

**CURRICULUM VITAE**  
**AMIE HANE, PH.D.**

**Address**

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Department URL: <http://www.williams.edu/Psychology/Faculty/Hane/hane.html>

**Education**

January, 2011- November, 2013	Infant Parent Mental Health Fellowship University of Massachusetts, Boston	Certificate
August, 2002	University of Maryland Graduate School Baltimore, MD Applied Developmental Psychology Program	Ph.D. Applied Developmental Psychology
May, 1999	University of Maryland Graduate School Baltimore, MD Applied Developmental Psychology Program	M.A. Applied Developmental Psychology
May, 1996	University of Maryland, Baltimore County Baltimore, MD	B. A. Psychology ( <i>Magna Cum Laude</i> & with <i>Departmental</i> <i>Honor</i> )

**Academic Appointments**

July, 2018- Present	Professor of Psychology Williams College Williamstown, MA 01267
February, 2017- Present	<i>Adjunct Associate Research Scientist</i> Department of Pediatrics Columbia University Medical
April 2015- Present	<i>Director, Behavioral Coding Laboratory</i> Division of Nurture Science Department of Pediatrics Columbia University College of Physicians & Surgeons New York, NY 10032, USA & New York State Psychiatric Institute, New York, NY 10032, USA

January 2015-  
February, 2016      *Visiting Associate Professor in Clinical Psychology*  
Division of Developmental Neuroscience  
Department of Psychiatry  
Columbia University College of Physicians & Surgeons  
New York, NY 10032, USA &  
New York State Psychiatric Institute, New York, NY 10032, USA

July, 2012-  
Present      *Associate Professor*  
Department of Psychology  
Program in Neuroscience  
Program in Public Health  
Williams College

July, 2006-  
June, 2012      *Assistant Professor*  
Department of Psychology  
Williams College

Fall, 2005      *Assistant Professor (part-time)*  
Department of Psychology  
University of Maryland, Baltimore County

Fall 2004-  
Spring 2006      *Research Assistant Professor*  
Institute for Child Study  
University of Maryland, College Park

Fall, 2002-  
Fall, 2004      *Faculty Research Associate*  
Institute for Child Study  
University of Maryland, College Park

Fall, 2001-  
Spring, 2002      *Assistant Professor (part-time)*  
Department of Psychology  
University of Maryland, Baltimore County

Spring, 2001      *Course Instructor*  
Department of Psychology  
University of Maryland, Baltimore County

Fall, 1996-  
Summer, 2002      *Co-Investigator, Project Coordinator*  
Mother-Infant Communication Development Project  
University of Maryland, Baltimore County

### **Clinical Experience**

June, 1998-  
January, 1999      *Pediatric Neuropsychology Extern*  
Department of Neuropsychology  
Mount Washington Pediatric Hospital

Baltimore, Maryland

November, 1995-  
August, 1999

*Mental Health Associate*  
Department of Pediatric Psychiatry  
University of Maryland Medical System

### **Honors/Awards**

- 2018 *Fellow, American Psychological Society*
- 2009 *NIH Student Loan Repayment Program Recipient*  
Pediatric Research
- 2008 *NIH Student Loan Repayment Program Recipient*  
Pediatric Research
- 2006-  
2007 *NIH Student Loan Repayment Program Recipient*  
Pediatric Research
- 2001 *Dissertation Fellowship*  
University of Maryland Graduate School  
Baltimore, MD
- 2000 *Distinguished Student Research Assistantship*  
Applied Developmental Psychology Program  
University of Maryland, Baltimore County

### **Funding**

Analysis of Infant Social Behavior following Family Nurture Intervention in the NICU  
Columbia University Medical Center  
Department of Pathology and Cell Biology  
Co-Investigator on subcontract  
Principal Investigator: Martha G. Welch, MD  
Awarded 11/2013

Quality of Maternal Caregiving Behavior and Child Biological Sensitivity to Context  
Hellman Fellows Grant, Williams College  
Principal Investigator  
07/01/2010 - 06/30/2012

SES and Allostatic Load: Pregnancy Outcomes and Maternal Neurobehavior  
K99/R00 Pathway to Independence Award  
Principal Investigator: Julie Spicer  
*Eunice Kennedy Shriver* National Institute of Child Health and Human Development  
K-award Mentor, Consultant  
May, 2015-August 2017

Preventing Postpartum Depression: A Dyadic Approach Adjunctive to Obstetric Care NIH R01 HD092062-01

Principal Investigator: Catherine Monk Consultant  
July 2017-April 20 2020

Play and Learning Across A Year (PLAY) Project  
Karen Adolph, PI, Rick Gilmore, co-PI, David Millman, co-I  
Fixed Amount Subaward

### Peer Reviewed Articles

Frosch, C. A., Fagan M. A., Lopez M. A., Middlemiss, W., Chang. M., Ludwig, R. J., **Hane, A. A.**, Welch, M. G. (Under Review). Assessing Mother-Infant Relational Health via the Welch Emotional Connection Screen (WECS): Implications for Preschoolers' Socioemotional Adjustment.

Beebe, B., Buss, K.A., Messinger, D., **Hane, A.**, Lee, A.H., Margolis, A., Milne, D., Buck, K. (Under Revision). Infant distress alters the process of mother-infant communication: An integration of emotion regulation and systems views.

Beebe, B., Myers, M., Lee, S., Lange, A., Ewing, J., Rubinchik, N., Andrews, A., Austin, J., **Hane, A.**, Margolis, A., Hofer, M., Ludwig, R.J., Welch, M.G. (2018). Family nurture intervention for preterm infants facilitates positive mother-infant face-to-face engagement at four months. *Developmental Psychology*. doi:10.1037/dev0000557

**Hane, A. A.**, LaCoursiere, J. N., \*<sup>1</sup>Mitsuyama, M., Wieman, S., Ludwig, R. J., Kwon, K. Y., . . . Welch, M. G. (2018). The Welch Emotional Connection Screen: validation of a brief mother-infant relational health screen. *Acta Paediatr*. doi:10.1111/apa.14483

Miller, N. V., Degnan, K. A., **Hane, A. A.**, Fox, N. A., & Chronis-Tuscano, A. (2018). Infant temperament reactivity and early maternal caregiving: independent and interactive links to later childhood attention-deficit/hyperactivity disorder symptoms. *J Child Psychol Psychiatry*. doi:10.1111/jcpp.12934

**Hane, A.A.**, & Fox, N.A. (2016). Early caregiving and human biobehavioral development: A comparative physiology approach. *Current Opinion in Behavioral Science*, 7, 82-90. Special Edition: *Development and Behavior*.

**Hane, A.A.**, Myers, M.M., Hofer, M.A., Ludwig, R.J., Halperin, M.S., Austin, J., Glickstein, S., & Welch, M.G. (2015). Family nurture intervention improves the quality of maternal caregiving in the NICU: Evidence from a randomized controlled trial. *Journal of Developmental and Behavioral Pediatrics*, 36, 188-196. doi: 10.1097/DBP.0000000000000148.

Degnan, K.A., **Hane, A.A.**, Henderson, H.A., Walker, O.L., Ghera, M., & Fox, N.A. (2015). Emergent patterns of risk for psychopathology: The influence of infant avoidance and maternal caregiving on trajectories of social reticence. *Development and Psychopathology*, 27, 1163-1178. **Special Edition: *The Influential Child***

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<sup>1</sup> \* Denotes Williams College Student/Alumnus

Welch, M.G., Firestein, M., **Hane, A.A.**, Stark, R.I., Hofer, M.A., Garland, M., Glickstein, S.B., Brunelli, S.A., Ludwig, R.J., & Myers, M.M. (2015). Family nurture intervention in the NICU improves attention, social-relatedness and neurodevelopment of preterm infants at 18 months in a randomized controlled trial. *Journal of Child Psychology and Psychiatry*, Advanced Online publication. doi:10.1111/jcpp.12405.

Welch, M.G., \*Halperin, M.S., Stark, R.I., Hofer, M.A., **Hane, A.A.**, & Myers, M. M. (2015). Depression and anxiety symptoms of mothers of preterm infants are decreased at four months corrected age by family nurture intervention in the NICU. *Archives in Women's Mental Health*, 1434-1816. doi. 10.1007/s00737-015-0502-7. 2014

Degnan, K.A., Almas, A.N., Henderson, H.A., **Hane, A.A.**, Moas, O.L., & Fox, N.A. (2014). Longitudinal trajectories of social reticence with unfamiliar peers across early childhood. *Developmental Psychology*, 50, 2311-2323. doi. <http://dx.doi.org/10.1037/a0037751>. 2013

Welch, M.G., Myers, M.M., Grieve, P.G., Isler, J., Fifer, W.P., Sahni, R., Hofer, M., Austin, J., Ludwig, R.J., Stark, R., and the **FNI Trial Group**. (2014). Electroencephalographic activity of preterm infants is increased by Family Nurture Intervention: A randomized controlled trial in the NICU. *Clinical Neurophysiology*, 125, 675-684. doi 10.1016/j.clinph.2013.08.021

Welch, M.G., Hofer, M.A., Stark, R.I., Andrews, H.F., Austin, J., Ludwig, R.J., Myers, M.M., & the **FNI Trial Group**. (2013). Randomized controlled trial of family nurture intervention in the NICU: Assessments of length of stay, feasibility, and safety. *BMC Pediatrics*, 13, 148. doi 10.1186/1471-2431-13-148.

He, J., **Hane, A.A.**, Degnan, K., Henderson, H.A., & Fox, N.A. (2013). Anger and positive reactivity to novelty in infancy: Effects on surgency and attention regulation in early childhood. *Infancy*, 18, 184-201. doi: 10.1111/j.1532-7078.2012.00113.x. 2012

**Hane, A.A.**, & \*Philbrook, L.E. (2012). Beyond licking and grooming: Maternal regulation of infant stress in the caregiving context. *Parenting: Science and Practice*. Special issue, *The Arc of Parenting from Epigenomes to Ethics*, 12, 144-153.

Phillips, D., Crowell, N.A., Gunnar, M., Fox, N.A., Sussman, A.L., **Hane, A.A.**, Bisgaier, J. (2012). Reactive temperament and sensitivity to context in child care. *Social Development*, 21, 628-643. doi 10.1111/j.1467-9507.2011.00649.x.

Penela, E.C., Henderson, H.A., **Hane, A.A.**, & Ghera, M.M., Fox, N.A. (2012). Maternal caregiving moderates the relation between temperamental fear and social behavior with peers. *Infancy*, 17, 715-730. doi 10.1111/j.1532-7078.2012.00114.x .

Welch, M.G., Hofer, M.A., Brunelli, S.A., Stark, R. I., Andrews, H., Johnson, J.G., Myers, M.M., & the **FNI-NICU Trial Group**. (2012). Family nurture intervention (FNI): Methods and treatment protocol of a randomized controlled trial in the NICU. *BMC Pediatrics*, 12:14. doi: 10.1186/1471-2431-12-14. 2011

Almas, A., Henderson, H.A., Phillips, D., **Hane, A.A.**, & Fox, N.A. (2011). The relations between infant negative reactivity, non-maternal childcare, and children's interactions with familiar and unfamiliar peers. *Social Development*, 20, 718-740.

**Hane, A.A.**, & Barrios, E. (2011). Mother and child interpretations of threat in ambiguous situations: Relations with child anxiety and autonomic responding. *Journal of Family Psychology*, 25, 644-652. Special Issue: *Parenting at risk: New perspectives, new approaches*.

Degnan, K.A., **Hane, A.A.**, Henderson, H.A., Moas, O.L., Reeb-Sutherland, B.C., & Fox, N.A. (2011). Longitudinal stability of temperamental exuberance and social-emotional outcomes in early childhood. *Developmental Psychology*, 47, 765-780.

Pérez-Edgar, K., Reeb-Sutherland, B. C., McDermott, J. N. M., Henderson, H. A., Degnan, K. A., **Hane, A.A.**, Pine, D. S., & Fox, N. A. (2011). Attention biases to threat link behavioral inhibition to social withdrawal over time in very young children. *Journal of Abnormal Child Psychology*, 39, 885-895. 2010

He, J.H., Degnan, K.A., Martin McDermott, J., M., Henderson, H.A., **Hane, A.A.**, & Fox, N.A. (2010). Anger and approach motivation in Infancy: Relations to early childhood inhibitory control and behavior problems. *Infancy*, 15, 246-269.

**Hane, A.A.**, Henderson, H.A., Fox, N.A., & Reeb-Sutherland, B.C. (2010). Ordinary variations in human maternal caregiving in infancy and biobehavioral development in early childhood: A follow-up study. *Developmental Psychobiology*, 52, 558-567.

**Hane, A.A.**, Cheah, C., Rubin, K. H., & Fox, N.A. (2008). The role of maternal behavior in the relation between shyness and social reticence in early childhood and social withdrawal in middle childhood. *Social Development*, 17, 795-811.

**Hane, A.A.**, Fox, N. A., Henderson, H.A., & Marshall, P. J. (2008). Behavioral reactivity and approach-withdrawal bias in infancy. *Developmental Psychology*, 44, 1491-1496.

Fox, N.A., **Hane, A.A.**, & Pine, D.S. (2007). Plasticity for affective neurocircuitry: How the environment affects gene expression. *Current Directions in Psychological Science*, 16, 1-5. <sup>2</sup>.

**Hane, A.A.**, Fox, N.A., Polak-Toste, C., Ghera, M.M., Guner, B. (2006). Contextual basis of maternal perceptions of infant temperament. *Developmental Psychology*, 42, 1077-1088.

**Hane, A.A.**, & Fox, N. A. (2006). Ordinary variations in maternal caregiving of human infants influence stress reactivity. *Psychological Science*, 17, 550-556.

Ghera, M. M., **Hane, A.A.**, Malesa, E. M., & Fox, N. A. (2006). The role of infant soothability in the relation between infant negativity and maternal sensitivity. *Infant Behavior and Development*, 29, 289-293.

Feldstein, S., **Hane, A.A.**, Morrison, B.M., & Huang, K. (2004). Relation of the Australian Postnatal Attachment Questionnaire to the Attachment Q-set. *Journal of Reproductive and Infant Psychology*, 22, 111-121.

**Hane, A.A.**, Feldstein, S., & Dernetz, V.H. (2003). The relation between coordinated interpersonal timing and maternal sensitivity in four-month-old infants. *Journal of Psycholinguistic Research*, 32, 615-629.

## Invited Chapters

**Hane, A.A., & Fox, N.A.**, (2016). Studying the biology of human attachment. In P. Shaver & J. Cassidy (Eds.), *Handbook of Attachment, 3<sup>rd</sup> edition* (pp.223-241). New York, NY: Guilford Press.

Monk, C.A., & **Hane, A.A.** (2016). Fetal and infant neurobehavioral development: Basic processes and environmental influences. In A. Wenzel (Ed.), *The Oxford Handbook for Perinatal Psychology*. (pp. 53-86). Oxford University Press.

Fox, N.A., & **Hane, A.A.** (2008). Studying the biology of human attachment. In P. Shaver & J. Cassidy (Eds.), *Handbook of Attachment, 2<sup>nd</sup> edition* (pp. 217-240). New York, NY: Guilford Press.

**Hane, A.A., & Fox, N.A.** (2007). A closer look at the transactional nature of early social development: The relations among early caregiving environments, temperament, and early social development and the case for phenotypic plasticity. In F. Santoianni & C. Sabatano (Eds.), *Brain Development in Learning Environments: Embodied and Perceptual Advancement* (pp. 1-15). Newcastle, UK: Cambridge Scholars Publishing.

Fox, N. A., **Hane, A.A.**, & Perez-Edgar, K. (2006). Psychophysiological methods for the study of developmental psychopathology. In D. Cichetti (Ed.), *Developmental Psychopathology, 2<sup>nd</sup> edition*, (pp. 381-426). Hoboken, NJ: John Wiley and Sons Inc.

## Invited Presentations

Hane, A.A. (September, 2017). *Welch emotional connection scale: Development and validation*. Frontiers of Innovation Webinar Series, Center for the Developing Child. Harvard University, Boston, MA.

Hane, A.A. (September, 2017). *Welch emotional connection scale: Development and validation*. Nurture Science Program Lecture Series. Columbia University Medical Center, NY, NY

Hane, A.A. (August, 2017). *Maternal care, nurture science and the family nurture intervention: Behavioral approaches*. Department of Newborn Medicine, Brigham and Women's Hospital, Pediatrics, Harvard Medical School.

Hane, A.A., Welch, M.A. (October, 2016). *The Welch Emotional Connection Scales: Instrument development, methods, and preliminary findings*. Invited Presentation for *Parenting through Pediatrics* Meeting, The Center for the Study of Social Policy, Washington D.C.

Hane, A.A. (February, 2016). *From the Tide Pool to the Stars and Back Again: Early Caregiving and Human Neurobehavioral Development*. Faculty Lecture Series, Williams College.

Hane, A.A. and Fox, N.A. (December, 2015). *Nurture Shapes Nature: The Science of Early Experience*. Invited Presentation for the Williams College 'Teach it Forward' Campaign, Boston, MA.

Hane, A.A. (January, 2014). *Maternal Regulation of Child Biobehavioral Stress: Methods to Identify the "Hidden Regulators" Embedded in the Ordinary*. Invited presentation for the Department of Psychology, Clinical Colloquia Series, University of Massachusetts, Amherst.

Hane, A.A. (September, 2013). *Beyond Licking and Grooming: Maternal Regulation of Infant Biobehavioral Stress Responding*. Invited presentation for the Department of Psychology, Union College.

Hane, A.A. (February, 2012). *Beyond Licking and Grooming: Maternal Regulation of Stress from Infancy through Childhood*. Invited presentation for the Department of Psychology, Columbia University.

Hane, A.A. (March, 2011). *Beyond Licking and Grooming: Maternal regulation of infant stress in the caregiving context*. Invited presentation for the colloquium series for the Department of Psychology, University of Massachusetts, Amherst.

Hane, A.A. (October, 2010). *Beyond licking and grooming: Maternal regulation of infant stress in the caregiving context*. Invited presentation given at the Centre for Research in Parenting: Social and Biological Determinants of Parenting. University of Toronto, Canada.

Hane, A.A. (August, 2010). *Applying a measure of maternal expressed emotion to the study of temperament over time*. Invited presentation for the Child Development Laboratory, University of Maryland, College Park.

Hane, A.A. (March, 2009). *Maternal, infant, and dyadic contributions to early social development: Temperament, caregiving, and context*. Invited presentation for the colloquium series for the Department of Psychology, University of Connecticut. 2008.

Hane, A.A. (April, 2008). *Nature and nurture revisited: Early experience and the developing brain*. Keynote address for the 7<sup>th</sup> Annual Advanced Placement Psychology Conference, Brooklandville, MD.

Hane, A. A. & Feldstein, S. S. (May, 2004). *Rhythms of relatedness: The role of early mother-infant vocal coregulation in early social-emotional development*. Paper presented at the invited symposium entitled *Development in the Active Voice: The Relation between Vocal and Social Development* at the Biennial Meeting of the International Society for Infant Studies, Chicago, IL.



## Peer Reviewed Presentations

Hane AA, LaCoursiere JN, Mitsuyama M, Wieman S, Ludwig RJ, Kwon KY, Browne J, Austin J, Myers M, Welch MG. The Welch Emotional Connection Screen (WECS): Validation of a brief mother-infant relational health screen. *Acta Paediatr.* 2018 Jun 30. PubMed PMID: 29959878.

Frosch CA, Fagan M, Lopez M, Middlemiss W, Chang M, Hane AA, Welch MG. Assessing Emotional Connection in Mother-Infant Dyads. 2018 Abstract. Philadelphia, PA. International Congress of Infant Studies.

Hane AA, Browne JV, Del Fabbro A, LaCoursiere JN, Mitsuyama M, Needlman RD, O'Banion D, Treat C, Vanderbilt DL, Welch MG. Welch Emotional Connection Screen (WECS) A measure of mutual mother/child relational health. 2018 Abstract. Rome, Italy. World Association of Infant Mental Health.

Hane AA, LaCoursiere JN, Mitsuyama M, Wieman S, Ludwig RJ, Kwon KY, Browne J, Austin J, Myers MM, Welch MG. The Welch Emotional Connection Screen (WECS): development and validation of a brief screen for measuring mother-infant relational health. 2018 Abstract. Paris, France. European Academy of Pediatric Societies Congress.

Hane AA, Vigran A, Kwon KY, LaCoursiere JN, Ludwig RJ, Myers MM, Welch MG. The Welch Emotional Connection Screen (WECS): a novel brief screen for measuring mother-infant relational health. 2018 Abstract. Denver, CO. Global Alliance for Behavioral Health and Social Justice.

Hane, A. Browne, J., Del Fabbro, A., Frosch, C., LaCoursiere, J., \*Mitsuyama, M., Needlman, R., O'Banion, D., Treat, C., Vanderbilt, D., & Welch, M. (Submitted, Under Review). *The Welch Emotional Connection Screen (WECS): Development, validation, and reliability of a brief clinical measure of mother/child relational health.* To be presented as a poster at the 16<sup>th</sup> bi-annual World Association for Infant Mental Health. Rome, Italy, May, 201

\*Suarez, G., Myers, M.M., Fox, N.A., & Hane, A. (November, 2017). *Adverse childhood experiences and physiological responding to stress in young adults.* Paper presented as a poster at the annual meeting of the International Society for Developmental Psychobiology, Washington, D.C.

\*Mitsuyama, M., \*Wieman, S., LaCoursiere, J., Myers, M.M., Ludwig, R., Hane, A., & Welch, M.G. Emotional connection in mothers and preterm infants and infant biobehavioral responding to the still-face paradigm. Paper presented as a poster at the annual meeting of the International Society for Developmental Psychobiology, Washington, D.C.

Hane, A., LaCoursiere, Ludwig, R.J., \*Mitsuyama, M., \*Wieman, S., Browne, J., Myers, M., Welch, M. (May, 2017). *Validation of a relational screen for emotional connection in preterm infants.* Paper presented as a poster at the annual meeting of the Pediatric Academic Societies, San Francisco, CA.

Hane, A., Fox, N.A., Myers, M., & Welch, M.A. (April, 2017). *Phenotypic plasticity and early care environments: Sustained effects of postnatal programming and reversibility in human samples*. Paper presented in the symposium chaired by A. Hane & N.A. Fox, entitled *Adversity in early care environments: New Directions and challenges in applying translational research to intervention* at the biennial meeting of the Society for Research in Child Development, Austin, TX.

\*Wieman, S., \*Mitsuyama, M., \*Harris, A., \*Wellenbach, L., Barone, J., Austin, J., Ludwig, R., Myers, M., Hane, A., Welch, M.A. (April, 2017). *Family nurture intervention and biobehavioral responding to maternal still face in preterm infants*. Presented as a poster at the biennial meeting of the Society for Research in Child Development, Austin, TX.

\*Mitsuyama, M., \*Wieman, S., Austin, J., Beebe, B.B., Ludwig, R., Myers, M., Hane, A., & Welch, M.A. (April, 2017). *Family nurture* as a poster as the biennial meeting of the Society for Research in Child Development, Austin, TX.

Welch, M.A., Hane, A., Lacoursiere, J., Ludwig, R., & Myers, M.M. *The Welch Emotional Connection Scales (WECS)*. (November, 2016). Presented as a poster at the annual meeting of the Society for Neuroscience, San Diego, CA.

\*Bender Stern, J., \*Harris, A., & Hane, A.A. (November, 2014). *Maternal relationship representations and preschoolers' physiological responding during a relationship disruption*. Paper presented as a poster as the annual meeting of the International Society for Developmental Psychobiology. Washington, DC, November, 2014.

Hane, A.A., Myers, M.M., Hofer, M.A., Ludwig, R.J., \*Halperin, M.S., Kaplan, A.D., Firestein, M.R., J.E. Chafkin, J.E., Austin, J., & Welch, M.G. (November, 2014). *Family nurture intervention improves quality of maternal caregiving behavior in the NICU*. Paper presented as a poster as the annual meeting of the International Society for Developmental Psychobiology. Washington, DC, November, 2014.

\*Barrios, C., \*Cardoos, A., \*Philbrook, L., & Hane, A.A. (April, 2013). *The baby in the bath water: Associations among Maternal caregiving, neonatal somatic discomfort, and stress reactivity during bathing and dressing*. Paper presented as a poster at the biennial meeting of the Society for Research in Child Development, Seattle, WA.

Beebe, B., Parashar, N., Hane, A., Banerjee, N., Margolis, A., Loeser, M., Bandes, E., Jaffe, C., Irwin, A., Buck, K., & Lee, S. (April, 2013). *Maternal perceptions of infant difficult temperament: Mother-infant vs. stranger-infant self- and interactive contingency*. Paper presented as a poster at the biennial meeting of the Society for Research in Child Development, Seattle, WA.

Degnan, K.A., Hane, A.A., Henderson, H.A., Walker, O.L., Ghera, M., & Fox, N.A. (April, 2013). *Contextual effects on continuity and discontinuity in temperament over Time*. Paper presented in the symposium chaired by H. Henderson entitled *Risk and protective factors underlying behavioral inhibition: Biological and contextual influences* at the biennial meeting of the Society for Research in Child Development, Seattle, WA.

Hane, A.A., \*Marquis, W., & Fox, N.A. (June, 2012). *Sustained influence of infant temperamental inhibition on dyadic and maternal behavior across the first five years*. Paper

presented in the symposium chaired by R. Brooker and E. Kiel entitled *Infant Influences on Parent Emotion, Behaviors, and Symptoms: How infants may contribute to their own early risk for anxiety* at the biennial meeting of the International Society on Infant Studies, Minneapolis, Minnesota, June, 2012.

Welch, M.G., Hofer, M.A., Brunelli, S.A., Austin, J., Hane, A.A., Stark, R.I., Polin, R.A., Lorenz, J.M., Fiedor, E.S., Myers, M.M. (November, 2011). *Nurture intervention in the NICU: Neurobehavioral outcomes in preterm infants*. Paper presented as a poster at the annual meeting of the International Society of Developmental Psychobiology, Washington, DC.

Hane, A.A., \*Marquis, W., & Fox, N.A. (April, 2011). *The moderating role of maternal expressed emotion on behavioral inhibition in the emergence of anxious behaviors*. Paper presented in the symposium chaired by K. Buss entitled *Moderators and Mediators of Fearful Temperament Trajectories* at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec, Canada.

\*Hane, A.A., & \*Philbrook, L.E. (April, 2011). *Maternal regulation of infant stress in the context of routine caregiving tasks*. Paper presented in the symposium chaired by J. Mesman entitled *New Approaches to Parental Sensitivity and Its Outcomes* at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec, Canada.

\*Barrios, E. & Hane, A.A. (April, 2011). *Maternal and child behavior and child physiology during discussion of ambiguous situations*. Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec, Canada.

\*Hoff, A., Sandstrom, M.J., & Hane, A.A. (April, 2011). *“Will I get a turn?” Anticipation of peer exclusion and cardiac reactivity and regulation in school-age children*. Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec, Canada.

He, J., Hane, A.A., & Fox, N.A. (April, 2011). *Infant anger expression and its implications for child verbal intelligence*. Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec, Canada.

Beebe, B., Margolis, A., Hane, A.A., Markese, S., Jaffe, J., Chavarga, A., et al. (March, 2010). *Infant self-contingency (auto-correlation) as a component of emotion regulation*. Poster presented at the biennial meeting of the International Society in Infant Studies, Baltimore, MD.

Beebe, B., Parashar, N., Chavarga, A., Reuben, J., Margolis, A., Hane, A. A., et al. (March, 2010). *Gaze and touch, with partner and object, as 4-month joint attention precursors: Maternal depression and disorganized attachment*. Poster presented at the biennial meeting of the International Society in Infant Studies, Baltimore, MD.

He, J., Hane, A.A., & McDermott, J.M. (March, 2010). *Infant proneness to anger, maternal sensitivity during object-focused play, and joint attention skill*. Poster presented at the biennial meeting of the International Society in Infant Studies, Baltimore, MD.

He, J., Hane, A.A., McDermott, J.M., & Degnan, K. A. (March, 2010). *Infant anger expression, early social communication and the development of attention problems in young preschoolers*. Poster presented at the biennial meeting of the International Society in Infant Studies, Baltimore,

MD.

\*Kirwan, M. L., Degnan, K.A., & Hane, A.A. (March, 2010). *Continuity of exuberance from four months to five years using a novel task*. Poster presented at the biennial meeting of the International Society in Infant Studies, Baltimore, MD.

Penela, E.C., Henderson, H.A., Hane, A.A., & Ghera, M.M. (March, 2010). *Maternal socialization of emotion regulation: Promoting social engagement among inhibited toddlers*. Poster presented at the biennial meeting of the International Society in Infant Studies, Baltimore, MD.

\*Philbrook, L.E., \*Weber, S., & Hane, A.A. (March, 2010). *Relations among sympathetic, parasympathetic, and neuroendocrine responses to a modified still-face paradigm*. Poster presented at the biennial meeting of the International Society in Infant Studies, Baltimore, MD.

Margolis, A., Beebe, B., Hane, A.A., Markese, S., Jaffe, J., Buck, K., Chen, H., & Cohen, P. (February, 2010). *Infant self-regulation of affect vs. attention differs with mother vs. novel partner*. Poster presented at the annual meeting of the International Neuropsychological Society, Acapulco, Mexico.

Hane, A.A., & Fox, N.A. (April, 2009). *Maternal contributions to the development of withdrawn behavior in temperamentally at-risk children*. Paper presented in the symposium entitled *The role of parents in the development of socially inhibited and withdrawn behavior: Evidence from three developmental periods* at the Biennial Meeting of the Society for Research in Child Development, Denver, CO.

Degnan, K.A., He, J., Hane, A.A., & Fox, N.A. (April, 2009). *Anger, positive affectivity, and approach predicting exuberance in childhood*. Paper presented in the symposium entitled *Is Anger in Infants and Young Children an Approach Emotion?* Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.

He, J., Degnan, K.A., McDermott, J.M., Henderson, H.A., Hane, A.A., Fox, N.A. (April, 2009). *Anger and approach motivation in infancy: Relations to early childhood inhibitory control and behavior problems*. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.

Penela, E.C., Henderson, H.A., Moas, O.L., Hane, A.A., Ghera, M. (April, 2009) *The influence of infant negative reactivity and maternal sensitivity on toddler social engagement*. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.

Read, K.L., Degnan, K.A., Hane, A.A., Holly, L.E., Henderson, H.A., & Fox, N.A. (April, 2009). *Social-emotional outcomes of temperamental exuberance in toddlerhood*. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.

Scaletti, L., Hane, A.A., Feldstein, S., Sonnenschein, S., Morrison, B., Huang, K.Y. (April, 2009). *Maternal sensitivity moderates the relation between infant temperament and behavior problems at age two*. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.

Hane, A.A. (November, 2008). *From licking and grooming to bathing and dressing: Prenatal stress, quality of maternal caregiving behavior, and neonatal stress reactivity in humans*. Presented in the symposium organized and chaired by A.A. Hane & B. Zimmerberg entitled *Early Maternal-Fetal/Infant Relationship Contributions to Behavioral, Neural, and Physiological Development* presented as a paper at the annual meeting of the International Society for Developmental Psychobiology, Washington, DC.

Hane, A.A., Ghera, M.M., VanderWalde, H., & Fox, N.A. (August, 2008). *Temperament, mother-child interactive affect, and early childhood behavior problems*. Poster presented at the annual meeting of the American Psychological Association, Boston, MA, August, 2008.

Ghera, M.M., Hane, A.A., & Fox, N.A. (August, 2008). *Differential influences on the expression of compliance in childhood*. Poster presented at the annual meeting of the American Psychological Association, Boston, MA, August, 2008.

Degnan, K.A., Hane, A.A., Henderson, H.A., Martin McDermott, J.N., Samad, N., & Fox, N.A. (March, 2008). *Temperament trajectories from 4 to 24 months: Mitigating factors across multiple levels of analysis*. Poster presented at the Biennial International Conference on Infant Studies, Vancouver, B.C., Canada.

Ghera, M.M., Hane, A.A., & Fox, N.A. (March, 2007). *Paths to compliance: Differing influences of approach/avoidance, and maternal behavior in positive and negative infants*. Poster presented at Biennial Meeting of the Society for Research in Child Development. Boston, MA.

Holly, L., Degnan, K. A., Hane, A. A., & Fox, N. A. (March, 2007). *The Relation between infant temperamental reactivity and subsequent inhibition and risk-taking in toddlerhood*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Boston, MA.

Hane, A. A. & Fox, N. A. (March, 2007). *The biological consequences of maternal caregiving: Elucidating mechanisms of influence in the effects of early rearing environments on development*. Presented in the symposium organized and chaired by A.A. Hane & N.A. Fox entitled *The Biological Consequences of Maternal Caregiving* at the Biennial Meeting of the Society for Research in Child Development, Boston, MA.

Leith, J., Ghera, M.M., Hane, A. A., & Fox, N.A. (March, 2006). *Early temperamental reactivity, infant bids for attention, and quality of maternal responsiveness*. Poster presented at the Annual Meeting of the Eastern Psychological Association, Baltimore, MD.

Hane, A. A., & Ghera, M. M. (April, 2005). *The role of mother-infant interaction in early emotional development: The case for interactive context*. Paper presented at the symposium entitled *Setting the Trajectories for Social Competence: Temperament, Caregiving, and Context* at the Biennial Meeting of the Society for Research in Child Development, Atlanta, GA.

Hane, A. A., & Feldstein, S. (April, 2005). *The differential function of early maternal and infant vocal coregulation in the growth of communicative competence*. Paper presented at the symposium organized and chaired by A. Hane & S. Feldstein entitled *Temporally-Based Dyadic Processes* at the Biennial meeting of the Society for Research in Child Development, Atlanta, GA.

Ghera, M.M., Hane, A. A., & Fox, N. A. (May, 2004). *Predictive and contemporaneous relations between maternal report of infant temperament and observed emotionality during mother-infant interaction*. Presented as a poster at the Biennial Meeting of the International Society for Infant Studies, Chicago, IL.

Malesa, E., Guner, B., Hane, A.A., & Fox, N. A. (May, 2004). *The role of infant gender and caregiving context in the relation between maternal report of infant temperament and quality of subsequent maternal interventions*. Presented as a poster at the Biennial Meeting of the International Society for Infant Studies, Chicago, IL.

Schlenger, A., Ghera, M. M., Hitchcock, I., Hane, A. A., & Fox, N.A. (May, 2004). *The relation between early maternal report of infant temperament and degree of subsequent shared positive affect during mother-infant interactions*. Presented as a poster at the Biennial Meeting of the International Society for Infant Studies, Chicago, IL.

Hane, A.A. (April, 2003). *A preliminary examination of the relation between early mother-infant vocal rhythms and internalizing and externalizing behaviors at age two*. Presented as a poster at Biennial Meeting of the Society for Research in Child Development, Tampa, FL.

Hane, A.A., & Feldstein, S. (April, 2003). *The concurrent validity of the expressive and receptive one-word picture vocabulary tests for developmentally normal 2 to 2 ½ year olds*. Presented as a poster at the Biennial Meeting of the Society for Research in Child Development, Tampa, FL.

Fox, N., & Hane, A.A. (November, 2002). *Conundrums in the measurement of social and emotional behavior*. Invited talk given at the workshop for New Directions in Young Children's Socio-Emotional Measures, Washington D.C.

Hane, A.A., Feldstein, S., Huang, K.Y., Morrison, B. (April, 2002). *A dyadic approach to the relation between mother-infant vocal contingency and language development: A preliminary report of longitudinal data*. Paper presented as a poster at the Biennial Meeting of the International Society for Infant Studies, Toronto, Canada, April, 2002.

Huang, K.Y., Feldstein, S., Barr, E., Hane, A.A., & Morrison. (April, 2002). *Preliminary examination of the relation between maternal affect and mother infant coordinated interpersonal timing in 12-month-old infants*. Presented as a poster at the Biennial Meeting of the International Society for Infant Studies, Toronto, Canada, April 2002.

Morrison, B.M., Huang, K.Y., Hane, A.A., Peters, J., & Feldstein, S. (April, 2002) *Parenting stress, infant temperament, and parent-infant attachment security*. Presented as a poster at the Biennial Meeting of the International Society for Infant Studies, Toronto, Canada, April 2002.

Smith, J., Morrison, B. M., Huang, K.Y., Hane, A. A., & Feldstein, S. (April, 2002). *Parenting stress infant temperament, and parent-infant attachment security*. Poster presented at the Biennial Meeting of the International Society for Infant Studies, Toronto, Canada.

Huang, K.Y., Hane, A.A., Morrison, B.M., & Feldstein, S. (June, 2001). *Maternal self-efficacy as a moderator in the relation between marital adjustment and mother-infant attachment*. Poster presented at the annual meeting of the American Psychological Society, Toronto, Canada.

Morrison, B. M., Huang, K. Y., Hane, A.A., Peters, J., & Feldstein, S. (June, 2001). *The relation*

*between child birth order, parenting stress, and marital harmony in fathers of 12-month-old infants.* Poster presented at the Annual Meeting of the American Psychological Society, Toronto, Canada.

Feldstein, S., Hane, A.A., Morrison, B.M., & Huang, KY. (April, 2001). *Relation of the Australian Attachment Questionnaire to the Attachment Q-set: An initial study.* Presented as a poster at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, MN.

Huang, K. Y., Hane, A.A., Schoolcraft, S. (April, 2001). *Maternal sensitivity plays no role in the relation between mother-infant attachment and perceived marital adjustment.* Paper presented as a poster at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, MN.

Huang, K. Y., Hane, A.A., Morrison, B., & Feldstein, S. (May, 2000). *Maternal self-efficacy as a moderator in the relation between marital adjustment and mother-infant attachment.* Poster presented at the Annual Meeting of the American Psychological Society, Miami Beach, FL. 2000

Benhorin, R., Hane, A.A., Dernetz, V. H., Feldstein, S., Morrison, B. M., & Bozylinski, K. (May, 2000). *Ratings of maternal self-efficacy at 4 months do not predict mother-infant attachment at 12 months.* Poster presented at the Biennial Meeting of the American Psychological Society, Miami, FL

Morrison, B.M., Hane, A. A., & Feldstein, S. (May, 2000). *Maternal parity and parenting stress do not predict perceptions of marital harmony.* Poster presented at the Biennial Meeting of the American Psychological Society, Miami, FL.

Morrison, B. M., Hane, A.A., Dernetz, V.H., Raatz, B., Bozylinski, K. L., & Feldstein, S. (March, 2000). *Relations of infant birth order and temperament to perceptions of marital harmony reported by mothers of developmentally normal four-month-old infants.* Poster presented at the Annual Meeting of the Eastern Psychological Association, Baltimore, MD.

Hane, A.A., Dernetz, V.H., Huang, K., Morrison, B., & Feldstein, S. (March, 2000). *Maternal sensitivity and coordinated interpersonal timing at 4 months in relation to mother-infant attachment at 12 months.* Poster presented at the Annual Meeting of the Eastern Psychological Association, Baltimore, MD.

Huang KY, & Hane A.A. (April, 2000). *The relation between maternal well-being and maternal sensitivity in 4-month-old infants.* Paper present at 22nd Annual University of Maryland Baltimore Graduate School Research Conference.

Hane, A.A., Feldstein, S., Crown, C., Beebe, B., Jasnow, M., & Jaffe, J. (April, 1999). *The relation between mother-infant vocal coordination to attachment with 12-month-old infants.* Poster presented at the Biennial Meeting of the Society for Research in Child Development, Albuquerque, NM.

Hane, A.A., Morrison, B., & Loo, S. (April, 1999). *The relation between maternal sensitivity and coordinated interpersonal timing in four-month-old infants.* Poster presented at the Biennial Meeting of the Society for Research in Child Development, Albuquerque, NM.

Hane, A. A. (April, 1999). *Temporal aspects of mother-infant interaction: The relation between*

*coordinated interpersonal timing and maternal sensitivity*. Paper presented in a symposium at the 21<sup>st</sup> Annual University of Maryland Baltimore Graduate School Research Conference, Baltimore, MD. (Winner, best research paper in section).

Feldstein, S., Ashley-Hane, A., Hoffman, A., Hoffhines, V. (May, 1998). *Automated estimates of speech rate in dialogues*. Poster presented at the Annual meeting for the American Psychological Society, Washington D.C.  
1997

Ashley, A.M., Feldstein, S., Hoffhines, V.L., & White, K.A. (April, 1997). *Mother-toddler attachment and coordinated interpersonal timing during play interactions: A preliminary analysis*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Washington, D.C.  
1996

Hoffhines, V.L., White, K.A., Ashley, A.M., & Feldstein, S. (April, 1996). *Pre- and Perinatal adversity, quality of mother-infant attachment, and parenting stress: A preliminary analysis*. Poster presented at the Biennial Meeting of the International Society for Infant Studies, Providence, RI.

## **Peer Review Experience**

### **Editorial Board, Member**

*Emotion*

### **Ad-Hoc Journal Reviews**

*Archives of Pediatrics, Attachment and Human Development, British Journal of Developmental Psychology, Child Development, Developmental Cognitive Neuroscience, Development and Psychopathology, Developmental Psychology, Developmental Review, Early Human Development, Emotion, Frontiers in Psychology, Infancy, Infant and Child Development, Journal of Abnormal Child Psychology, Journal of Child and Family Studies, Journal of Child Psychology and Psychiatry, Journal of Early Adolescence, Journal of Family Psychology, Journal of Pediatrics, Journal of Reproductive and Infant Psychology, Journal of Research in Personality, Psychiatry Research, Psychological Bulletin, Psychological Review*

### **Conference Submission Reviews**

*Society for Research in Child Development 2009, Review Panel  
International Conference in Infant Studies 2010, Review Panel  
International Conference in Infant Studies 2012, Review Panel  
International Conference in Infant Studies, 2014, Review Panel  
International Conference in Infant Studies, 2014, Undergraduate Travel Award Review Panel  
International Conference in Infant Studies, 2016, Review Panel  
International Conference in Infant Studies, 2016, Undergraduate Travel Award Review Panel  
Society for Research in Child Development, 2017, Review Panel*

### **Book Reviews**

Cole, Lightfoot, & Cole, *The Development of Children, 6<sup>th</sup> Edition*, Worth, Guilford.



**Book Chapters**

R. Shiner and M. Zenter (Eds.), *Handbook of Temperament*.

**Grant Reviews**

National Science Foundation, 2010

National Science Foundation, 2007

**Directed Undergraduate Thesis Projects**

1. Mitchell, A. (May, 2018). *Maternal Physiological Responding to Family Nurture Intervention in the NICU*. Honors thesis, Department of Psychology, Williams College
2. Suarez, G. (May, 2017). *Adverse Childhood Experiences and Physiological Responding to Stress in Young Adults*. Honors thesis, Department of Psychology, Williams College.
3. Mitsuyama, M. (May, 2016). *Family Nurture Intervention and Mother-Infant Emotional Connectedness at Infant Correct Age Four Months*. Honors thesis, Department of Psychology, Williams College.
4. Wieman, S. (May, 2016). *Biobehavioral responding to maternal still face in preterm infants*. Honors thesis, Department of Psychology, Williams College.
5. Bender-Stern, J. (May, 2013). *Marital Satisfaction and Preschoolers' Physiological Response to Relational Disruption: The Mediating Role of Maternal Expressed Emotion*. Honors thesis, Department of Psychology, Williams College.
6. Barrios, C. (May, 2012). *The baby in the bath water: Infant sensitivity to discomfort, quality of maternal caregiving behavior, and infant neuroendocrine response to stress*. Honors thesis, Department of Psychology, Williams College.
7. Cardoos, A. (May, 2012). *Infant contributions to biobehavioral responding in the still-face paradigm: The regulatory function of infant gaze behavior*. Honors thesis, Department of Psychology, Williams College.
8. Ramsey, E. (May, 2011). *Temperamental and physiological correlates of response to disrupted social contingency in preschoolers*. Honors thesis, Department of Psychology, Williams College.
9. Barrios, E. (May, 2010). *Mother-child co-construction of interpretive bias to threat: Examining behavior and autonomic arousal during discussion of ambiguous situations*. Honors thesis, Department of Psychology, Williams College.
10. Hoff, A. (May, 2009). *In vivo peer rejection and self-esteem: A psychophysiological approach*. Honors thesis, Department of Psychology, Williams College.
11. Marquis, W. (May, 2009). *Antecedents of maternal expressed emotion: The joint contributions of observed temperament and mother-infant dyadic affect*. Honors thesis, Department of Psychology, Williams College.
12. Philbrook, L. (May, 2009). *Quality of maternal caregiving behavior and infant autonomic and neuroendocrine response to stress at ages six weeks and six months*. Honors thesis, Department of Psychology, Williams College.
13. Tetreault, N. (May, 2008). *The relations among pregnancy-specific and generalized prenatal stress, birth outcome, and neonatal stress reactivity*. Honors thesis, Department of Psychology, Williams College.
14. Quinn, H. (May, 2006). *The relations among infant temperament, quality of mother child interactive affect, and behavior problems in early childhood*. Undergraduate Honors Thesis, Department of Psychology, University of Maryland, College Park.
15. Delvecchio, D. (May, 2005). *The role of maternal behavior in the relation between infant negative reactivity and subsequent behavioral inhibition*. Undergraduate Honors Thesis, Department of Psychology, University of Maryland, College Park.
16. Malesa, E. (May, 2004). *The relation between infant temperamental reactivity and*

- subsequent maternal sensitivity*. Undergraduate Honors Thesis, Department of Psychology, University of Maryland, College Park.
17. Schlenger, A. (May, 2004). *The relation between infant temperament and the affective quality of mother-infant interaction*. Undergraduate Honors Thesis, Department of Psychology, University of Maryland, College Park.

### **Master's Thesis Committees**

Laura Scaletti, Applied Developmental Psychology, University of Maryland, Baltimore County.

### **Doctoral Committees**

Laura Scaletti, Candidate, Applied Developmental Psychology, University of Maryland, Baltimore County.

Bella M. Guner, Human Development, University of Maryland, College Park.

Melissa M. Ghera, Human Development, University of Maryland, College Park.

### **Other Mentoring**

Julie Spicer, Columbia University Medical Center, NIH K-99/R00 Mentor

### **Collaborative Meeting/Workshop Participation**

Planner/Presenter, Conducting Health Psychology Research in the Liberal Arts Setting. Session included in the Health Psychology for the 21<sup>st</sup> Century, Alliance to Advance Liberal Arts Colleges Workshop Program, Smith College, June, 2016.

### **Courses Taught**

Psychology 101: Introduction to Psychology (team taught: fall 2010; spring 2011; fall 2011; spring 2012; fall 2014; spring 2015)

Psychology 201: Experimentation and Statistics (fall 2007; spring, 2009; fall 2012; spring, 2014)

Psychology 232: Developmental Psychology (fall 2006; fall, 2008; fall 2010; fall, 2011, spring 2013; fall, 2014, spring 2016, fall, 2017)

Psychology 331T: Risk and Resilience in Early Development (tutorial, fall 2008)

Psychology 335T: Early Experience and the Developing Infant (spring 2007; spring 2008; spring 2010; spring, 2011; spring, 2012, spring 2015, fall 2015, spring, 2017, fall, 2017)

Psychology 401: Senior Seminar in Psychology (team taught: fall, 2006)

Psychology 11: Children and the Media (winter study, 2008)

Psychology 337: Temperament and Biobehavioral Development (spring, 2013)

Public Health 402: Senior Seminar in Public Health (spring, 2016, spring, 2017)

### **Service**

#### **Williams College**

Academic Year

2007-08	Member, Standing Committee for Williams College Children's Center
2008-09	Member, Standing Committee for Williams College Children's Center
2008-09	Member, Advisory Council for the Program in Public Health
2008-09	Participant, First Generation Advising Pilot Program
2009-10	Member, Advisory Council for the Program in Public Health
2010-11	Member, Standing Committee for College and Community Relations
2010-11	Member, Advisory Board, Williams College Children's Center
2011-12	Member, Standing Committee for College and Community Relations
2011-12	Member, Advisory Board, Williams College Children's Center
2011-12	Member, Clinical Job Search Committee, Department of Psychology
2012-13	Member, Standing Committee for College and Community Relations
2012-13	Member, Advisory Council for the Program in Public Health
2012-13	Member, Institutional Review Board
2012-13	Chair, Developmental Job Search Committee, Department of Psychology
2012-13	Chair, Developmental Visiting Scholar Search Committee, Department of Psychology
2014-15	Member, Standing Committee for College and Community Relations
2014-15	Member, Institutional Review Board
2014-15	Member, Advisory Council for the Program in Public Health
2015-16	Member, Institutional Review Board
2015-16	Member, Advisory Council for the Program in Public Health
2015-16	Member, Institutional Review Board
2015-16	Chair, Developmental Visiting Scholar Search Committee, Department of Psychology
2016-17	Member, Institutional Review Board
2016-17	Member, Advisory Council for the Program in Public Health
2017-18	Member, Institutional Review Board
2017-18	Member, Advisory Council for the Program in Public Health
2018-19	Member, Advisory Council for the Program in Public Health
2018-19	Member, Institutional Review Board

### **Community**

August, 2017- Present	Board of Directors Berkshire Baby Box
October, 2016- Present	Chair, Parent Advisory Council for Special Education Mount Greylock Regional School District
September, 2014- June, 2016	Vice Chair, Parent Advisory Council for Special Education Williamstown Elementary School
September, 2010- September, 2014	Chair, Parent Advisory Council for Special Education Williamstown Elementary School
March, 2011	Member, Principal Search Committee Williamstown Elementary School Williamstown, MA 01267
Fall 2007 - August, 2010	Advisory Board, Parent Advisory Council for Special Education Williamstown Elementary School

September, 2008-  
August, 2011      Member, State Advisory Council for Special Education  
Board of Elementary and Secondary Education  
Massachusetts