary Advisor

2016–2018 Stephen Bailey

Ph.D. Neuroscience, Vanderbilt University

Role: Advisory Committee Chair

2016–2018 Olivia Lasala

Undergraduate Honors, Psychology, Vanderbilt University

Role: Primary Advisor

2016–2018 Gabriele Freitag

Undergraduate Honors, Psychology, Vanderbilt University

 Role: Primary Advisor

2016–2017 Ellen Andrews

Undergraduate Honors Neuroscience, Vanderbilt University

 Role: Primary Advisor

2016–2017 Mary Liz Kim

Undergraduate Honors, Neuroscience, Vanderbilt University

 Role: Primary Advisor

2015–2016 Jordan Barone

Undergraduate Honors Neuroscience, Vanderbilt University

 Role: Primary Advisor

2009–2010 Daniel Palmer

Master’s in Education, University of Western Ontario

 Role: Adjunct Advisor

2009–2010 Stephanie Bugden

Master’s in Education, University of Western Ontario

 Role: Adjunct Advisor

**PROFESSIONAL ACTIVITIES & SERVICE**

**University, College, & Department:**

2020- Peabody Honor Council

2019- Academic Pathways Mentoring: Amanda Martinez-Lincoln

2018- VUIIS Human Imaging Core Advisory Committee

2014- Educational Neuroscience Steering Committee

2013- Psychology & Human Development Web Committee

2016–2017 Chair: Vanderbilt Brain Institute Outreach Committee

2015 Psychology & Human Development Graduate Research Fellowship Selection Committee

2014, 2015, 2016 Search Committee: Rhodes Hart Chair in Educational Neuroscience

2014 Search Committee: Cognitive Science of Learning & Development Faculty Hire

2014 Educational Neuroscience Graduate Program Curriculum Development

2013, 2014 Randolph Blake Award Selection Committee

2012, 2013 Distinguished Alumni Award Selection Committee

2012, 2014, 2015, 2016 Neuroscience Graduate Program Qualifying Exams Examination Committee

**Professional:**

2017– Editorial Board: *Mind, Brain, and Education*

2017– Board Member: *International Mind, Brain, & Education Society*

2008 Abstract Review Committee: Organization for Human Brain Mapping Annual Meeting

**Journal Article Reviews:**

*ACTA Psychologica; Behavioural and Brain Functions; Brain and Cognition; Brain Imaging & Behavior; Brain Structure & Function; Cerebral Cortex; Child Development; Cognition; Cognitive Development; Cognitive Neuroscience; Developmental Science; Developmental Cognitive Neuroscience; Frontiers in Psychology; Human Brain Mapping; Journal of Clinical & Experimental Neuropsychology; Journal of Cognitive Neuroscience; Journal of Experimental Child Psychology; Journal of Neuroscience; Journal of Numerical Cognition; Learning & Individual Differences; Memory and Cognition; Nature Communications; Mind, Brain, and Education; Neuroimage; Neuroimage: Clinical; Neuropsychologia; Psychonomic Bulletin.*

**Grant Review Panels:**

2019 National Science Foundation (Panelist)

2018 National Science Foundation (Panelist)

2016 National Science Foundation (Ad Hoc)

2007 Neurological Foundation of New Zealand (Ad Hoc)