

CURRICULUM VITAE

May, 2009

Peter J. Marshall

Department of Psychology
Temple University
Weiss Hall
1701 North 13th St.
Philadelphia, PA 19122

Email: peter.marshall@temple.edu
Office phone: 215-204-5744

Education

- 1997 Ph.D., University of Cambridge, UK
Dissertation: "*Behavioural inhibition, heart period, and heart period variability in young children and their mothers*"
Advisor: Joan Stevenson-Hinde, Sc.D
- 1993 B.A., University of Cambridge, UK. Natural Sciences (Zoology)
Class I degree

Professional Appointments

- 2004- *Assistant Professor*
Department of Psychology, Temple University
- 1999-2004 *Research Assistant Professor*
Department of Human Development, University of Maryland
- 1997-1999 *Faculty Research Associate*
Department of Human Development, University of Maryland

Journal Articles Published or In Press

- Marshall, P. J., Bouquet, C. A., Shipley, T. F., & Young, T. (in press). Effects of brief imitative experience on EEG desynchronization during action observation. *Neuropsychologia*.
- Marshall, P. J., & Kenney, J. W. (in press). Biological perspectives on the effects of early psychosocial experience. *Developmental Review*.
- Marshall, P. J., Reeb, B. C., & Fox, N. A. (in press). Electrophysiological responses to auditory novelty in temperamentally different 9-month-old infants. *Developmental Science*.
- Zeanah, C. H., Egger, H. L., Smyke, A. T., Nelson, C. A., Fox, N. A., Marshall, P. J., & Guthrie, D. (in press). Institutional rearing and psychiatric disorders in Romanian preschool children. *American Journal of Psychiatry*.

- Marshall, P. J. (2009). Relating psychology and neuroscience: Taking up the challenges. *Perspectives on Psychological Science*, 4, 113-125.
- Marshall, P. J., & Shipley, T. F. (2009). Event-related potentials to point-light displays of human actions in 5-month-old infants. *Developmental Neuropsychology*, 34, 368-377.
- Fisher, K. R., Marshall, P. J., & Nanayakkara, A. R. (2009). Motivational orientation, error monitoring, and academic performance in middle childhood: A behavioral and electrophysiological investigation. *Mind, Brain, and Education*, 3, 56-63.
- Ghera, M. M., Marshall, P. J., Fox, N. A., Zeanah, C. H., Nelson, C. A., Smyke, A. T., & Guthrie, D. (2009). The effects of foster care intervention on socially deprived institutionalized children's attention and positive affect: Results from the BEIP study. *Journal of Child Psychology and Psychiatry*, 50, 246-253.
- Marshall, P. J., Reeb, B. C., & Fox, N. A. (2008). Effects of early intervention on EEG power and coherence in previously institutionalized children in Romania. *Development and Psychopathology*, 20, 861-880.
- Hane, A. A., Fox, N. A., Henderson, H. A., & Marshall, P. J. (2008). Behavioral reactivity and approach-withdrawal bias in infancy. *Developmental Psychology*, 44, 1491-1496.
- Marx, B. P., Marshall, P. J., & Castro, F. (2008). The moderating effects of stimulus valence and arousal on memory suppression. *Emotion*, 8, 199-207.
- Nelson, C. A., Zeanah, C. H., Fox, N. A., Marshall, P. J., Smyke, A. T., & Guthrie, D. (2007). Cognitive recovery in socially deprived young children: The Bucharest Early Intervention Project. *Science*, 318, 1937-40.
- Smyke, A. T., Koga, S. F., Johnson, D. E., Fox, N. A., Marshall, P. J., Nelson, C. A., Zeanah, C. H., & the BEIP Core Group (2007). The caregiving context in institution reared and family reared infants and toddlers in Romania. *Journal of Child Psychology and Psychiatry*, 48, 210-218.
- Marshall, P. J., & Fox, N. A. (2005). Relations between behavioral reactivity at 4 months and attachment classification at 14 months in a selected sample. *Infant Behavior and Development*, 28, 492-502.
- Fox, N. A., Henderson, H. A., Marshall, P. J., Nichols, K. E., & Ghera, M. M. (2005). Behavioral inhibition: Linking biology and behavior within a developmental framework. *Annual Review of Psychology*, 56, 235-262.
- Marshall, P. J., Fox, N. A., & the BEIP Core Group (2004). A comparison of the electroencephalogram between institutionalized and community children in Romania. *Journal of Cognitive Neuroscience*, 16, 1327-1338.
- Bar-Haim, Y., Fox, N. A., van Meenen, K. M., & Marshall, P. J. (2004). Children's narratives and patterns of cardiac reactivity. *Developmental Psychobiology*, 44, 238-249.

- Henderson, H. A., Marshall, P. J., Fox, N. A., & Rubin, K. H. (2004). Psychophysiological and behavioral evidence for varying forms and functions of nonsocial behavior in preschoolers. *Child Development, 75*, 251-263.
- Marshall, P. J., Bar-Haim, Y., & Fox, N. A. (2004). The development of P50 suppression in the auditory event-related potential. *International Journal of Psychophysiology, 51*, 135-141.
- Zeanah, C. L., Nelson, C. A., Fox, N. A., Smyke, A. T., Marshall, P., Parker, S. W., & Koga, S. (2003). Designing research to study the effects of institutionalization on brain and behavioral development: The Bucharest Early Intervention Project. *Development and Psychopathology, 15*, 885-907.
- Burgess, K. B., Marshall, P. J., Rubin, K. H., & Fox, N. A. (2003). Infant attachment and temperament as predictors of subsequent externalizing problems and cardiac physiology. *Journal of Child Psychology and Psychiatry and Allied Disciplines, 44*, 819-831.
- Bar-Haim, Y., Marshall, P. J., Fox, N. A., Schorr, E., & Gordon-Salant, S. (2003). Mismatch negativity in socially withdrawn children. *Biological Psychiatry, 54*, 17-24.
- Marshall, P. J., Bar-Haim, Y., & Fox, N. A. (2002). Development of the EEG from 5 months to 4 years of age. *Clinical Neurophysiology, 113*, 1199-1208.
- Bar-Haim, Y., Marshall, P. J., and Fox, N. A. (2000). Developmental changes in high-frequency heart rate variability from 4 months to 4 years of age. *Developmental Psychobiology, 37*, 44-56.
- Marshall, P. J., Fox, N. A., & Henderson, H. A. (2000). Temperament as an organizer of development: Commentary on Campos et al. (2000), Travel broadens the mind. *Infancy, 1*, 239-244.
- Stevenson-Hinde, J., & Marshall, P. J. (1999). Behavioral inhibition, heart period, and respiratory sinus arrhythmia: An attachment perspective. *Child Development, 70*, 805-816.
- Marshall, P. J. & Stevenson-Hinde, J. (1998). Behavioral inhibition, heart period, and respiratory sinus arrhythmia in young children. *Developmental Psychobiology, 33*, 283-292.

Edited Books Published

- Marshall, P. J., & Fox, N. A. (2006). *The development of social engagement: Neurobiological perspectives*. New York: Oxford University Press.

Book Chapters Published

- Marshall, P. J., & Fox, N. A. (2007). Electrophysiological measures in research on social and emotional development. In L. A. Schmidt & S. J. Segalowitz (Eds.). *Developmental psychophysiology* (p. 127-149). New York: Cambridge University Press.

- Marshall, P. J., & Fox, N. A. (2007). The utility of infant EEG and ERP in studying emotional development. In M. de Haan (Ed.), *Infant EEG and event-related potentials* (p. 227-250). Hove, UK: Psychology Press.
- Fox, N. A., Schmidt, L. A., Henderson, H. A., & Marshall, P. J. (2007). Developmental psychophysiology: Conceptual and methodological perspectives. In J. T. Cacioppo, L. G. Tassinary, & G. G. Berntson (Eds.), *Handbook of psychophysiology* (3rd ed., pp. 453-481). New York: Cambridge University Press.
- Marshall, P. J., & Fox, N. A. (2006). Biological approaches to the study of social engagement. In Marshall, P. J., & Fox, N. A. (Eds.), *The development of social engagement: Neurobiological perspectives* (p. 3-18). New York: Oxford University Press.
- Fox, N. A., Henderson, H. A., & Marshall, P. J. (2001). The biology of temperament: An integrative approach. In C. A. Nelson & M. Luciana (Eds.), *Handbook of developmental cognitive neuroscience* (pp. 631-646). Cambridge, MA : MIT Press.
- Marshall, P. J., & Stevenson-Hinde, J. (2001). Behavioral inhibition: Physiological correlates. In W. R. Crozier, and L. E. Alden, (Eds.), *International Handbook of Social Anxiety* (pp. 53-76). Chicester: John Wiley. Reprinted in 2005 in W. R. Crozier and L. E. Alden (Eds.), *The essential handbook of social anxiety for clinicians* (pp. 57-80). Chichester, UK: John Wiley.
- Marshall, P. J., & Fox, N. A. (2000). Emotion regulation, depression, and hemispheric asymmetry. In S. Johnson, A. Hayes, T. Field, N. Schneiderman, & P. McCabe (Eds.), *Stress, coping and depression* (pp. 35-50). Mahwah, NJ : Lawrence Erlbaum.

Paper Presentations and Invited Addresses

- Marshall, P. J. (March, 2009). Conceptualizing brain and mind: The view from embodied cognition. Proseminar in the Department of Psychology, Temple University.
- Marshall, P. J. (March, 2009). Perception-action interactions: The mirror system and beyond. Brown-bag presentation, Department of Psychology, Temple University.
- Marshall, P. J. (October, 2008). Extending the classroom through collaborative projects. Invited presentation to the Instructional Technology User Group at Temple University. Available online at <https://breeze.temple.edu/p32105032/>
- Marshall, P. J. (October, 2008). Relating Psychology and Neuroscience: Taking up the challenges. Brown-bag presentation, Department of Psychology, Temple University.
- Marshall, P. J. (September, 2008). Neurobiological perspectives on the effects of early institutional experience: The Bucharest Early Intervention Project. Invited presentation as part of the Neuroscience Program at Temple University.
- Marshall, P. J. (April, 2008). A developmental social neuroscience approach to perception-action relations. Invited brown-bag presentation at the Center for Children, Relationships, and Culture, University of Maryland, College Park, MD.
- Marshall, P. J. (February, 2008). A developmental social neuroscience approach to perception-action relations. Invited brown-bag presentation at the Institute for the

Study of Child Development, UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ.

- Marx, B., Marshall, P. J., Castro, F. (November, 2007). The moderating effects of stimulus valence and arousal on memory suppression. Paper presented at the 23rd annual meeting of the International Society for Traumatic Stress Studies, Baltimore, MD.
- Marshall, P. J., & Fox, N. A. (April, 2007). Electroencephalographic effects of early intervention in institutionalized children. Paper presentation at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Shiple, T. F., Marshall, P. J., & Bouquet, C. (November, 2006). Learning to imitate: EEG analysis of sequential attempts to imitate complex hand movements. Paper presentation at the annual meeting of the Psychonomic Society, Houston, TX.
- Marshall, P. J. (September, 2006). Blogs and Wikis: Inspiring and tracking student collaboration using Blackboard. Invited presentation to the Instructional Technology User Group at Temple University.
- Marshall, P. J. (September, 2006). Electroencephalographic effects of early intervention in institutionalized children. Invited colloquium at the School of Education, University of Delaware, Newark, DE.
- Marshall, P. J., & Hardin, M. G. (April, 2005). Event-related potentials to auditory novelty at 9 months of age in relation to infant temperament. Paper presentation at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
- Marshall, P. J., & Fox, N. A. (April, 2005). EEG power and coherence in children in institutions and in foster care in Romania. Paper presentation at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
- Marshall, P. J. (March, 2004). An analysis of the EEG in institutionalized children in Romania. Invited brown-bag at the Department of Psychology, George Mason University, Fairfax, VA.
- Marshall, P. J. (October, 2003). The development of the EEG in institutionalized children in Romania. Paper presentation at the meeting of the American Academy of Child and Adolescent Psychiatry, Miami Beach, FL.
- Marshall, P. J. (October, 2003). Temperamental approach and withdrawal tendencies: Recent psychophysiological perspectives. Invited brown-bag at the Department of Psychology, University of Miami, Miami, FL.
- Marshall, P. J. (July, 2003). EEG measures of central nervous system development in institutionalized infants and young children in Romania. Invited brown-bag at the Oregon Social Learning Center, Eugene, OR.
- Marshall, P. J. (April, 2003). Electrophysiological methods for studying brain-behavior relations. Paper presentation at the biennial meeting of the Society for Research in Child Development, Tampa, FL.
- Marshall, P. J., & Fox, N. A. (April, 2003). Electrophysiological measures of auditory novelty processing among institutionalized and community infants and children in

Romania. Paper presentation at the biennial meeting of the Society for Research in Child Development, Tampa, FL.

Marshall, P. J., Flanagan, S. P., & Fox, N. A. (October, 2002). ERP and autonomic responses to unattended auditory oddball stimuli during anticipation of an aversive stimulus. Paper presentation at the annual meeting of the Society for Psychophysiological Research, Washington, DC.

Marshall, P. J., & Fox, N. A. (April, 2002). The development of the EEG in institutionalized infants and young children in Romania. Paper presentation at the biennial meeting of the International Society on Infant Studies, Toronto, ON.

Marshall, P. J. (October, 2001). Development of EEG power spectra from 5 months to 4 years of age. Paper presentation at the annual meeting of the Society for Psychophysiological Research, Montreal, QC.

Bar-Haim, Y., & Marshall, P. J., (April, 2001). Auditory sensory processing in socially withdrawn children. Paper presentation at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN.

Marshall, P. J., & Burgess, K. B. (April, 2001). Do attachment and temperament predict behavioral adjustment and physiology at age 4 years? Paper presentation at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN.

Marshall, P. J., & Fox, N. A. (September, 2000). Central and peripheral correlates of approach and withdrawal tendencies across childhood. Invited presentation at the Occasional Temperament Conference, Mystic, CT.

Henderson, H. A., & Marshall, P. J., (April, 1999). Behavioral inhibition and frontal asymmetry: Relations to social development in middle childhood. Paper presentation at the biennial meeting of the Society for Research in Child Development, Albuquerque, NM.

Marshall, P. J. (October, 1998) Attention and vagal regulation in 2-year-olds. Paper presentation at the annual meeting of the Society for Psychophysiological Research, Denver, CO.

Marshall, P. J. (July, 1997). The Madingley studies of behavioural inhibition. The selected sample at 4.5 and 7 years: Cardiac reactivity. Paper presentation at the International Conference on Self-consciousness and Shyness, University of Wales at Cardiff, UK.

Poster Presentations

Funk, A. Y., Sartor, C. E., & Marshall, P. J. (May, 2009). The development of children's conceptualizations of brain and mind: Implications for education. Poster at the biennial conference of the International Mind, Brain, and Education Society, Philadelphia, PA.

Schimeneck, B. J., McCann, S. M., LaFrance, L. N., Sartor, C. E., Meltzoff, A. N., & Marshall, P. J. (April, 2009). Behavioral reactions of 5-month-olds to live versus

- delayed video images of their mothers. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- McCann, S. M., Schimeneck, B. J., LaFrance, L. N., Sartor, C. E., Meltzoff, A. N., & Marshall, P. J. (April, 2009). Perception of the bodily self in 5-month-old infants: Manipulation of viewpoints and temporal delay. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- Thomas, A. L., Marshall, P. J., Bouquet, C. A., & Shipley, T. F. (April, 2009). Studying motor contagion in four-year-old children. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- Castro, F., Sandt, A. R., & Marshall, P. J. (October, 2008). Postauricular reflex potentiation during safe/threat associative learning. Poster presented at the annual meeting of the Society for Psychophysiological Research, Austin, TX.
- Marshall, P. J., Shipley, T. F., Fisher, K., LaFrance, L., & Catella, S. J. (March, 2008). Event-related EEG mu rhythm responses to point-light actions in 5-month-old infants. Poster presented at the biennial meeting of the International Society on Infant Studies, Vancouver, BC.
- Reeb, B. C., Marshall, P. J., & Fox, N. A. (March, 2008). Temperamental differences in electrophysiological responses to auditory novelty in 3-year-old children. Poster presented at the biennial meeting of the International Society on Infant Studies, Vancouver, BC.
- Shipley, T. F., Marshall, P. J., Bouquet, C. (August, 2007). Perception-action coupling in learning new skills: EEG analysis of imitation of hand movements. Poster presented at the European Conference on Visual Perception, Arezzo, Italy.
- Catella, S. J., LaFrance, L., Burden, L. M., Shipley, T. F., & Marshall, P. J. (July, 2007). Behavioral and neurophysiological assessment of perception-action interactions in preschool children. Invited poster presented at NSF/Autism Speaks workshop "Neurocognitive Development and Autism – the Mirror Neuron Hypothesis", Arlington, VA.
- Fisher, K. R., Nanayakkara, A., & Marshall, P. J. (May, 2007). Neurophysiological and behavioral correlates of error monitoring and student motivation. Poster presented at the meeting of the Jean Piaget Society, Amsterdam, The Netherlands.
- Fitzhugh, S. L., Shipley, T. F., & Marshall, P. J. (May, 2007). The relation between motor cortex activity and perception of form coherence for biological motion stimuli. Poster presented at the meeting of the Vision Sciences Society, Sarasota, FL.
- Fisher, K. R., Marshall, P. J., & Shipley, T. F. (March, 2007). Activation of the infant mirror neuron system during observation of point-light walkers. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Catella, S. J., LaFrance, L., Burden, L. M., Shipley, T. F., & Marshall, P. J. (March, 2007). Behavioral and neurophysiological assessment of perception-action interactions in preschool children. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.

- Castro, F., Marx, B. P., Marshall, P. J., & Soler-Baillo, J. M. (November, 2006). The moderating effect of emotion in suppressing unwanted memories. Poster presented at the annual convention of the Association for Behavioral and Cognitive Therapies, Chicago, IL.
- Hardin, M., Marshall, P. J., & Fox, N. A. (May, 2004). Electrophysiological indices of auditory novelty processing in temperamentally selected 9-month-old infants. Poster presented at the International Conference on Infant Studies, Chicago, IL.
- Lozano, D. I., Raine, A., Baker, L. A., Bezdjian, S., & Marshall, P. J. (October, 2002). Reduced mismatch negativity in violent children. Poster presented at the annual meeting of the Society for Psychophysiological Research, Washington, DC.
- Marshall, P. J., Bar-Haim, Y., & Schorr, E. (October, 2001). Mismatch negativity to tones and speech stimuli in middle childhood. Poster presented at the annual meeting of the Society for Psychophysiological Research, Montreal, Canada.
- Marshall, P. J., Bar-Haim, Y., & Fox, N. A. (October, 2000). Mismatch negativity and P50 gating in middle childhood. Poster presented at the annual meeting of the Society for Psychophysiological Research, San Diego.
- Himmelfarb, D., Marshall, P. J., Bar-Haim, Y., & Fox, N. A. (July, 2000). Relations of early negative reactivity to later social behavior, internalizing problems, and cardiac patterns: Effects of stimulus modality. Poster presented at the biennial meeting of the International Society on Infant Studies, Brighton, UK.
- Marshall, P. J., & Fox, N. A. (October, 1999). Cortical influences on high-frequency heart period variability. Poster presented at the annual meeting of the Society for Psychophysiological Research, Granada, Spain.
- Marshall, P. J., & Stevenson-Hinde, J. (April, 1995). Behavioural inhibition and heart period in young children. Poster presented at the biennial meeting of the Society for Research in Child Development, Indianapolis, IN.

Internal Support Received

Study Leave, Fall 2007 semester

OVPR Research Incentive Fund award, 2007	\$5,000
CLA Research Incentive Fund award, 2007	\$4,000
Summer Fellowship, Temple University, 2006	\$4,500

External Grants and Awards Received

A developmental social neuroscience approach to perception-action relations

National Science Foundation

Project period: 08/07 – 08/10

Role: PI

\$349,771 direct costs, \$524,656 total costs

Electrophysiological correlates of action perception and imitation in children

Tobacco Formula Funding: Individual Investigator Award

Pennsylvania Department of Health

Project period: 01/06-06/07

Role: PI

\$50,000 direct costs, \$58,145 total costs

Mastery motivation and error monitoring in gifted children: Behavioral and neurophysiological correlates

Esther Rose Katzen Award

American Psychological Foundation

Project period: 09/05-06/07

Role: PI

\$25,000 direct costs

Electrophysiology and temperament in institutionalized children: A comparison with foster care

MacArthur Network on Early Experience and Brain Development Junior Faculty Award

Project period: 03/01 - 03/04

Role: PI

\$104,000 direct costs

Incentive motivation, coping style, and EEG asymmetry

B/START (R03) grant for new investigators

National Institutes of Mental Health.

Project period 09/98 – 08/00

Role: PI

\$25,000 direct costs, \$37,500 total costs

Graduate Research Studentship

Medical Research Council, London.

Period of support: 09/93 – 05/97

Teaching Experience at Temple University

NSI 2121

Development, Plasticity, and Repair

PSYCH 301/3301

Phases of Development: Infancy

PSYCH W123/2196

Introduction to Scientific Thinking and Design in Psychology

PSYCH 732/8510

Topical Seminar in Developmental Psychology (Graduate course)

Undergraduate Students Mentored at Temple University (2004-07)

Students supervised for Collaborative Research course credit or Independent Study in Neuroscience course credit: Heather Babyar, Brandi Baldwin, Rachel Caulfield, Dagmawi Dagne, Christianna Kane, Josh Kline, Lauren LaFrance, Seth McCann, Inara O’Gorman, Kat Ruopp, Neete Saha, Sarah Sanders, Ben Schimeneck, Jessica Shaffer, Prerna Sharma, Amanda Thomas, Erika Updegrove, Jennette von Barga.

Students advised in Summer Research Opportunities Program (SROP): LaToya Burden (2006), Amanda Thomas (2008, 2009), Kendra Prussien (accepted for 2009).

Psychology Honors students advised: LaToya Burden, Seth McCann, Jessica Shaffer.

Received 2009 “Excellence in Mentoring” award from the Department of Psychology in recognition of guidance for students in the Honors Psychology Program.

Master's and Doctoral Committee Service at Temple University

<u>Thesis Defense</u>	<u>Candidate</u>	<u>Degree</u>	<u>Department</u>	<u>Role</u>
09/05	Michael Lewis	Ph.D	Psychology	Reader
12/05	Anthony Dick	Ph.D	Psychology	Reader
03/06	Kathy Scott	Ph.D	Comm. Sciences	Reader
03/06	Kristina Hedtke	Ph.D	Psychology	Reader
06/06	Shane Templar-Eynon	Ph.D	PSE	Member
06/06	Aleta Angelosante	Ph.D	Psychology	Reader
07/06	Jennifer Heidt	Ph.D	Psychology	Reader
10/06	Shannon Pruden	Ph.D	Psychology	Reader
12/06	Henry Tran	Ph.D	Psychology	Reader
07/07	Jennifer Davis	Ph.D	Psychology	Reader
08/07	Sari Gold	Ph.D	Psychology	Reader
05/08	Jeannette Smith	Ph.D	Psychology	Member
05/09	Jennifer Bubier	Ph.D	Psychology	Reader
TBA	Julia Parish-Morris	Ph.D	Psychology	Member
TBA	Betsy Wurstner	Ph.D	Psychology	Member
TBA	Justin Kenney	Ph.D	Psychology	Member
TBA	Tilbe Goksun	Ph.D	Psychology	Member
TBA	Arthur Sandt	Ph.D	Psychology	Member

Doctoral students currently advised: Frank Castro (research advisor)

Departmental Committee Service at Temple University

2004-05 Cognitive Neuroscience Search Committee, Department of Psychology
2006-07 Cognitive Neuroscience Search Committee, Department of Psychology
2006-present Undergraduate Committee, Department of Psychology
2008-09 Neuroscience Search Committee, Department of Psychology

Other Service

2009- Faculty Mentor for Psi Chi at Temple University

Journal Review Experience

2003 - Member, Editorial Board, *Infancy*
2005-06 Member, Editorial Board, *SRCD Monographs*
Ad hoc: *American Journal of Psychology*
Biological Psychiatry
Brain and Cognition
Child Development
Clinical Neurophysiology
Cognitive Psychology
Development and Psychopathology
Developmental Psychobiology
Developmental Psychology
Developmental Science
Emotion
Human Development
Infant Behavior and Development
Journal of Applied Developmental Psychology
Journal of Clinical Child and Adolescent Psychology
Journal of Child Psychology and Psychiatry
Journal of Cognitive Neuroscience
Journal of Traumatic Stress
Perspectives on Psychological Science
Psychological Science
Topics in Language Disorders

Other Review Experience

Grants: *Academy of Finland*

Institute of Education Sciences (peer review panel member for Early Intervention and Early Childhood Education)

National Science Foundation

Abstracts: *Biennial meeting of the Society for Research in Child Development*

Book proposals: *Oxford University Press*

Consultancies Provided

Psychophysiological laboratory setup and protocol development services provided for Philip Fisher (Oregon Social Learning Center) & Adrian Raine (University of Southern California).

Professional Memberships

Association for Psychological Science

International Mind, Brain and Education Society

International Society on Infant Studies

Society for Research in Child Development