

**Curriculum Vitae
June 2007**

PERSONAL

Name	Heather A. Henderson, Ph.D.
Institution	University of Miami
Academic Rank	Assistant Professor
Primary Department	Psychology

HIGHER EDUCATION

University of Maryland, Ph.D., 2002
University of Guelph, Canada, M.A., 1996
McMaster University, Canada, B.Sc., 1993

EXPERIENCE

Academic	University of Miami, Assistant Professor, 01/03 – present University of Maryland, Faculty Research Assistant, 09/01-12/02 University of Maryland, Graduate Research Assistant, 09/96-08/01
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PUBLICATIONS

Henderson, H. A., & Wachs, T. D. (*in press*). Temperament theory and the study of cognition-emotion interactions across development. *Developmental Review*.

Degnan, K. A., Henderson, H. A., Fox, N. A., & Rubin, K. H. (*in press*). Predicting social wariness in middle childhood: The moderating roles of child care history, maternal personality, and maternal behavior. *Social Development*.

Henderson, H. A., & Fox, N. A. (2007). Considerations in studying emotion in infants and children. In J.A. Coan & J.J.B. Allen (Eds.), *The Handbook of Emotion Elicitation and Assessment* (pp. 827-864). New York, NY: Oxford University Press.

Fox, N. A., Schmidt, L. A., Henderson, H. A., & Marshall, P. J. (2007). Developmental Psychophysiology: Conceptual and methodological issues (3rd Edition). In J.T. Cacioppo, L. G. Tassinary, & G. G. Berntson (Eds.), *Handbook of Psychophysiology* (pp. 453-481). New York: Cambridge University Press.

Perez-Edgar, K., Roberson-Nay, R., Hardin, M. G., Poeth, K., Guyer, A. E., Nelson, E. E., McClure, E. B., Henderson, H. A., Fox, N. A., Pine, D. S., & Ernst, M. (2007). Attention alters neural responses to evocative faces in behaviorally inhibited adolescents. *NeuroImage*, 35, 1538-1546.

- Henderson, H. A., Schwartz, C. B., Mundy, P., Burnette, C., Sutton, S. K., Zahka, N., & Pradella, A. (2006). Response monitoring, the error-related negativity, and differences in social behavior in autism. *Brain and Cognition*, *61*, 96-109.
- Guyer, A. E., Nelson, E. E., Perez-Edgar, K., Hardin, M. G., Roberson-Nay, R., Monk, C. S., Bjork, J. M., Henderson, H. A., Pine, D. S., Fox, N. A., & Ernst, M. (2006). Striatal functional alteration in adolescents characterized by early childhood behavioral inhibition. *Journal of Neuroscience*, *26*, 6399-6405.
- Henderson, H. A., & Schwartz, C. B. (2005). Prosocial behavior. In N. J. Salkind (Ed.), *Encyclopedia of Human Development*. Thousand Oaks, CA: Sage.
- Fox, N. A., Nichols, K., Henderson, H. A., Rubin, K. H., Schmidt, L. A., Hamer, D., Ernst, M., & Pine, D. (2005). Evidence for a gene-environment interaction in predicting behavioral inhibition in middle childhood. *Psychological Science*, *16*, 921-926.
- 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.
- 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.
- Henderson, H. A., Fox, N. A., & Rubin, K. H. (2001). Temperamental contributions to social behavior: The moderating roles of frontal EEG asymmetry and gender. *Journal of the American Academy of Child and Adolescent Psychiatry*, *40*, 68-74.
Reprinted in M. E. Hertzog & E. A. Farber (Eds.) (2005), *Annual Progress in Child Psychiatry and Child Development*. New York: Routledge/Taylor & Francis Group.
- Fox, N. A., Henderson, H. A., Rubin, K. H., Calkins, S. D., & Schmidt, L. A. (2001). Continuity and discontinuity of behavioral inhibition and exuberance: Psychophysiological and behavioral influences across the first four years of life. *Child Development*, *72*, 1-21.
- Fox, N. A., Henderson, H. A., & Marshall, P. J. (2001). The biology of temperament: An integrative approach. In C.A. Nelson & M. Luciana (Eds.), *The Handbook of Developmental Cognitive Neuroscience* (pp. 631-645). Cambridge, MA: MIT Press.
- 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.
- Fox, N. A., Schmidt, L. A., & Henderson, H. A. (2000). Developmental psychophysiology: Conceptual and methodological perspectives (2nd Edition). In J.T. Cacioppo, L. G. Tassinary, & G. G. Berntson (Eds.), *Handbook of Psychophysiology* (pp. 665-686). New York: Cambridge University Press.
- Fox, N. A., & Henderson, H. A. (1999). Does Infancy Matter? Predicting social behavior from infant

temperament. *Infant Behavior and Development*, 22(4), 445-455.

Geldart, S., Maurer, D., & Henderson, H. A. (1999). Effects of the height of the internal features of faces on adults' aesthetic ratings and 5-month-olds' looking times. *Perception*, 28, 839-850.

Henderson, H. A., & Fox, N. A. (1998). Inhibited and uninhibited children: Challenges in school settings. *School Psychology Review*, 27, 492-505.

Rubin, K. H., Hastings, P. D., Stewart, S. L., Henderson, H. A., & Chen, X. (1997). The consistency and concomitants of inhibition: Some of the children, all of the time. *Child Development*, 68, 467-483.

RECENT PRESENTATIONS

Henderson, H. A. (2007, May). The regulation of approach/withdrawal tendencies through attentional control. In T. Dennis (Chair), *An individual differences approach to the study of child emotional regulation and competence*. Symposium conducted at the 19th Annual Convention of the Association for Psychological Science, Washington, DC.

Henderson, H. A. (2007, April). *Temperamental reactivity and self-regulation: Implications for development*. Invited presentation at the Counseling and Psychological Services Center, Florida International University, Miami, FL.

Fox, N. A., Henderson, H. A., & Levin, L. (2007, June). *Mechanisms linking early temperament to adolescent social competence: The role of social cognitive processing*. Paper presented at the 13th Meeting of the International Society for Research in Child and Adolescent Psychopathology, London.

Henderson, H. A. (2006, May). Executive functions: Contributions to developmental and individual differences in self-regulation. Paper presented in the *Simpozion International: Developmental Cognitive and Affective Neuroscience*. Symposium conducted at the Biennial Meeting of the Romanian Psychology Association, Cluj-Napoca, Romania.

Henderson, H. A. (2006, May). Phenotypic variability among high functioning children with autism: The role of executive functions. Paper presented in the *Simpozion International: Developmental Cognitive and Affective Neuroscience*. Symposium conducted at the Biennial Meeting of the Romanian Psychology Association, Cluj-Napoca, Romania.

Schwartz, C., Henderson, H., Zahka, N., Pradella, A., Mundy, P., Kojkowski, N., Hilemen, C., Buchman, A. (2006, June). *Examining a "goodness-of-fit" model between children with high functioning autism and their parents*. Poster presented at the International Meeting for Autism Research, Montreal, Canada.

Mundy, P., Henderson, H., Zahka, N., Schwartz, C., Kojkowski, N., Pradella, A., Hileman, C. (2006, June). Moderators of development in autism. Poster presented at the International Meeting for Autism Research, Montreal, Canada.

Pradella, A., Burnette, C., Zahka, N., Schwartz, C., Hileman, C., Henderson, H., Mundy, P. (2006, June). *Age, electroencephalograph asymmetry and social-emotional status in children*. Poster presented at the 2006 Annual Convention of the American Psychological Society, New York, NY.

- Munis, P., Greenfield, D. B & Henderson, H. A. (June, 2006). *Temperament, Approaches to Learning and Children's School Readiness*. Poster presented at Head Start's 8th National Research Conference, Washington, D.C.
- Munis, P., Greenfield, D. B & Henderson, H. A. (June, 2006). *Temperament, Approaches to Learning and Children's School Readiness*. Poster presented at Institute of Educational Sciences Research Conference, Washington, DC.
- Hileman, C., Burnette, C., Sutton, S., Henderson, H., & Mundy, P. (June, 2006). *Effective intervention in school settings requires the recognition of individual differences in autism*. Poster presented at Institute of Educational Sciences Research Conference, Washington, DC.
- Henderson, H. A. (2005, April). *Behavioral Inhibition and Behavioral Approach Systems*. Invited presentation in Pathways of Development: Perspectives from Developmental, Cognitive and Affective Neuroscience. Conference presented by The Center for Neurobehavioral Development, University of Minnesota, Minneapolis, MN.
- Henderson, H. A. (2005, April). *Temperamental predictors of social competence in toddlerhood*. In N. Fox (Chair), *Setting the trajectories for social competence: Temperament, caregiving, and context*. Symposium conducted at the Biennial Meeting of the Society for Research in Child Development, Atlanta, GA.
- Henderson, H., Schwartz, C., Mejia, E., Moas, O. (2005, April). *Attentional control and the regulation of approach/withdrawal tendencies in children*. Poster presented at the SRCD Temperament/Personality Preconference, Atlanta, GA.
- Schwartz, C., Henderson, H., Burnette, C., Sutton, S., Weisman, A., Zahka, N., & Mundy, P. (2005, April). *Variations in self-monitoring and anxiety in higher functioning children with autism*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, GA.
- Burnette, C., Sutton, S., Meyer, J., Henderson, H., Schwartz, C., Zahka, N., & Mundy, P. (2005, April). *Frontal asymmetry subgroups and cognitive processes in autism*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, GA.
- Munis, P., Greenfield, D., Henderson, H., & George, J. (2005, April). *Development of the Teacher Temperament Classification System for assessing preschool children*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, GA.
- Sutton, S. K., Henderson, H. A., & Mundy, P. (April, 2005). *Resting anterior EEG asymmetry and error-related negativity in high-functioning children with autism*. Paper presented at the 11th annual meeting of the Emotion Research Group, Asheville, NC.
- Zahka, N., Burnette, C., Weisman, A., Henderson, H., Schwartz, C., Sutton, S., Mundy, P. (2005, April). *Family factors and social-emotional development in autism*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, GA.

- Schwartz, C.B., Henderson, H.A., Burnette, C.P., Zahka, N.E., Sutton, S.K., Pradella, A.G., Mundy, P.C. (May, 2005). *Physiological variations in self-monitoring and affective presentation in higher functioning children with autism*. Poster presented at the International Meeting for Autism Research, Boston, MA.
- Burnette, C.P., Zahka, N.E., Schwartz, C.B., Sutton, S.K., Henderson, H.A., Pradella, A.G., Mundy, P.C. (May, 2005). *EEG asymmetry and social-emotional behaviors in high functioning autism: A replication study*. Poster presented at the International Meeting for Autism Research, Boston, MA.
- Zahka, N.E., Weisman, A., Burnette, C.P., Schwartz, C.B., Pradella, A.G., Henderson, H.A., Sutton, S.K., Mundy, P.C. (May, 2005). *Parental attitude and social-emotional development in higher functioning children with autism*. Poster presented at the International Meeting for Autism Research, Boston, MA.
- Henderson, H. A. (2004, May). Individual differences in the adaptiveness of self-control. In K. Perez-Edgar (Chair), *Temperamental and Self-Regulatory Processes in Cognitive Performance and Social Behavior*. Symposium conducted at the International Conference on Infant Studies, Chicago, IL.
- Henderson, H. A. (2004, March). *Temperament and children's social behavior: Reactive and self-regulatory processes*. Invited presentation in the Miami Dade College Guest Lecture Series in Psychology, Miami, FL.
- Munis, P., Greenfield, D. B., Henderson, H. A., & George, J. (June, 2004). *Individual differences in Head Start children's approaches to learning*. Poster session at Head Start's 7th National Research Conference, Washington, D.C.

PROFESSIONAL

Research Funding

09/06 – 08/07

University of Miami: General Research Support Award (Henderson, PI)

“Self-monitoring as a predictor of social behavior among higher functioning children with autism”

This award supports a pilot study examining individual differences in social interactions with an unfamiliar peer among a sample of higher functioning children and adolescents with autism. Physiological (EEG/ERP) and behavioral measures of self-monitoring will be examined as predictors of social effectiveness.

08/06 – 07/11

NICHHD R01 HD47417 (Messinger, PI, Henderson, Co-Investigator)

“Emotion, Communication, and EEG: Development and Risk”

The purpose of this grant is to investigate pathways to typical and atypical development in the first three years of life among 100 typically developing infant siblings and 100 infant siblings of children with Autism Spectrum Disorder (ASD). Patterns of emotional, communicative, and physiological functioning in the first year of life will be used to predict variations in social, emotional, communicative, and cognitive functioning in the second and third years of life. Dr. Henderson's primary roles are in the design, implementation, and analysis of behavioral assessments of temperament and assessments of frontal EEG asymmetry.

03/05 – 02/10

NIMH R01 MH71273 (Mundy, PI, Henderson, Co-Investigator)

“Motivation, Self-Monitoring, and Family Process in Autism”

The purpose of this grant is to assess a sample of high functioning children with autism in order to better understand the role of basic processes that may function to moderate developmental trajectories. Dr. Henderson’s primary roles are in the design, implementation, and analysis of (1) frontal EEG asymmetry as an index of approach/withdrawal tendencies, and (2) ERP assessments indexing response monitoring. These measures will be used as predictors of variations in symptom presentation and social/emotional functioning among HFA children.

02/05 – 01/08

NIMH R01 MH074454 (Fox, PI, Henderson, Co-Investigator)

“The effects of early temperament on social behavior in adolescence”

The purpose of this grant is to assess during adolescence a longitudinal sample of children that has been followed since early infancy. Five broad areas are being assessed: Cognitive processing of emotional and social stimuli; resting physiological activity and reactivity to threat, self-concept and behavioral adaptation, observed social behavior in response to an unfamiliar peer and the presence of anxiety disorders. The subcontract to Dr. Henderson funds the development, validation, and implementation of coding schemes capturing social cognitive biases and social anxiety during interactions with unfamiliar peers.

09/01 – 08/06, 09/06 – 08/11

NICHHD R01 HD17899 (Fox, PI, Henderson, Co-Investigator)

“Affect and Cerebral Asymmetry: A Developmental Approach”

The purpose of this grant is to explore the development of regulated and unregulated social behavior of children from infancy to four years of age. This data is collected at the University of Maryland and a subcontract to Dr. Henderson supports the development and implementation of coding systems to quantify aspects of the dyadic interactions from the 24- and 36-month laboratory assessments.

09/03 – 08/04

University of Miami – General Research Support Award (Henderson, PI)

“Developmental and Personality Differences in Self-Monitoring: A Multilevel Analysis”

The purpose of this award was to examine the associations between self-reported temperament and physiological (ERP) indices of response monitoring in children and young adults.

Editorial Responsibilities (Reviewing):

Journals:

Human Development

International Journal of Behavioral Development

Journal of Cognitive Neuroscience

Behaviour Research and Therapy

Journal of Applied Developmental Psychology

Developmental Psychology

Early Childhood Research Quarterly

Child Development

Social Development

Infancy
Cognition and Emotion
Journal of Communication Disorders
Journal of Personality
Journal of Personality and Social Psychology

Grants: Ontario Mental Health Foundation (2004)
The United States Civilian Research and Development Foundation (2004)
Innovative Investigations Grants Program, The Hospital for Sick Children,
Toronto (2003, 2007)

Conference Submissions:
International Society for the Study of Behavioural Development, 2006 Biennial Meeting, Panel on Perceptual, Sensory, Motor, and Psychobiological Processes
Society for Research in Child Development, 2005 Biennial Meeting, Panel 14 Perceptual, Sensory, Motor Psychobiological, and Neuropsychological Processes

Textbooks: John Wiley & Sons - *Child Development Series* (2004)
Worth Publishers-*Developmental Psychology Series* (2002)

Professional Organizations (Membership)

Member, Society for Research in Child Development (1996-present)
Member, Society for Psychophysiological Research (2002-present)
Member, American Psychological Society (2002-present)

Honors and Awards:

2007: Scholarly and Creative Activities Award, College of Arts and Sciences, University of Miami.
2007: Teacher of the Year Award, Psychology Graduate Student Association, University of Miami.
2007: MUSE Award in Psychology: Awarded for Outstanding Contributions to the Undergraduate Program in the Department of Psychology, University of Miami.
2006: Excellence in Teaching Award Nominee, Office of Instructional Advancement, University of Miami
2006: Outstanding Faculty Member of the Semester Award Nominee, Fraternity/Sorority Community at the University of Miami
2005: Henderson, Fox, & Rubin (2001) Selected as exemplary of the most current research and scholarship available in the field of child psychiatry and child development. Paper reprinted in M. E. Hertzig & E. A. Farber (Eds.) (2005), *Annual Progress in Child Psychiatry and Child Development*. New York: Routledge/Taylor & Francis Group.
2005: Outstanding Faculty Member of the Semester Award Nominee, Fraternity/Sorority Community at the University of Miami
2004: Tri-Delta Faculty Fellowship-- awarded for outstanding contributions to undergraduate education at the University of Miami

- 2001: Travel Award to the 7th Annual Wisconsin Symposium on Emotion: The Developmental Neurobiology of Emotion and Emotional Disorders, Madison, WI.
- 2000: Fellowship to the Summer Institute in Cognitive Neuroscience, Hanover, NH.
- 1997 – 2000: Social Sciences and Humanities Research Council of Canada (SSHRC) Doctoral Fellowship.
- 1994 – 1996: Natural Science and Engineering Research Council of Canada (NSERC)- Postgraduate Scholarship A.
- 1992: J.L.W Gill Prize, McMaster University
- 1992: McMaster Psychology Society Prize

Teaching Specialization: Advanced Developmental Psychology (Psy 620)
 Graduate Seminar on Temperament and Development (Psy 688)
 Child and Adolescent Development (Psy 203)
 Experimental Psychology (Psy 316)
 Undergraduate Research Supervision (Psy 367)

Thesis and Dissertation Advising:

Graduate Student Committees Chaired – University of Miami, Psychology Department

Committee Chair, Contributions of Temperament and Self-Monitoring to Social Adaptation among Higher Functioning Children with Autism, Caley Schwartz, Doctoral Dissertation Proposal, July 2007.

Committee Chair, Individual differences in preschool children’s temperament and its contribution to classroom behavior and cognitive school readiness, Olga Moas, Master’s Thesis Proposal.

Committee Chair, The Influence of Temperamental History on Autobiographical Memories and Social Anxiety in Adolescence, Laura Levin, Master’s Thesis Proposal, March 2007.

Committee Chair, Self-monitoring and Anxiety in High Functioning Children with Autism, Caley Schwartz, Master’s Thesis, August 2005

Undergraduate Honors Thesis Committees Chaired - University of Miami, Psychology Department

Chair, Predicting attributional styles using self-reported temperament, Jennifer Escobar, Senior Honors Thesis, April 2004

Chair, The Influence of Self-Monitoring on the Relation Between Social Anxiety and Negative Attributional Style, Elizabeth Mejia, Senior Honors Thesis (Summa), April 2005

Chair, Individual Differences in Toddlers’ Social Problem Solving Skills: The Influence of Social Fearfulness, Olga Moas, Senior Honors Thesis, December 2005

Chair, The evocative effects of temperament on toddlers’ play with peers, Jennifer Kelsen, Senior Honors Thesis (Summa), April 2006

Chair, Interrelations among dispositional and behavioral predictors of externalizing behaviors in toddlers, Tamielle Horn, Senior Honors Thesis (Magna), April 2006.

Chair, EEG asymmetries as predictors of motivational and affective biases in adolescents with high functioning autism, Nate Helwig, Senior Honors Thesis (Summa), April 2007.

Chair, Temperamental predictors of social adaptation in middle childhood, Cleo Samuel, Senior Honors Thesis (Summa), April 2007.

Chair, Assessment of self-monitoring in high functioning autism, Pooja M. Soni, Senior Honors Thesis (Magna), April 2007.