

## Gregory Durelle Reynolds

(9/2/22)

### **Office Address:**

Department of Psychology  
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### **Online Profiles:**

Google Scholar: <https://scholar.google.com/citations?hl=en&pli=1&user=ru4BejwAAAAJ>  
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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:**

2019 – present Full Professor, Department of Psychology, University of Tennessee, Knoxville, TN.

2013 – 2019 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, Mentor: Dr. John E. Richards, Department of Psychology, University of South Carolina, Columbia, SC.

**Honors and Awards:**

- 2021      Outstanding Faculty Undergraduate Instructor Award, Department of Psychology, University of Tennessee
- 2021      Nominated for Convocation Award for Excellence in Research and Creative Achievement (Senior Level), College of Arts & Sciences, University of Tennessee
- 2014      Midcareer Convocation Award for Excellence in Research and Creative Achievement, College of Arts & Sciences, University of Tennessee
- 2014      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:**

- 2021      Kelly Roth – Volunteer of Distinction, University of Tennessee.
- 2021      Kelly Roth – Chancellor’s Citation for Professional Promise (Graduate), University of Tennessee.

- 2019 Kelly Roth – Penley-Thomas-Allen Dissertation Fellowship, University of Tennessee.
- 2019 Emily Grimes – EURECA Award of Excellence in the College of Arts & Sciences, University of Tennessee.
- 2019 Caitlin Berosh – Chancellor’s Citation for Professional Promise (Undergraduate), University of Tennessee.
- 2019 Evan Green – Chancellor’s Citation for Professional Promise (Undergraduate), University of Tennessee.
- 2019 Emily Grimes – Chancellor’s Citation for Professional Promise (Undergraduate), University of Tennessee.
- 2019 Jennifer Shearon – Chancellor’s Citation for Professional Promise (Undergraduate), University of Tennessee.
- 2019 Kelly Roth – Best Graduate Student Poster Award, 5<sup>th</sup> Annual Women in STEM Symposium, University of Tennessee, Knoxville, TN.
- 2018 William Chollman – Best Poster Award, Early Graduate Division, 2018 NeuroNET Retreat, University of Tennessee, Knoxville, TN.
- 2016 Erin Nance – Chancellor’s Citation for Professional Promise (Undergraduate), University of Tennessee.
- 2016 Michael Stephanides – Chancellor’s Citation for Professional Promise (Undergraduate), University of Tennessee.
- 2014 Margaret W. Guy – Chancellor’s Citation for Professional Promise (Graduate), University of Tennessee.
- 2014 Mathew F. Singh – EURECA Bronze Award (Arts & Sciences), University of Tennessee.
- 2014 Matthew F. Singh – EURECA Best in Division Award (Psychology), 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:**

- 2022 *Selective Attention and Intersensory Processing in Infancy*  
Agency: National Science Foundation, Developmental Sciences  
Type of Grant: Research Grant  
Role: PI (Co-PIs: Dr. Lorraine Bahrack and Dr. Robert Lickliter)  
Funding Period: 9/2022 – 8/2025  
Total Amount: \$700,000
- 2019 *Covert Orienting and Infant Visual Cognition*  
Agency: National Institutes of Health/National Institute of Child Health and Human Development  
Type of Grant: R03  
Role: PI  
Funding Period: 4/2019 – 3/2023  
Total Amount: \$151,000
- 2019 *Multisensory Development: New Measures and a Collaborative Database*  
Agency: National Institutes of Health/National Institute of Child Health and Human Development  
Type of Grant: R01  
Role: Sub-Contract PI (Prime PI: Lorraine Bahrack)  
Funding Period: 4/2019 – 3/2024  
Amount to Reynolds: \$15,100
- 2019 *Intersensory Processing, Developmental Trajectories, and Longitudinal Outcomes*  
Agency: National Institutes of Health/National Institute of Child Health and Human Development  
Type of Grant: R01  
Role: Consultant (PI: Lorraine Bahrack)  
Funding Period: 4/2019 – 3/2024  
Amount to Reynolds: \$10,000
- 2018 *Visual Attention and Categorization in Infancy*  
Agency: National Science Foundation, Developmental Sciences  
Type of Grant: Research Grant  
Role: PI  
Funding Period: 2/2018 – 1/2023  
Total Amount: \$536,139
- 2017 *Many Babies 1*  
Agency: Association for Psychological Science

Type of Grant: Sub-Award on Multi-Institutional Collaborative Project  
Role: Sub-Award PI (Prime PI: Michael Frank)  
Funding Period: 9/2017 – 8/2018  
Total Amount: \$2,000

2013 *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 with Daniela Corbetta (MPI grant)  
Funding Period: 6/2013 – 5/2017  
Total Amount: \$389,508

2012 *Infant Visual Attention: Neural Mechanisms and Individual Differences*

Agency: National Science Foundation, Developmental & Learning Sciences  
Type of Grant: Research grant  
Role: PI  
Funding 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 (PI: Daniela Corbetta; Co-PIs: Itamar Arel, Bruce McLennan, Lynne Parker)  
Funding Period: 9/2012 – 8/2017  
Total Amount: \$312,844

2012 Pediatric Research Loan Repayment Program

Agency: National Institutes of Health/National Eye Institute  
Role: PI  
Funding Period: 9/2012 – 8/2013

2011 Pediatric Research Loan Repayment Program

Agency: National Institutes of Health/National Eye Institute  
Role: PI  
Funding 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 (PI: Lorraine Bahrick)  
Funding 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  
Funding 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  
Funding Period: 9/2003 – 8/2007

**Not Funded:**

2017 *Selective, Spatial, and Sustained Visual Attention in Infancy (Resubmission)*  
Agency: National Institutes of Health/National Institute of Child Health and Human Development  
Type of Grant: R01  
Role: PI  
Amount requested: \$1,824,587  
Status: Not funded

2016 *Selective, Spatial, and Sustained Visual Attention in Infancy*  
Agency: National Institutes of Health/National Institute of Child Health and Human Development  
Type of Grant: R01  
Role: PI  
Amount requested: \$1,814,489  
Status: Not funded

2016 *Sustained Attention and Infant Cognition*  
Agency: National Science Foundation  
Type of Grant: Research Grant  
Role: PI  
Amount requested: \$741,495  
Status: 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  
Amount requested: \$1,830,000

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  
Amount requested: \$1,830,000  
Status: Not funded
- 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: PI)  
Amount requested: \$343,537  
Status: Not funded
- 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  
Status: Not funded
- 2009 *Neural Correlates of Infant Visual Attention*  
Agency: National Science Foundation  
Type of Grant: Research grant  
Role: PI  
Amount Requested: \$505,153  
Status: Not funded

**Intramural Grants:**

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

**Peer-Reviewed Journal Articles:**

\* indicates current or former student co-author

- \*Roth, K.C., \*Clayton, K.R.H., & **Reynolds, G.D.** (2022). Intersensory redundancy and selective attention to native and non-native audiovisual speech: 12-month-old Infants' Responsiveness to Intermediate-Level Perceptual Cues. *Scientific Reports*.
- \*Roth, K.C., & **Reynolds, G.D.** (2022). Neural correlates of subordinate-level categorization of own- and other-race faces in infancy. *Acta Psychologica*. doi:10.1016/j.actpsy.2022.103733
- Sigala, N., Kaldy, Z., & **Reynolds, G.D.** (2022). Editorial: The cognitive neuroscience of visual working memory – Volume II. *Frontiers in Systems Neuroscience*.
- ManyBabies Consortium (including **Reynolds, G.D.** & \*Roth, K.C.). (2020). Quantifying sources of variability in infancy research using the infant-directed-speech preference. *Advances in Methods and Practices in Psychological Science*, 3(1), 24-52.
- \*Dixon, K.C., **Reynolds, G.D.**, \*Romano, A.C., \*Roth, K.C., \*Stumpe, A.L., \*Guy, M.W., & \*Mosteller, S.M. (2019). Neural correlates of individuation and categorization of other-species faces in infancy. *Neuropsychologia*, 126, 27 – 35. doi:10.1016/j.neuropsychologia.2017.09.037
- Reynolds, G.D.**, & Richards, J.E. (2019). Attention and stimulus repetition effects on infant recognition memory. *Child Development*. Advance online publication. doi: 10.1111/cdev.12982



Buss, A.T., Ross-Sheehy, S., & **Reynolds, G.D.** (2018). Visual working memory in early development: A developmental cognitive neuroscience perspective. *Journal of Neurophysiology*. Advance online publication. doi:10.1152/jn.00087.2018

<sup>1</sup> Invited and corresponding author

**Reynolds, G.D.**, & \*Roth, K. (2018). The development of attentional biases for faces in infancy: A developmental systems perspective. *Frontiers in Developmental Psychology*. Advance online publication. doi:10.3389/fpsyg.2018.00222

\*Guy, M.W., **Reynolds, G.D.**, \*Mosteller, S.M., & \*Dixon, K.C. (2017). The effects of stimulus symmetry on hierarchical processing in infancy. *Developmental Psychobiology*, 59, 279 – 290. doi: 10.1002/dev.21486

**Reynolds, G.D.**, & \*Romano, A. C. (2016). The development of attention systems and working memory in infancy. *Frontiers in Systems Neuroscience*, 10, 1 – 12. doi: 10.3389/fnsys.2016.00015

**Reynolds, G.D.** (2015). Infant visual attention and object recognition. *Behavioural Brain Research*, 285, 34 – 43. doi: 10.1016/j.bbr.2015.01.01

**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. doi: 10.1002/dev.21104

\*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. doi: 10.1111/cdev.12053

**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. doi: 10.1111/j.1532-7078.2012.00134.x

**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, 210 – 225. doi: 10.1080/87565641.2011.629703

**Reynolds, G.D.**, \*Guy, M.W., & \*Zhang, D. (2011). Neural correlates of individual differences in infant visual attention and recognition memory. *Infancy*, 16, 368 – 391. doi: 10.1111/j.1532-7078.2010.00060.x

**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, 886 – 904.

doi: 10.1037/a0019670

Richards, J.E., **Reynolds, G.D.**, & Courage, M.L. (2010). The neural bases of infant attention. *Current Directions in Psychological Science*, 19, 41-46.  
doi: 10.1177/0963721409360003

**Reynolds, G.D.**, & Richards, J.E. (2009). Cortical source localization of infant cognition. *Developmental Neuropsychology*, 34, 312-329.  
doi: 10.1080/87565640902801890

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, 680-695. doi: 10.1111/j.1467-8624.2006.00897.x

**Reynolds, G.D.**, & Richards, J.E. (2005). Familiarization, attention, and recognition memory in infancy: An ERP and cortical source localization study. *Developmental Psychology*, 41, 598-615. doi: 10.1037/0012-1649.41.4.598

**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.  
doi: 10.1037/0735-7036.118.2.172

**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. doi: 10.1002/dev.10138

**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. doi: 10.1002/dev.10058

### **Book Chapters:**

\*Roth, K.C., & **Reynolds, G.D.** (2021). Attention in Infancy: Behavioral and Neural Correlates. In M. Anderson, & S. Della Sala (Eds.), *Encyclopedia of Behavioral Neuroscience*, 2<sup>nd</sup> Edition. Elsevier Science.

\*Roth, K.C., Conte, S., **Reynolds, G.D.**, & Richards, J.E. (2020). Attention and early brain development, updated. In R.E. Tremblay, R. deV Peters, M. Boivin and R. G. Barr (Eds.), *Encyclopedia on Early Childhood Development*, 2<sup>nd</sup> Edition. The Centre of Excellence for Early Childhood Development.

**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.

doi: 10.1093/oxfordhb/9780195376746.013.0063

**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. doi: 10.1017/CBO9780511499791.009

### **Invited Presentations:**

**Reynolds, G.D.** (August, 2022). Event-Related Potentials: A Methods Overview and Summary of Findings. Invited talk presented at the University of Tennessee's NeuroComputation Summer Workshop, University of Tennessee, Knoxville, TN.

**Reynolds, G.D.** (November, 2020). *Infant Attention and Face Processing: A Developmental Cognitive Neuroscience Perspective*. Invited talk presented at the 2020 NeuroNET Fall Retreat, University of Tennessee, Knoxville, TN.

**Reynolds, G.D.** (October, 2019). *Infant Selective Attention and Perceptual Learning of Multimodal Face Stimuli*. Invited talk presented to the Department of Psychology at Loyola University of Chicago, Chicago, IL.

**Reynolds, G.D.** (October, 2019). *Infant Attention and Categorization of Faces*. Invited talk presented to the Department of Neuroscience at Loyola University of Chicago, Chicago, IL.

**Reynolds, G.D.** (April, 2019). *The Early Development of Attention: Biological and Environmental Factors*. Invited talk presented at Bridgewater College, Bridgewater, VA.

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

**Reynolds, G.D.** (May, 2013). *Developmental Cognitive Neuroscience of Infant Attention*. Invited talk presented to the DeVault Otologic Research Laboratory, Indiana University School of Medicine, Indianapolis, IN.

**Reynolds, G.D.** (April, 2013). Roundtable panelist on "The Future of EEG with Developmental Populations." Biennial meeting of the Society for Research in Child Development, Seattle, Washington.

**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.** (January, 2006). *Infant Visual Attention, Learning, and Memory*. Invited talk presented to the Department of Psychology, East Tennessee State University, Johnson City, Tennessee.

**Reynolds, G.D.** (March, 2005). *Infant Attention and Recognition Memory*. Invited talk presented to the Department of Psychology, Appalachian State University, Boone, North Carolina.

**Reynolds, G.D.** (February, 2005). *Infant Attention and Recognition Memory*. Invited talk presented to the Department of Human Development, Pennsylvania State University, University Park, Pennsylvania.

**Presentations at Scientific Meetings:**

\* indicates current or former graduate student co-author

\*\*indicates current or former undergraduate student co-author

\*\*Brock, J.T., \*\*Dance, J.H., \*\*Smith, R.L., \*Roth, K.C., \*Chollman, W.J., & **Reynolds, G.D.** (April, 2020). *Initial learning conditions affect other-species face processing in infancy*. Virtual Poster presented at the annual Exhibition of Undergraduate Research and Creative Activities (EURECA), University of Tennessee, Knoxville, TN.

\*Chollman, W.J., \*Roth, K.C., \*\*Shearon, J.E., \*\*Garrett, M.R., \*\*Pryor, C.O., & **Reynolds, G.D.** (November, 2019). *The effects of initial learning conditions on other-species face processing in infancy*. Poster presented at the NeuroNET Fall Retreat, University of Tennessee, Knoxville, TN.

\*Chollman, W.J., \*Roth, K.C., \*\*Shearon, J.E., \*\*Garrett, M.R., \*\*Pryor, C.O., & **Reynolds, G.D.** (October, 2019). *The effects of initial learning conditions on other-species face processing in infancy*. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, Chicago, IL.

\*Roth, K.C., \*Chollman, W.J., \*\*Green, E.C., \*\*Smith, R.L., \*\*Mancilla, C.E., & **Reynolds, G.D.** (October, 2019). *Neural correlates of subordinate-level categorization of other-race faces in infancy*. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, Chicago, IL.

\*Roth, K.C., \*Grimes, E.K., \*Chollman, W.J., \*\*Shearon, J., \*\*Pryor, C., \*\*Green, E.C., & **Reynolds, G.D.** (May, 2019). *The impact of race and affect on infant visual attention to faces*. Poster presented at the annual meeting of the Vision Sciences Society, St. Pete Beach, FL.

**Reynolds, G.D.**, Bahrick, L.E., Lickliter, R., Todd, J.T., \*Roth, K.C., & \*Chollman, W.J. (March, 2019). *Infant selective attention and perceptual processing of multimodal face stimuli*. Paper presented at the biennial meeting of the Society for Research in Child Development, Baltimore, Maryland.

\*Chollman, W.J., \*Grimes, E.K., \*Roth, K.C., \*\*Berosh, C.M., \*\*Bennett, M.A., \*\*Stover, M.R., & **Reynolds, G.D.** (March, 2019). *The effects of spatial cueing on neural correlates of infant attention and perceptual processing*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, Maryland.

\*Chollman, W.J., \*\*Grimes, E.K., \*Roth, K.C., \*\*Berosh, C.M., \*\*Bennett, M.A., \*Stover, M.R., & **Reynolds, G.D.** (November, 2018). *The effects of spatial cueing on neural correlates of infant attention and perceptual processing*. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, San Diego, California.

\*Roth, K.C., Bahrick, L.E., Lickliter, R., Todd, J.T., & **Reynolds, G.D.** (November, 2018). *Intersensory redundancy, selective attention, and neural correlates of perceptual processing in infancy*. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, San Diego, California.

\*DiMercurio, A., \*Connell, J.P., \*Romano, A.C., \*Roth, K.C., \*Stumpe, A.L., **Reynolds, G.D.**, & Corbetta, D.C. (July, 2018). *Developmental changes in looking and reaching patterns in 6 and 9-month-old infants*. Poster presented at the International Congress on Infant Studies, Philadelphia, Pennsylvania.

\*Roth, K.C., \*Stumpe, A.L., \*\*Berosh, C., \*\*Dukes, L., \*\*Grimes, E., \*\*Stover, M., \*Connor, L., \*Manning, E., & **Reynolds, G.D.** (March, 2018). *Intersensory redundancy and infant selective attention to native and non-native audiovisual speech*. Poster presented at the Women in STEM Research Symposium, Knoxville, Tennessee.

\*Roth, K.C., \*Stumpe, A.L., \*\*Berosh, C., \*\*Dukes, L., \*\*Grimes, E., \*\*Stover, M., \*\*Connor, K., \*\*Manning, E., & **Reynolds, G.D.** (November, 2017). *Intersensory redundancy and infant selective attention to native and non-native audiovisual speech*. Poster presented at the 50th annual meeting of the International Society for Developmental Psychobiology, Washington, District of Columbia.

- \*Connell, J. P., \*DiMercurio, A., \*Romano, A., **Reynolds, G. D.**, & Corbetta, D. (June, 2017). *Look and Reach Behaviors in 9-month-old Infants: Comparing between Eye-Trackers*. Poster presented at the meeting of National Association for the Psychology of Sport and Physical Activity, San Diego, California.
- \*Romano, A.C., \*Roth, K., \*Stumpe, A., \*\*White, C., \*\*Casteel, M., \*\*Hawkins, M., & **Reynolds, G.D.** (April, 2017). *Effects of Two- and Three-Dimensional Visual Processing on Infant Attention and Object Recognition*. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, Texas.
- \*Stumpe, A., \*Roth, K., \*Romano, A.C., \*\*Lewis, K., \*\*Womack, S., \*\*Salekin, F., & **Reynolds, G.D.** (April, 2017). *The Development of Saccade Planning from 4 to 6 Months of Age*. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, Texas.
- \*Romano, A., & **Reynolds, G.D.** (March, 2017). *2-D and 3-D Visual Processing: Infant Object Recognition*. Paper presented at the Women in Stem Conference, University of Tennessee, Knoxville, Tennessee.
- \*Roth, K., \*Stumpe, A., \*Romano, A.C., \*\*Stephanides, M., \*\*Nance, E., & **Reynolds, G.D.** (March, 2017). *Infant Visual Attention and Covert Orienting at 4 and 6 Months of Age*. Poster presented at the Women in Stem Conference, University of Tennessee, Knoxville, Tennessee.
- \*Stumpe, A., \*Roth, K., \*Romano, A.C., \*\*Lewis, K., \*\*Womack, S., \*\*Salekin, F., & **Reynolds, G.D.** (March, 2017). *The Development of Saccade Planning from 4 to 6 Months of Age*. Poster presented at the Women in Stem Conference, University of Tennessee, Knoxville, Tennessee.
- \*Romano, A.C., \*Roth, K., \*Stumpe, A., \*\*White, C., \*\*Casteel, M., \*\*Hawkins, M., & **Reynolds, G.D.** (October, 2016). *Effects of Two- and Three-Dimensional Visual Processing on Infant Attention and Object Recognition*. Poster presented at the 2017 NeuroNET Fall Retreat, Knoxville, Tennessee.
- \*Roth, K., \*Stumpe, A., \*Romano, A., \*\*Stephanides, M., \*\*Nance, E., & **Reynolds, G.D.**, (October, 2016). *Infant Visual Attention and Covert Orienting at 4 and 6 Months of Age*. Poster presented at the 2017 NeuroNET Fall Retreat, Knoxville, Tennessee.
- \* Stumpe, A., \* Romano, A., \*Roth, K., \*\*Nance, E., \*\*Stephanides, M., & **Reynolds, G.D.** (October, 2016). *Neural Mechanisms associated with Spatial Orienting and Infant Visual Attention*. Poster presented at the 2017 NeuroNET Fall Retreat, Knoxville, Tennessee.

**Reynolds, G.D.**, \*Roth, K., \*Stumpe, A., \*Romano, A., \*\*Stephanides, M., & \*\*Nance, E. (May, 2016). *Infant Visual Attention and Covert Orienting at 4 and 6 Months of Age*. Poster presented at the biennial meeting of the International Congress on Infant Studies, New Orleans, Louisiana.

\*Romano, A., \*Stumpe, A., \*Roth, K., \*\*Nance, E., \*\*Stephanides, M., & **Reynolds, G.D.** (May, 2016). *Neural Mechanisms associated with Spatial Orienting and Infant Visual Attention*. Poster presented at the biennial meeting of the International Congress on Infant Studies, New Orleans, Louisiana.

\*Romano, A., \*Stumpe, A., \*Roth, K., \*\*Nance, E., \*\*Stephanides, M., & **Reynolds, G.D.** (April, 2016). *Neural Mechanisms Associated with Spatial Orienting and Infant Visual Attention*. Poster presented at the Women in Stem Conference, University of Tennessee, Knoxville, Tennessee.

**Reynolds, G.D.**, & Birdwell, D. (October, 2015). *Novel Approaches to Source Analysis and Data Extraction from High-Density EEG in Developmental Populations*. Paper presented at the NeuroNET Annual Retreat, Knoxville, Tennessee.

\*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, Pennsylvania.

\*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, Pennsylvania.

\*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, Pennsylvania.

\*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, California.

\*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, California.

- \*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, California.
- \*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, California.
- \*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, Tennessee.
- \*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.**, Bahrnick., 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.**, 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, California.

**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.** (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). *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.

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. (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). *Cortical source localization of infant visual attention and recognition memory*. Poster 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*. Paper 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 and Workshops:**

(August, 2022). NeuroComputation Summer Workshop presenter, University of Tennessee, Interdisciplinary Graduate Minor in Neuroscience (IGMN) Program.

(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.

### **Citations/Reports in National & International Media:**

The Conversation. (June, 2017). Working Memory: What Is It, Why Is It Important, and How Can You Improve it? By Alex Burmeister.

\* Article subsequently featured in: Yahoo News, Rocket News, Newsweek, International Business Times, Inverse, Scientific American, AZFamily.com, MedicalXpress, and Health Medicinet.

### **Professional Service:**

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

Guest Associate Editor *Frontiers in Systems Neuroscience* (2021)

*Scientific Reports* (2019 – present)

*Infancy* (2009 – 2019)

*Child Development* (2010 – 2015)

*Frontiers in Developmental Psychology* (2010 – 2013)

#### **Ad Hoc Editorial Reviewer:**

*Attention, Perception, and Psychophysics*

*Behavioral and Brain Functions*

*Biological Psychology*

*Biology Letters*

*Brain & Cognition*

*Cogent Psychology*

*Cognition*  
*Consciousness and Cognition*  
*Developmental Cognitive Neuroscience*  
*Developmental Neuropsychology*  
*Developmental Psychobiology*  
*Developmental Review*  
*Developmental Science*  
*Early Education and Development*  
*European Journal of Psychology & Education*  
*Evolution and Human Behavior*  
*Frontiers in Psychology*  
*Infancy*  
*Infant Behavior and Development*  
*International Journal of Behavioral Development*  
*Journal of Comparative Psychology*  
*Journal of Experimental Child Psychology*  
*Mind & Language*  
*Neuroimage*  
*Neuropsychologia*  
*PLOS One*  
*Psychology and Neuroscience*  
*Psychophysiology*  
*Royal Society Open Science*  
*Wadsworth Publishing*  
*Sage Open Nursing*  
*Sage Publications (Book Reviews)*  
*Science*  
*Scientific Reports*  
*Social Neuroscience*

Grant Review Activity:

Member of NIH Human Complex Mental Function Review Panel (Summer 2022)  
External Reviewer for National Research Agency of France (Spring 2022)  
Member of NSF Review Panel (Fall 2021)  
Member of NSF Review Panel (Spring 2021)  
External Reviewer for LabEx CORTEX Research Consortium (Lyon, France)  
External Reviewer for NSF SBE Postdoctoral Research Fellowships Program (2021)  
Member of NSF Review Panel (Fall 2020)  
External Reviewer for NSF Developmental Sciences Division (2020)  
External Reviewer for the Marsden Council of the Royal Society of New Zealand (2019)  
Member of the NSF Developmental Sciences College of Reviewers (2016 - present)  
External Reviewer for NSF Developmental Sciences Division (2018)  
External Reviewer for the European Research Council (Fall 2017)  
Member of NSF Review Panel (Spring 2017)

External Reviewer for US – Israel Binational Science Foundation (2016)  
External Reviewer for NSF Developmental and Learning Sciences Division (2016)  
External Reviewer for NSF Developmental and Learning Sciences Division (2012)  
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:

International Conference on Infant Studies 2022, member of Attention, Learning, and Memory Review Panel

Society for Research in Child Development 2021, member of Perceptual, Sensory, and Motor Review Panel

Society for Research in Child Development 2019, member of Attention, Learning, and Memory Review Panel

International Conference on Infant Studies 2018, member of Attention, Learning, and Memory Review Panel

Society for Research in Child Development 2017, member of Attention, Learning, and Memory Review Panel

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

External Promotion & Tenure Evaluator:

York University, 2021  
Indiana University and Purdue University, 2018

Other Professional Service:

NSF Survey of Doctorate Recipients, 2003 – 2022  
NSF Insight Policy Research participant, 2015, 2017

Professional Society Memberships:

American Psychological Association  
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:

2022	Member of the Excellence in Undergraduate Teaching Award Committee
2021	Member of Deborah Rhatigan Award in Woman's Health Committee
2020	Member of Deborah Rhatigan Award in Woman's Health Committee
2017-present	Member of Faculty Mentoring Committee for Dr. Kristy Allen
2013-present	Member of Faculty Mentoring Committee for Dr. Chris Elledge
2014-2020	Chair of Faculty Mentoring Committee for Dr. Aaron Buss
2018	Member of Outstanding Graduate Student Poster Award Committee
2017-2018	Member of Research Allocation Committee
2016	Member of Outstanding Graduate Student Poster Award Committee
2015, 2016	Member of Department of Psychology Faculty Evaluation Committee
2015	Member of Outstanding Graduate Student Poster Award Committee
2015	Member of Staff Appreciation Award Committee
2015	Member of Thomas Fellowship Review Committee
2013	Chair of Developmental Psychology Faculty Search Committee (resulted in successful hire of Dr. Aaron Buss)
2012-2015	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 area's 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 – College of Arts & Sciences:

- 2022 Member of the Arts & Sciences Lecturer Promotion Committee
- 2016-present Core faculty member of the Interdisciplinary Neuroscience Major

University of Tennessee – University Service:

- 2021-2024 Member of the Institutional Review Board
- 2019-2022 Department of Psychology Representative on Periodic Post-Tenure Performance Review Committee (Chaired 3 committees, committee member on 7 committees)
- 2016-2019 Member of Faculty Senate (Social Sciences Caucus)
- 2017-2018 Member of Faculty Senate Research Council
- 2017-2018 Member of Office of Research & Engagement Working Group for Human Subjects Research Accreditation



- 2018 Member of Chancellor's Research Awards Committee
- 2018 Review Panel Member for Office of Research & Engagement NIH Seed Funding Program
- 2016-2017 Member of the Athletics Subcommittee of the Faculty Senate
- 2015-2017 Member of the Executive Committee of the University of Tennessee Neuroscience Network (NeuroNET), Office of Research & Engagement Organized Research Unit.
- 2014-2017 Member of NeuroNET Seed Grant Review Committee.
- 2015-2016 Member of the NeuroNET Officer Selection Committee (2015).
- 2014 Member of NeuroNET Fall Retreat Organizational 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

Roth, Kelly (Fall, 2020). *Neural Correlates of Individuation and Categorization of Own- and Other-Race Faces in Infancy*. Department of Psychology. University of Tennessee.

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

M.A. Thesis – Committee Chair:

Roth, Kelly (Fall, 2017). *Intersensory redundancy and infant selective attention to audiovisual speech*. Department of Psychology. University of Tennessee.

Romano, Alexandra (Spring, 2017). *Two-dimensional and three-dimensional processing: Infant object recognition*. Department of Psychology. University of Tennessee.

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

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

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

Ph.D. Dissertation - Committee Member:

Cannistraci, Ryan (Spring, 2021). *Audiovisual Speech Processing: Implications for Speech Perception and Language Development*. Department of Psychology. University of Tennessee.

Lee, Jinha (Spring, 2020). *Seeing is Tasting: Effects OF Visual Design on Multisensory Food Experience in Online Platforms*. Department of Retail, Hospitality, and Tourism Management, University of Tennessee.

Eschman, Bret (Spring, 2019). *Identifying key markers of visual short-term memory*. Department of Psychology. University of Tennessee.

Karaman, Ferhat (Summer, 2018). *Incorporating memory processes in the study of early language acquisition*. Department of Psychology. University of Tennessee.

Wiener, Rebecca (Spring, 2018). *Perceptual-motor exploration and selection of objects in 11-month-old infants*. Department of Psychology. University of Tennessee.

Guan, Yu (Spring, 2013). *The Role of Object Size, Depth Cues, and Object Complexity in 5- and 8-Month-Olds' Visual Processing*. Department of Psychology. University of Tennessee.

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

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

M.A. Thesis – Committee Member:

Connell, John (in progress). *Tools of the trade: How functional properties affect looking and action patterns in infants*, Department of Psychology. University of Tennessee.

Kinder, Kaleb (in progress). *Coupling perception with action: A dynamic account of the effect of action on memory*, Department of Psychology. University of Tennessee.

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

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

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

Xie, Wanze (Spring, 2012). *ERP indices for detecting incongruent stimuli as a precursor to inhibitory control in 24-month-old children*. Department of Psychology. East Tennessee State University.

Undergraduate Student Committees:

Honors Thesis – Committee Chair:

Grimes, Emily (Spring, 2019). *The impact of race and affect on infant visual attention to faces*, Department of Psychology. University of Tennessee.

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

College Scholars Thesis – Committee Member:

Brito, Alex (Spring, 2017). *Effect of language immersion on advanced French learners: An ERP study*, Department of Modern Foreign Languages and Literatures. University of Tennessee.

Undergraduate Students Mentored for Independent Research Projects:

Mary Bennett (2017 - 2018), Caitlin Berosh (2016 - 2018), William Chollman (2017 - 2018), Emily Grimes (2016 - 2018), Silvia Iradukunda (2018), Jennifer Shearon (2018), Mikhayla Stover (2016 - 2018), Lauren Dukes (2016 - 2017), Laura Connor (2016 - 2017), Elizabeth Manning (2017), Margaret Casteel (2016), Mary Hawkins (2016), Michael Stephanides (2015 - 2016), Charles White (2016), Kathryn Fitch (2015), Kiya Lewis (2015), Erin Nance (2014 - 2015), Faatin Salekin (2015), Shana Womack (2015), Stephanie Capps (2014), Ayana Croff (2014), Kelsey Frix (2014), Courtney Cieselski (2013), Alexis Leeper (2013), Lindsey McGirl (2012 - 2013), Ann Scruggs (2013), Hannah Davis (2012), Stefanie Pilkay (2012), Matthew Singh (2012 - 2013), Sarah Bright (2012), Julia Collier (2012), Hannah Dixon (2012), Alexandria Whitfield (2011 - 2012), Christopher Jewett (2011), Kathryn Richter (2011), Kristin Dye (2010), Jennifer Harber (2010), Julia Collier (2010), Stephanie Davidson (2008 - 2010), Ashley Silander (2008 - 2010).

### **Outreach:**

Brain Awareness Week presentation, Woodland Elementary School, March 2022.  
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 2011.

### **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 Development  
PSYC 474 – Theories and Research in Child Development

#### 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