

## Gregory Durrelle Reynolds

(4-1-2016)

### **Office Address:**

Department of Psychology  
University of Tennessee  
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### **Educational History:**

**Ph.D.**, May 2002, Virginia Polytechnic Institute and State University - Blacksburg  
*major:* Developmental Psychology  
*dissertation:* " Effects of Prenatal Sensory-Evoked Arousal on Postnatal Behavior and Perceptual Responsiveness in Bobwhite Quail "  
*mentor:* Robert Lickliter, Ph.D.

**M.A.**, May 1999, East Tennessee State University – Johnson City  
*major:* Experimental Psychology  
*thesis:* " Athletic Participation and Gender in Relation to Ego Identity "  
*mentor:* James Perry, Ed.D.

**B.A.**, August 1993, University of Tennessee – Knoxville  
*major:* Psychology

### **Professional Experience:**

2013 – present Associate Professor, Department of Psychology, University of Tennessee, Knoxville, TN.  
2007 – 2013 Assistant Professor, Department of Psychology, University of Tennessee, Knoxville, TN.  
2005 – 2007 Assistant Professor, Department of Psychology, Appalachian State University, Boone, NC.  
2004 – 2005 Research Assistant Professor, Department of Psychology, University of South Carolina, Columbia, SC.  
2002 – 2004 Postdoctoral Research Fellow, Department of Psychology, University of South Carolina, Columbia, SC.

### **Honors and Awards:**

2014 Recipient of Mid-Career Convocation Award for Excellence in Research and Creative Achievement, College of Arts & Sciences, University of Tennessee  
2014 Recipient of Chancellor's Award for Success in Multidisciplinary Research, University of Tennessee

- 2014 Nominated for Chancellor's Award for Professional Promise in Research, University of Tennessee
- 2013 Nominated for Chancellor's Award for Professional Promise in Research, University of Tennessee
- 2008 Distinguished Alumni Award, Department of Psychology, Virginia Tech
- 1998 Gamma Beta Phi Honor Society
- 1998 Psi Chi Honor Society
- 1990 Alpha Lambda Delta Honor Society
- 1990 Phi Eta Sigma Honor Society

### **Mentored Students' Honors and Awards:**

- 2016 Erin Nance – Chancellor's Citation for Professional Promise, University of Tennessee.
- 2016 Michael Stephanides – Chancellor's Citation for Professional Promise, University of Tennessee.
- 2014 Margaret W. Guy – Chancellor's Citation for Professional Promise, University of Tennessee.
- 2014 Matthew F. Singh – Outstanding Graduate in Psychology, University of Tennessee.
- 2013 Margaret W. Guy – Department of Psychology's Science Alliance Research Award, University of Tennessee.

### **Extramural Grants:**

#### **Funded:**

- 2013 *Neural Correlates of Infant Attention and Action*  
 Agency: National Institutes of Health/National Institute of Child Health and Human  
 Type of Grant: R21  
 Role: PI (Daniela Corbetta is dual PI) Period: 6/2013 – 5/2016  
 Total Amount: \$389,508
- 2012 *Infant Visual Attention: Neural Mechanisms and Individual Differences*  
 Agency: National Science Foundation  
 Type of Grant: Research grant  
 Role: PI Period: 9/2012 – 8/2016 Total Amount: \$259,240
- 2012 *Acquisition of Infant/Robot Grasp Learning Instrumentation*  
 Agency: National Science Foundation  
 Type of Grant: MRI  
 Role: Co-PI (Lynne Parker is PI; Daniela Corbetta, Itamar Arel, and Bruce McLennan  
 are Co-PIs) Period: 9/2012 – 8/2016 Total Amount: \$312,844
- 2012 Pediatric Research Loan Repayment Program  
 Agency: National Institutes of Health/National Eye Institute  
 Role: PI Period: 9/2012 – 8/2013

- 2011 Pediatric Research Loan Repayment Program  
Agency: National Institutes of Health/National Eye Institute  
Role: PI Period: 9/2011 – 8/2012
- 2009 *Development of Intermodal Perception of Social Events: Infancy to Childhood*  
Agency: National Institutes of Health/National Institute of Child Health and Human  
Development  
Type of Grant: R01 Role: Consultant to PI (Lorraine Bahrck)  
Period: 8/1/2009 – 7/31/2012 Amount to Reynolds: \$5,000/year
- 2005 *Infant Attention and Recognition Memory*  
Agency: National Institutes of Health/National Institute of Child Health and Human  
Development  
Type of Grant: R03  
Role: PI Period: 9/2005 – 8/2008 Total Amount: \$127,000
- 2003 Pediatric Research Loan Repayment Program  
Agency: National Institutes of Health/National Eye Institute  
Role: PI Period: 9/2003 – 8/2007

**Not Funded:**

- 2015 *Infant visual attention and cognitive processing (Resubmission)*  
Agency: National Institutes of Health/National Institute of Child Health and Human  
Development  
Type of Grant: R01  
Role: PI Period: 7/2016 – 6/2021  
Amount requested: \$1,830,000 Amount to Reynolds: \$1,250,000  
Status: Not funded
- 2015 *Infant visual attention and cognitive processing*  
Agency: National Institutes of Health/National Institute of Child Health and Human  
Development  
Type of Grant: R01  
Role: PI Period: 9/2015 – 8/2020  
Amount requested: \$1,830,000 Amount to Reynolds: \$1,250,000  
Score: 39, 26<sup>th</sup> percentile
- 2014 *Physical activity, cognition, and academic achievement in diverse, low socioeconomic  
status elementary school children*  
Agency: National Institutes of Health/National Institute of Child Health and Human  
Development  
Type of Grant: R15  
Role: Consultant (Dawn Coe is PI) Period: 10/2013 – 9/2016

Amount requested: \$343,537  
Score: Not Scored

Amount to Reynolds: \$5,000

- 2011 *Neural Mechanisms Associated with Individual Differences in Infant Attention (Resubmission)*  
Agency: National Institutes of Health/National Institute of Child Health and Human Development  
Type of Grant: R03 Revision  
Role: PI                      Amount Requested: \$149,000                      Status: Not funded
- 2010 *Neural Mechanisms Associated with Individual Differences in Infant Attention*  
Agency: National Institutes of Health/National Institute of Child Health and Human Development  
Type of Grant: R03  
Role: PI                      Amount Requested: \$149,000                      Score: 32, 24<sup>th</sup> percentile
- 2009 *Individual Differences and Neural Correlates of Infant Attention and Action*  
Agency: National Institutes of Health/National Institute of Child Health and Human Development  
Type of Grant: R21  
Role: PI (Daniela Corbetta was dual-PI)  
Amount Requested: \$385,880                      Score: Not scored
- 2009 *Neural Correlates of Infant Visual Attention*  
Agency: National Science Foundation  
Type of Grant: Research grant  
Role: PI                      Amount Requested: \$505,153                      Score: Not scored

**Intramural Grants:**

- 2016 UTK Office of Research Summer Graduate Research Assistant Award, Amount: \$3,600
- 2013 – 2014 NeuroNET Seed Grant, Collaborative project with Dr. Douglas Birdwell (EECS), Amount: \$23,570.
- 2012 UTK Office of Research Summer Graduate Research Assistant Award, Amount: \$3,600
- 2010 – 2011 UTK Professional Development Award for Faculty Research, Amount: \$5,000
- 2010 UTK Office of the Chancellor Undergraduate Summer Internship Award
- 2009 – 2010 UTK Chancellor's Award for Research, Amount: \$6,000

**Peer-Reviewed Journal Articles:**

*\* indicates student co-author*

**Reynolds, G.D., & \*Romano, A. C.** (2016). The development of attention systems and working memory in infancy. Frontiers in Systems Neuroscience, 10, 1 – 12.

**Reynolds, G.D.** (2015). Infant visual attention and object recognition. Behavioural Brain Research, 285, 34 – 43.

**Reynolds, G.D., Bahrick, L.E., Lickliter, R., & \*Guy, M.W.** (2014). Neural correlates of intersensory processing in 5-month-old infants. Developmental Psychobiology, 56, 355 – 372.

**\*Guy, M.W., Reynolds, G.D., & \*Zhang, D.** (2013). Visual attention to global and local stimulus properties in six-month-old infants: Individual differences and event-related potentials. Child Development, 84, 1392 – 1406.

**Reynolds, G.D., \*Zhang, D., & \*Guy, M.W.** (2013). Infant attention to dynamic audiovisual stimuli: Look duration from 3 to 9 months of age. Infancy, 18, 554 – 577.

**Reynolds, G.D., & \*Guy, M.W.** (2012). Brain-behavior relations in infancy: Integrative approaches to examining infant looking behavior and event-related potentials. Developmental Neuropsychology, 37(3), 210 – 225.

**Reynolds, G.D., \*Guy, M.W., & \*Zhang, D.** (2011). Neural correlates of individual differences in infant visual attention and recognition memory. Infancy, 16 (4), 368 – 391.

**Reynolds, G.D., Courage, M.L., & Richards, J.E.** (2010). Infant attention and visual preferences: Converging evidence from behavior, event-related potentials, and cortical source localization. Developmental Psychology, 46 (4), 886 – 904.

**Richards, J.E., Reynolds, G.D., & Courage, M.L.** (2010). The neural bases of infant attention. Current Directions in Psychological Science, 19(1), 41-46.

**Reynolds, G.D., & Richards, J.E.** (2009). Cortical source localization of infant cognition. Developmental Neuropsychology, 34 (3), 312-329.

**Courage, M.L., Reynolds, G.D., & Richards, J.E.** (2006). Infants' visual attention to patterned stimuli: Developmental change from 3- to 12-months of age. Child Development, 77(3), 680-695.

**Reynolds, G.D., & Richards, J.E.** (2005). Familiarization, attention, and recognition memory in infancy: An ERP and cortical source localization study. Developmental Psychology, 41 (4), 598-615.

**Reynolds, G.D., & Lickliter, R. (2004).** Modified prenatal sensory stimulation influences postnatal behavioral and perceptual responsiveness in bobwhite quail chicks (*Colinus Virginianus*). Journal of Comparative Psychology, 118, 172-178.

**Reynolds, G.D., & Lickliter, R. (2003).** Effects of redundant and non-redundant bimodal stimulation on heart rate in bobwhite quail embryos. Developmental Psychobiology, 43, 304-310.

**Reynolds, G.D., & Lickliter, R. (2002).** Effects of prenatal sensory stimulation on heart rate and behavioral measures of arousal in bobwhite quail embryos. Developmental Psychobiology, 41, 112-122.

### **Invited Book Chapters:**

**Reynolds, G.D., Courage, M.L., & Richards, J.E. (2013).** The development of attention. In D. Reisberg (Ed.), Oxford Handbook of Cognitive Psychology, pp. 1000 – 1013. Oxford University Press: New York, NY.

**Reynolds, G.D., & Richards, J.E. (2008b).** Attention and early brain development. In R.E. Tremblay, R. deV Peters, M. Boivin and R. G. Barr (Eds.), Encyclopedia on Early Childhood Development. The Centre of Excellence for Early Childhood Development.

**Reynolds, G.D., & Richards, J.E. (2008a).** Infant heart rate: A developmental psychophysiological perspective. In L.A. Schmidt & S.J. Segalowitz (Eds.), Developmental Psychophysiology: Theory, Systems, and Methods, pp. 173 - 212. Cambridge University Press.

### **Manuscripts Under Review and In Preparation:**

*\* indicates student co-author*

**Reynolds, G.D., & \*Romano, A. (in preparation).** The development of attention systems and working memory in infancy. Invited paper for special topics issue on the cognitive neuroscience of working memory. Frontiers in Systems Neuroscience.

**Reynolds, G.D., & Richards, J.E. (in preparation).** Attention and stimulus repetition effects on infant recognition memory.

### **Presentations at Scientific Meetings:**

*\* indicates student co-author*

Reynolds, G.D. (May, 2015). Developmental Cognitive Neuroscience of Infant Attention.. Invited paper presented at the Neural Complexity Collaboration Workshop. Oak Ridge National Laboratory, Oak Ridge, TN.

- \*Dixon, K.C., \*Mosteller, S.M., \*Guy, M.W., \*Capps, S.C., \*Frix, K.L., & **Reynolds, G.D.** (March, 2015). *Neural Correlates of Other-Species Face Processing in Infancy: Perceptual Narrowing and Categorization*. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- \*Guy, M.W., \*Dixon, K.C., \*Mosteller, S.M., \*Leeper, A., \*Ciesielski, C., & **Reynolds, G.D.** (March, 2015). *Effects of Stimulus Symmetry and Individual Differences on Hierarchical Visual Processing in Six-Month-Old Infants*. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- \*Mosteller, S.M., \*Guy, M.W., \*Dixon, K.C., \*Capps, S.C., \*Frix, K.L., \*Connell, J.P., & **Reynolds, G.D.** (March, 2015). *The Effect of Local Element Density on Processing of Visual Hierarchical Patterns: An Infant ERP Study*. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- \*Dixon, K.C., \*Mosteller, S.M., \*Guy, M.W., \*McGill, L.E., \*Scruggs, A.M., \*Singh, M.F., & **Reynolds, G.D.** (November, 2013). *Covert orienting and visual attention in 4-month-old infants*. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, San Diego, CA.
- \*Guy, M.W., \*Dixon, K.C., \*Mosteller, S.M., \*Davis, J.H., \*Pilkay, S.R., \*McGill, L.E., \*Scruggs, A.M., \*Singh, M.F., & **Reynolds, G.D.** (November, 2013). *The impact of symmetry on hierarchical processing in 6-month-old infants*. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, San Diego, CA.
- \*Guy, M.W., \*Dixon, K.C., \*Mosteller, S.M., \*Davis, J.H., \*Pilkay, S.R., \*McGill, L.E., \*Scruggs, A.M., \*Singh, M.F., & **Reynolds, G.D.** (November, 2013). *The impact of symmetry on hierarchical processing in 6-month-old infants*. Poster presented at the Learning to Attend, Attending to Learn Workshop: Neurological, behavioural, and computational perspectives, San Diego, CA.
- \*Mosteller, S.M., \*Guy, M.W., \*Dixon, K.C., \*Scruggs, A.M., \*McGill, L.E., \*Singh, M.F., & **Reynolds, G.D.** (November, 2013). *Infant visual attention and neural correlates of saccade planning in a spatial cueing task*. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, San Diego, CA.
- \*Mosteller, S.M., \*Guy, M.W., \*Dixon, K.C., \*Scruggs, A.M., \*McGill, L.E., \*Singh, M.F., & **Reynolds, G.D.** (November, 2013). *Infant visual attention and neural correlates of saccade planning in a spatial cueing task*. Poster presented at the 2014 Fall NeuroNET Retreat, Knoxville, TN.
- Reynolds, G.D.** (May, 2013). Developmental cognitive neuroscience of infant attention. *Invited*

*address presented to the DeVault Otologic Research Laboratory, Indiana University School of Medicine, Indianapolis, IN.*

- \*Guy, M.W., **Reynolds, G.D.**, Bahrick, L.E., Lickliter, R., \*Zhang, D., \*Jewett, C.R., & \*Whitfield, A.C. (June, 2012). Neural correlates of redundant and nonredundant multimodal stimulus processing in 5-month-old infants. *Poster presented at the biennial meeting of the International Society for Infant Studies, Minneapolis, Minnesota.*
- \*Zhang, D., \*Guy, M.W., **Reynolds, G.D.**, \*Jewett, C.R., & \*Whitfield, A.C. (June, 2012). Selective visual attention: A mechanism for perceptual narrowing in infancy. *Poster presented at the biennial meeting of the International Society for Infant Studies, Minneapolis, Minnesota.*
- \*Guy, M.W., \*Zhang, D., **Reynolds, G.D.**, \*Robinson, L., \*Dye, K., \*Bottiggi, K., & \*Harris, I. (March, 2011). An ERP investigation of global versus local processing in six-month-old infants. *Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec.*
- Reynolds, G.D.**, Bahrick, L.E., Lickliter, R., \*Guy, M.W., & \*Zhang, D. (March, 2011). Neural correlates of multimodal stimulation in infancy. *Paper presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec.*
- Reynolds, G.D.**, & Richards, J.E. (March, 2011). Processing of repeated and non-repeated visual stimuli in infancy: visual preferences and event-related potentials. *Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec.*
- \*Zhang, D., \*Craddock, B., \*Guy, M.W., **Reynolds, G.D.**, \*Robinson, L., \*Bottiggi, K., & \*Dye, K. (March, 2011). Infant look duration to synchronous and asynchronous audiovisual stimuli. *Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec.*
- Reynolds, G.D.**, Bahrick, L.E., Lickliter, R., & \*Riggs, M.W. (March, 2010). Intersensory redundancy and infant event-related potentials. *Poster presented at the biennial meeting of the International Society on Infant Studies, Baltimore, Maryland.*
- \*Riggs, M.W., **Reynolds, G.D.**, \*McLemore, A.R., & \*Zhang, D. (March, 2010). An ERP investigation of individual differences in infant visual attention. *Poster presented at the biennial meeting of the International Society on Infant Studies, Baltimore, Maryland.*
- Reynolds, G.D.**, Courage, M.L., & Richards, J.E. (October, 2009). Cortical sources of infant visual preferences. *Poster presented at the annual meeting of the Society for Psychophysiological Research, Berlin, Germany.*



**Reynolds, G.D.**, Courage, M.L., & Richards, J.E. (April, 2009). Cortical sources of infant visual preferences. *Poster presented at the biennial meeting of the Society for Research in Child Development*, Denver, Colorado.

\*Cannon, R., **Reynolds, G.D.**, \*Riggs, M.W., \*Davidson, S.A., & \*Silander, A. E. (April, 2009). Individual differences in infant visual attention and event-related potentials. *Poster presented at the biennial meeting of the Society for Research in Child Development*, Denver, Colorado.

**Reynolds, G.D.**, Richards, J.E., & Courage, M.L. (March, 2009). Cortical sources of infant visual Preferences. *Poster presented at the annual meeting of the Cognitive Neuroscience Society*, San Francisco, California.

**Reynolds, G.D.**, Richards, J.E., & Courage, M.L. (March, 2009). Cortical sources of infant visual Preferences. *Poster presented at the annual meeting of the Cognitive Neuroscience Society*, San Francisco, California.

**Reynolds, G.D.** (September, 2008). What babies look at and why: Converging measures of infant visual attention. *Distinguished Alumni Presentation presented to the Department of Psychology*, Virginia Polytechnic Institute and State University, Blacksburg, Virginia.

**Reynolds, G.D.** (March, 2007). The developmental course of look duration in infancy. *Invited paper presented to the Department of Psychology*, Appalachian State University, Boone, North Carolina.

**Reynolds, G.D.**, Courage, M.L., & Richards, J.E. (June, 2006). Infant visual preferences within the modified-oddball ERP paradigm. *Poster presented at the biennial meeting of the International Society on Infant Studies*, Kyoto, Japan.

**Reynolds, G.D.**, Courage, M.L., & Richards, J.E. (April, 2006). Infant visual preferences within the modified-oddball ERP paradigm. *Poster presented at the annual meeting of the Cognitive Neuroscience Society*, San Francisco, CA.

**Reynolds, G.D.** (January, 2006). Infant attention and recognition memory. *Invited address presented to the Department of Psychology*, East Tennessee State University, Johnson City, Tennessee.

**Reynolds, G.D.**, Courage, M.L., & Richards, J.E. (November, 2005). Infant visual preferences and event-related potentials. *Poster presented at the annual meeting of the International Society for Developmental Psychobiology*, Washington, DC.

**Reynolds, G.D.**, Courage, M.L., & Richards, J.E. (September, 2005). Infant visual preferences within the modified-oddball ERP paradigm. *Poster presented at the annual meeting of the Society for Psychophysiological Research*, Lisbon, Portugal.

- Reynolds, G.D.**, Courage, M.L., & Richards, J.E. (April, 2005). Infant visual preferences within the modified-oddball ERP paradigm. *Poster presented at the biennial meeting of the Society for Research in Child Development*, Atlanta, Georgia.
- Courage, M.L., **Reynolds, G.D.**, & Richards, J.E. (April, 2005). What babies look at: Developmental trends and individual differences in infants' attention to pattern. *Poster presented at the biennial meeting of the Society for Research in Child Development*, Atlanta, Georgia.
- Reynolds, G.D.** (February, 2005). Infant attention and recognition memory. *Invited address presented to the Department of Human Development*, Pennsylvania State University, University Park, Pennsylvania.
- Reynolds, G.D.** (September, 2004). Converging measures of infant attention and recognition memory. *Paper presented at the Department of Psychology's Research Showcase*, University of South Carolina, Columbia, South Carolina.
- Reynolds, G.D.**, & Richards, J.E. (April, 2004). The convergence of electroencephalographic and heart rate measures of attention in infancy. *Paper presented at the International Conference on Infant Studies*, Chicago, Illinois.
- Reynolds, G.D.**, & Richards, J.E. (April, 2004). A quantitative method to use high-density EEG recordings to localize cortical sources of infant cognitive activity. *Poster presented at the International Conference on Infant Studies*, Chicago, Illinois.
- Reynolds, G.D.**, & Richards, J.E. (April, 2004). Cortical source localization of infant visual attention and recognition memory. *Poster presented at the International Conference on Infant Studies*, Chicago, Illinois.
- Courage, M.L., **Reynolds, G.D.**, & Richards, J.E. (April, 2004). Developmental and individual differences in infants' attention as a function of stimulus characteristics. *Paper presented at the International Conference on Infant Studies*, Chicago, Illinois.
- Reynolds, G.D.**, & Richards, J.E. (November, 2003). Attention and recognition memory in human infants: An ERP study. *Poster presented at the annual meeting of the International Society for Developmental Psychobiology*, New Orleans, Louisiana.
- Reynolds, G.D.**, & Richards, J.E. (April, 2003). Infant attention and cortical sources of ERP for recognition of briefly presented visual stimuli. *Poster presented at the biennial meeting of the Society for Research in Child Development*, Tampa, Florida.
- Reynolds, G.D.**, & Richards, J.E. (March, 2003). The impact of familiarization on electrophysiological correlates of recognition memory in infants. *Poster presented at the annual meeting of the Cognitive Neuroscience Society*, New York, New York.

**Reynolds, G.D.** (February, 2003). Modified prenatal sensory stimulation influences postnatal behavioral arousal and perceptual responsiveness. *Invited address presented to the Department of Psychology, University of South Carolina, Columbia, South Carolina.*

**Reynolds, G.D., & Lickliter, R.** (November, 2002). Prenatal sensory stimulation affects postnatal behavior and perceptual responsiveness in bobwhite quail. *Poster presented at the annual meeting of the International Society for Developmental Psychobiology, Orlando, Florida.*

**Reynolds, G.D., Honeycutt, H., & Lickliter, R.** (April, 2002). Effects of redundant and non-redundant bimodal stimulation on heart rate response in quail embryos. *Poster presented at the International Conference on Infant Studies, Toronto, Canada.*

**Reynolds, G.D., & Lickliter, R.** (November, 2001). Effects of intersensory redundancy on physiological arousal in bobwhite quail embryos. *Poster presented at the annual meeting of the International Society for Developmental Psychobiology, San Diego, California.*

**Reynolds, G.D., & Lickliter, R.** (March, 2001). Prenatal sensory stimulation influences behavioral arousal in bobwhite quail. *Poster presented at the Virginia Tech Graduate Student Association Research Symposium, Blacksburg, Virginia.*

**Reynolds, G.D., & Lickliter, R.** (November, 2000). Effects of prenatal sensory stimulation on behavioral arousal in bobwhite quail embryos. *Poster presented at the annual meeting of the International Society for Developmental Psychobiology, New Orleans, Louisiana.*

**Reynolds, G.D., & Perry, J.S.** (March, 2000). Athletic participation and gender in relation to ego identity. *Poster presented at the annual meeting of the Southeastern Psychological Association, New Orleans, Louisiana.*

### **Participation at Seminars, Workshops, and Conferences:**

(May, 2015). Invited participant in the Neural Complexity Collaboration Workshop. Oak Ridge National Laboratory, Oak Ridge, TN.

(April, 2013). Roundtable panelist on “The future of EEG with developmental populations.” Biennial meeting of the Society for Research in Child Development, Seattle, Washington.

(February, 2012). Building the NIH Grant Proposal Workshop, University of Tennessee, Office of Research.

(September, 2010). TERAPAMS A-Z Workshop, University of Tennessee, Office of Research.

(September, 2010). Writing Successful Grants Workshop Part 2, University of Tennessee, Office

of Research.

(September, 2010). Writing Successful Grants Workshop Part 1, University of Tennessee, Office of Research.

(November, 2004). McDonnell Foundation Workshop on combining methods to study cognitive development in human infants, London, England.

### **Professional Service:**

#### **Member of Editorial Board:**

*Infancy* (2009 – present)

*Child Development* (2010 – 2015)

*Frontiers in Developmental Psychology* (2010 – 2013)

#### **Ad Hoc Editorial Consultant:**

*Biological Psychology*

*Cognition*

*Developmental Neuropsychology*

*Developmental Psychobiology*

*Developmental Review*

*Developmental Science*

*Early Education and Development*

*Evolution and Human Behavior*

*International Journal of Behavioral Development*

*Journal of Comparative Psychology*

*Journal of Experimental Child Psychology*

*Neuroimage*

*PLOS One*

*Psychophysiology*

*Wadsworth Publishing*

*Sage Publications*

*Science*

*Social Neuroscience*

#### **Grant Review Activity:**

Ad Hoc External Reviewer for NSF Developmental and Learning Sciences Division 2012

Ad Hoc External Reviewer for NIH Director's Early Independence Award 2012

Member of the NIH Loan Repayment Program Ambassador Network (2011 – present)

Scientific Conference Review Activity:

Society for Research in Child Development 2015, member of Attention, Learning, and Memory Review Panel

International Conference on Infant Studies 2014, member of Neuroscience Review Panel

International Conference on Infant Studies 2012, member of Neuroscience Review Panel

Pervasive Computing Technologies for Healthcare 2011, ad hoc reviewer

Professional Society Memberships:

Society for Research in Child Development

International Society on Infant Studies

International Society for Developmental Psychobiology

Cognitive Neuroscience Society

Department / College / University Service:

University of Tennessee - Psychology Department:

2015	Member of Outstanding Graduate Student Poster Award Committee.
2015	Member of Staff Appreciation Award Committee.
2015	Member of Thomas Fellowship Review Committee.
2013-present	Member of Department of Psychology's Faculty Mentoring Committee
2013	Chair of Developmental Psychology Faculty Search Committee (resulted in successful hire of Dr. Aaron Buss).
2012-present	Member of Department of Psychology's Space Committee
2013-2014	Member of Department of Psychology's Bylaws Committee
2012-2014	Member of Department of Psychology's Budget Committee
2012	Member of Department of Psychology's Strategic Planning Committee
2012	Member of Experimental Psychology Program's Graduate Admissions Committee
2010- 2012	Member of Department of Psychology's Executive Committee
2011	Chair of ad hoc committee formed to create guidelines for review and admission of applicants to the Experimental Psychology Ph.D. Program.

- 2009 – 2010     Coordinator of UTK Bio-Developmental Brown Bag seminar series
- 2010             Biological/Developmental Concentration Areas' Comprehensive Exam  
Committee
- 2010             Created document describing the Developmental concentration area's  
accomplishments for the Department of Psychology's Alumni Newsletter.
- 2009             Created Developmental concentration areas' Hand-out for the College of Arts &  
Science Board of Visitors.
- 2008             Member of ad hoc committee formed to determine tentative four year sequence  
of graduate courses to be offered in Experimental Psychology.

University of Tennessee – University Service:

- 2015 – present   Member of the Executive Committee of the University of Tennessee  
Neuroscience Network (NeuroNET), Office of Research & Engagement  
Organized Research Unit (2015 - present).
- 2015             Member of the NeuroNET Officer Selection Committee (2015).
- 2014             Member of NeuroNET Fall Retreat Organizational Committee
- 2014 – present   Member of NeuroNET Seed Grant  
Committee
- 2013 – 2014     Member of the Executive Committee of the Neuroscience Network of East  
Tennessee (NeuroNET), Office of Research & Engagement Organized Research  
Unit
- 2013             Chair of the organizational committee for the Neuroscience Network of East  
Tennessee's Spring Speaker Series

Appalachian State University – Psychology Department:

- 2005 – 2007     Department of Psychology Undergraduate Honor's Committee
- 2005 – 2007     Department of Psychology Merit Committee

**Graduate Student Committees:**

Ph.D. Dissertation – Committee Chair

Guy, Margaret (Spring, 2014). *Effects of Stimulus Symmetry on Hierarchical Processing in Six Month-Old Short- and Long-Looking Infants*, Department of Psychology.

Ph.D. Dissertation - Committee Member:

Williams, Joshua (Spring, 2011). *Augmented multimodal sensory-motor experience and the emergence of reaching in infants*, Department of Psychology.

Nicholas, Christopher (Spring, 2010). *Functional neuroimaging of cognitive function in pediatric head injury*, Department of Psychology.

M.A. Thesis – Committee Chair:

Dixon, Katherine (Summer, 2014). *Neural correlates of face processing: Perceptual narrowing and categorization*, Department of Psychology.

Mosteller, Sara (Summer, 2014). *The effect of local element density on processing of visual hierarchical patterns: An infant ERP study*, Department of Psychology.

Zhang, Dantong (Summer, 2012). *The role of attention in the other-species effect in infancy*, Department of Psychology.

M.A. Thesis – Committee Member:

Rebecca Wiener (Fall, 2015). *The modulating role of motor action anticipation in relation to visual attention to a scene*, Department of Psychology.

Mills, Kristen (Summer, 2014). *Rhyme: A tool for word learning*, Department of Psychology.

Zhao, Qian (Summer, 2014). *How acoustic salience influences infants' word mapping*, Department of Psychology.

Comprehensive Exam Committees:

Rebecca Wiener (committee member: Spring/2016)

Margaret Guy (committee chair: Fall/2011)

Yu Guan (committee member: Summer/2010)

Joshua Williams (committee member: Fall/2009)

**Student Advisory and Pre-Dissertation Committees:**

Ferhat Karaman (committee member: 2014 – present)

Alexandra Romano (chair: 2014 – present)

Courtney Stec (committee member: 2011 – present)

Dantong Zhang (chair: 2009 – 2011)

Sarah Fischer (committee member: 2011)

Margaret Guy (chair: 2009 – 2011)

Yu Guan (committee member: 2008 – 2009)

Benjamin Craddock (committee member: 2007 – 2009)

**Undergraduate Student Committees:**

**Honors Thesis – Committee Chair:**

Singh, Matthew (Spring, 2014). *Electrophysiological Cross-Modality Comparisons of Infant Individual Differences in Holistic Processing and Selective Inhibition*, Department of Psychology.

**Outreach:**

Brain Awareness Week presentation, Fountain City Elementary School, March 2014.

Brain Awareness Week presentation, Fountain City Elementary School, March 2013.

Brain Awareness Week presentation, Fountain City Elementary School, March 2012.

Brain Awareness Week presentation, Fountain City Elementary School, March 2010.

**Teaching Experience:**

University of Tennessee (2007 – present):

*Graduate courses:*

PSYC 601 – Seminar on the Development of Attention

PSYC 601 – Seminar on Experience in Early Development



*Undergraduate courses:*

PSYC 300 – Child Psychology

Appalachian State University (2005 – 2007):

*Graduate courses:*

PSYC 5250 – Pro-Seminar III: Biopsychology and Developmental Psychology

*Undergraduate courses:*

PSYC 3100 – Research Methods in Psychology

PSYC 2301 – Human Growth and Development

University of South Carolina (2004 – 2005):

*Undergraduate courses:*

PSYC 420 – Developmental Psychology

Virginia Tech (1999 – 2002):

*Undergraduate courses:*

PSYC 2034 – Developmental Psychology

PSYC 4104 – Motivational Psychology Lab

PSYC 2004 – Introductory Psychology Lab

East Tennessee State University (1998 – 1999):

*Undergraduate courses:*

PSYC 1310 – Introductory Psychology