

## **Karen Appleyard Carmody**

### **PERSONAL INFORMATION**

Office: Center for Child & Family Health  
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Durham, NC 27701  
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### **EDUCATION AND TRAINING**

#### **EDUCATION**

Ph.D., University of Minnesota, Minneapolis, MN, 2005  
Major: Clinical Psychology and Child Development  
Co-Advisers: Byron Egeland and L. Alan Sroufe  
Dissertation: The role of social support relationships in the lives of young high risk children  
Predoctoral Psychology Internship, University of North Carolina School of Medicine, Chapel Hill, NC, 2004-5  
MA, University of Minnesota, Minneapolis, MN, 2003  
Thesis: When more is not better: The role of cumulative risk in child behavior outcomes  
MSW, University of Pennsylvania, Philadelphia, PA, 1995  
Thesis: Healing dynamics of cancer support groups  
BA, with Distinction, University of Virginia, Charlottesville, VA, 1993  
Major: Psychology; Minor: French

#### **ADDITIONAL TRAINING AND WORKSHOPS**

Summer Research Institute, June 2006  
National Data Archive on Child Abuse and Neglect (NDACAN), Cornell University.  
Conducted secondary analysis of LONGSCAN Study data. Research manuscript based on this work published 2010.  
Atypical Maternal Behavior Instrument for Assessment and Classification (AMBIANCE) Coding System  
Harvard University, Boston, MA, Elisa Bronfman, Ph.D., and Karlen Lyons-Ruth, Ph.D.,  
Instructors. Training, July 2005. Certified Coder, Dec. 2006.  
Adult Attachment Interview (AAI) Coding Training, June 2002  
Minneapolis Attachment Institute, June F. Sroufe, Ph.D., Instructor. Certified Coder, May 2004.  
Strange Situation Infant Attachment Paradigm and Disorganization Training, July 2002  
Minneapolis Infant Attachment Institute, L. Alan Sroufe, Ph.D., and Elizabeth Carlson, Ph.D.,  
Instructors.  
Irving B. Harris Infant Mental Health Fellowship, 1999-2000  
Louisiana State University Health Sciences Center. Specialized training in attachment and infant  
mental health theory, assessment, and interventions.  
University Affiliated Program (UAP) Fellowship, 1994-1995  
University of Pennsylvania. Specialized training for leadership in developmental disabilities and  
family centered care.

#### **HONORS AND AWARDS**

Early Career Award, American Psychological Association, Division 37 – Society for Child and Family  
Policy and Practice, Section on Child Maltreatment, 2012  
Martin S. Wallach Outstanding Clinical Intern Award, UNC School of Medicine, 2005  
US Department of Health and Human Services Children's Bureau Grant, 2003-2004  
Eva O. Miller Fellowship, University of Minnesota, 2001-2002

Chi Omega Fraternity Alumnae Educational Grant, 2001  
Institute of Child Development Block Grant Fellowship, University of Minnesota, 2000  
Finalist for Gray Carrington Scholarship in recognition of service, leadership, and scholarship,  
Intermediate Honors, Dean's List (7 semesters), Psi Chi Psychology National Honor Society, Golden Key  
National Honor Society, Phi Eta Sigma National Honor Society, University of Virginia, 1989-1993

### **PROFESSIONAL EXPERIENCE AND EMPLOYMENT HISTORY**

Assistant Professor, Center for Child & Family Health, Department of Psychiatry and Behavioral  
Sciences, Duke University School of Medicine, Durham, NC, Nov. 2013 – present  
Clinical Associate, Center for Child & Family Health, Department of Psychiatry and Behavioral  
Sciences, Duke University School of Medicine, Durham, NC, Dec. 2009 – Oct. 2013  
Research Scientist, Center for Child and Family Policy, Duke University, Durham, NC, Sept. 2007 –  
Dec. 2009  
Postdoctoral Research Fellow, Center for Developmental Science, University of North Carolina, Chapel  
Hill, NC, Sept. 2005 – Aug. 2007  
Predoctoral Psychology Intern, Department of Psychiatry, University of North Carolina, Chapel Hill, NC,  
Sept. 2004 – Aug. 2005  
Graduate Research Assistant, Institute of Child Development, University of Minnesota, Minneapolis,  
MN, Sept. 2000 – July 2004  
Irving B. Harris Infant Mental Health Fellow and Violence Intervention Program Clinician, LSU Health  
Sciences Center, New Orleans, LA, July 1999 – June 2000  
Family Educator, Family Center, Charlotte, NC, Aug. 1997 – June 1999  
Group Facilitator, Kindermourn, Charlotte, NC, Spring 1998 – Spring 1999  
Early Intervention Specialist, Family Resource Program, Brevard, NC, July 1995 – July 1997

### **ADDITIONAL EXPERIENCE AND CLINICAL PRACTICE**

Psychology Postdoctoral Fellow, Center for Child & Family Health, Durham, NC, Sept. 2005 – Aug.  
2007  
Practicum Student, Minnesota Child Response Initiative, Minneapolis, MN, May 2003 – July 2004  
Practicum Student, Hennepin County Family & Children's Mental Health Center, Minneapolis, MN, Jan.  
2003 – June 2004  
Practicum Student, Phyllis Phelan, Ph.D. (Private Practitioner), St. Paul, MN, May 2002 – Sept. 2003  
Practicum Student, University of Minnesota Pediatric Psychology, Minneapolis, MN, May 2002 – Dec.  
2002  
Social Work Intern and University Affiliated Program Fellow, Children's Seashore House, Philadelphia,  
PA, Sept. 1994 – May 1995  
Adoption and Foster Care Social Work Intern, Lutheran Children and Family Service, Philadelphia, PA,  
Sept. 1993 – May 1994  
Undergraduate Intern, Community Supervision Program, Charlottesville, VA, Sept. 1992 – May 1993  
Referrals Program Director and Volunteer, Open House Hotline, Madison House Volunteer Program,  
Charlottesville, VA, Jan. 1991 – May 1993  
Undergraduate Research Assistant, Department of Psychology, University of Virginia, Charlottesville,  
VA. Adviser: Robert Sellers, Ph.D., Sept. 1992 – May 1993

### **PUBLICATIONS**

#### **REFEREED JOURNAL ARTICLES**

Zvara, B. J., Mills-Koonce, W. R., **Carmody, K. A.**, Cox, M., & the Family Life Project Key  
Contributors (2016). Maternal childhood sexual trauma and child conduct problems. *Journal of  
Family Violence (online first)*. DOI:10.1007/s10896-016-9876-1

- Zvara, B.J., Mills-Koonce W.R., **Appleyard Carmody, K.**, Cox, M. & the Family Life Project Key Contributors (2015). Childhood sexual trauma and subsequent parenting beliefs and behaviors. *Child Abuse and Neglect*, *44*, 87-97. DOI: 10.1016/j.chiabu.2015.01.012
- Appleyard Carmody, K.**, Haskett, M. E., Loehman, J., & Rose, R. A. (2015). Physically-abused children's adjustment at the transition to school: Child, parent, and family factors. *Journal of Child and Family Studies*, *24*, 957-969. (Advance online publication, 2014). DOI: 10.1007/s10826-014-9906-7
- Berlin, L. J., Shanahan, M., & **Appleyard Carmody, K.** (2014). Promoting supportive parenting in new mothers with substance use problems: A pilot randomized trial of residential treatment plus an attachment-based parenting program. *Infant Mental Health Journal*, *35*, 81-85. DOI: 10.1002/imhj.21427
- Murphy, R. A., Sink, H. E., Ake, G. S., **Appleyard Carmody, K.**, Amaya-Jackson, L. M., & Briggs, E. C. (2014). Predictors of treatment completion in a sample of youth who have experienced physical and sexual trauma. *Journal of Interpersonal Violence*, *29*, 3-19. DOI: 10.1177/0886260513504495
- Appleyard, K.**, Berlin, L. J., Rosanbalm, K. D., & Dodge, K. A. (2011). Preventing early child maltreatment: Implications from a longitudinal study of maternal abuse history, substance use problems, and offspring victimization. *Prevention Science*, *12*, 139-149. DOI: 10.1007/s11121-010-0193-2
- Mills-Koonce, W. R., **Appleyard, K.**, Barnett, M., Deng, M. Putallaz, M., & Cox, M. (2011). Adult attachment style and stress as risk factors for early maternal sensitivity and negativity. *Infant Mental Health Journal*, *32*, 277-285. DOI: 10.1002/imhj.20296
- Berlin, L. J., **Appleyard, K.**, & Dodge, K. A. (2011). Intergenerational continuity in child maltreatment: Mediating mechanisms and implications for prevention. *Child Development*, *82*, 162-176. DOI: 10.1111/j.1467-8624.2010.01547.x
- Rosanbalm, K. D., Dodge, K. A., Murphy, R., O'Donnell, K., Christopoulos, C., Williams, S., **Appleyard, K.**, & Daro, D. (2010). Evaluation of a collaborative community-based child maltreatment prevention initiative. *Protecting Children*, *25*, 8-23.
- Appleyard, K.**, Yang, C., & Runyan, D. K. (2010). Delineating the maladaptive pathways of child maltreatment: A mediated moderation analysis of the roles of self-perception and social support. *Development and Psychopathology*, *22*, 337-352. DOI: 10.1017/S095457941000009X
- Bjurstrom, J., Murphy, R., Ake, G., & **Appleyard, K.** (2009). Improving law enforcement and mental health services for child trauma victims in North Carolina. *Police Chief: Journal of the International Association of Chiefs of Police*, *76*(7), 44-48.
- Appleyard, K.**, Egeland, B., & Sroufe, L. A. (2007). Direct social support for young high risk children: Relations with behavioral and emotional problems across time. *Journal of Abnormal Child Psychology*, *35*, 443-457. DOI: 10.1007/s10802-007-9102-y
- Berlin, L. J., & **Appleyard, K.** (2007, May). Supporting healthy relationships between young children and their parents: Lessons from attachment theory and research. *Brown University Child and Adolescent Behavior Letter*, *23*(5), 1 & 4-6.

**Appleyard, K.**, Egeland, B., VanDulmen, M. H. M., & Sroufe, L. A. (2005). When more is not better: The role of cumulative risk in child behavior outcomes. *Journal of Child Psychology and Psychiatry*, *46*(3), 235-245. DOI: 10.1111/j.1469-7610.2004.00351.x

Burt, K., VanDulmen, M. H. M., Carlivati, J., Egeland, B., Sroufe, L. A., Forman, D., **Appleyard, K.**, & Carlson, E. A. (2005). Mediating links between depression and offspring psychopathology: The importance of independent data. *Journal of Child Psychology and Psychiatry*, *46*(5), 490-499. DOI: 10.1111/j.1469-7610.2004.00367.x

**Appleyard, K.**, & Osofsky, J. D. (2003). Parenting after trauma: Supporting parents and caregivers in the treatment of children impacted by violence. *Infant Mental Health Journal*, *24*(2), 111-125. DOI: 10.1002/imhj.10050

Susman-Stillman, A., **Appleyard, K.**, & Siebenbruner, J. (2003). For better or for worse: An ecological perspective on parents' relationships and parent-infant interaction. *Zero to Three*, *23*(3), 4-12.

Egeland, B., Yates, T., **Appleyard, K.**, & VanDulmen, M. H. M. (2002). The long-term consequences of maltreatment in the early years: A developmental pathway model to antisocial behavior. *Children's Services: Social Policy, Research, and Practice*, *5*, 249-260.

#### BOOK CHAPTERS AND BOOK REVIEWS

Fairbank, J., Briggs-King, E., **Appleyard Carmody, K.**, Greeson, J., & Woods, B. (2014). Resilience in children. In L. A. Zoellner & N. Feeny (Eds.), *Facilitating resilience and recovery following traumatic events* (pp. 91-112). New York: Guilford Press.

Johnson, M. & **Appleyard, K.** (2010). Infant psychosocial disorders. In T. D. Wachs & G. Bremner (Eds.), *Handbook of Infant Development Volume 2: Applied and Policy Issues* (2<sup>nd</sup> ed., pp. 280-307). Boston: Blackwell Publishing.

Berlin, L. J., Cassidy, J., & **Appleyard, K.** (2008). The influence of early attachments on other relationships. In J. Cassidy & P. R. Shaver (Eds.), *Handbook of Attachment* (2nd ed.) (pp. 333-347). New York: Guilford Press.

Crick, N. R., Ostrov, J. M., **Appleyard, K.**, Jansen, E. A., & Casas, J. F. (2004). Relational aggression in early childhood. In M. Putallaz and K. L. Bierman (Eds.), *Duke Series in Child Development and Public Policy: Vol. 1. Aggression, antisocial behavior, and violence among girls: A developmental perspective* (pp. 71-89). New York: Guilford Publications.

**Appleyard, K. E.** (2001). [Review of the book by Joan Lovett, *Small wonders: Healing childhood trauma with EMDR.*] *Infant Mental Health Journal*, *22*, 512-514.

#### POLICY BRIEFS and OTHER NON-REFEREED MANUSCRIPTS

**Appleyard Carmody, K.**, Dozier, M., Amaya-Jackson, L., Murphy, R.A., & Alvord, A. (2013, Winter). Best practices for disseminating early childhood maltreatment evidence-based care: The LAUNCHing ABC in NC Project. *Section on Child Maltreatment Newsletter: American Psychological Association, Division 37, 18*(1), pp. 6-10. <http://www.apadivisions.org/division-37/publications/newsletters/maltreatment/2013/01/issue.pdf>

**Appleyard, K.**, & Berlin, L. J. (2007, Spring). *Supporting healthy relationships between young children and their parents: Lessons from attachment theory and research*. Durham, NC: Duke University, Center for Child and Family Policy. Available from: <http://www.childandfamilypolicy.duke.edu/pdfs/pubpres/SupportingHealthyRelationships.pdf>

#### PAPERS UNDER REVIEW, IN PREPARATION, OR UNPUBLISHED

- Berlin, L. J., Martoccio, T. L., **Appleyard Carmody, K.**, Goodman, W. B., O'Donnell, K., Williams, J., Murphy, R. A., & Dodge, K. A. (under review). Can typical U.S. home visits affect infant attachment processes? Preliminary findings from a randomized trial of Healthy Families Durham.
- Roben, C. K. P., **Appleyard Carmody, K.**, Meade, E. B., & Dozier, M. (in preparation). Dissemination of an effective prevention program for at-risk infants: Meeting the challenges of reaching more families.
- Donisch, K., Gewirtz, A., **Appleyard Carmody, K.**, Spinazzola, J., Amaya-Jackson, L., Briggs-King, E., Steinberg, A., & Liang, L.-J. (in preparation). Examining the relations among complex trauma, impaired caregiving, and child functioning using a developmental perspective.
- Henry, J., Richardson, M. M., Black-Pond, C., Briggs-King, E., & **Appleyard Carmody, K.** (in preparation). Neurodevelopmental impact of trauma: Shifting the mental health assessment paradigm for traumatized children.

### **CONFERENCE, INVITED MEETING, AND PROFESSIONAL WORKSHOP PRESENTATIONS**

- Lent, M., Chase, R., **Carmody, K.**, Murphy, R., Amaya-Jackson, L., Wray, E., Ake, G., Sullivan, K., White, D., Gurwitch, R. (2016, October). *Effective components of PCIT consultation as reported by community providers*. Poster to be presented at the 50<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, New York, NY.
- Appleyard Carmody, K.**, Roben, C. K. P., Dozier, M., Murphy, R. A., Amaya-Jackson, L., & Alvord, A. (2015, May). Community-based dissemination of ABC: Successes and challenges of implementation and sustainability. In M. Dozier (Chair), *Scaling Effective Early Childhood Interventions*. Paper presented at the Society for Prevention Research. Washington, DC.
- Donisch, K., Gewirtz, A., **Appleyard Carmody, K.**, Spinazzola, J., Amaya-Jackson, L., Briggs-King, E., Steinberg, A., & Liang, L.-J. (2015, March). Examining the relations among complex trauma, impaired caregiving, and child functioning using a developmental perspective. In K. Appleyard Carmody (Chair), *Toward Developmentally-Informed Trauma Treatment: Examining the Influences of Family Context in Trauma and Maltreatment Research*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Philadelphia, PA.
- Zvara, B. J., **Appleyard Carmody, K.**, Mills-Koonce, W. R., & Cox, M. (2015, March). Maternal childhood sexual trauma and conduct problems in offspring: Multiple pathways of influence. In K. Appleyard Carmody (Chair), *Toward Developmentally-Informed Trauma Treatment: Examining the Influences of Family Context in Trauma and Maltreatment Research*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Philadelphia, PA.
- Appleyard Carmody, K.** (2014, June). *Developmental science meets implementation science: Disseminating Attachment and Biobehavioral Catch-up in North Carolina*. Invited presentation at Long-term Sustainability of ABC Meeting. Baltimore, MD.
- Appleyard Carmody, K.** (2014, April). *Developmental science meets implementation science: Disseminating Attachment and Biobehavioral Catch-up in North Carolina*. Invited presentation at University of North Carolina at Chapel Hill Department of Psychology Developmental Lunch Meeting. Chapel Hill, NC.
- Appleyard Carmody, K.** (2013, May). *Attachment matters: What it is, its importance, and what to do*. Presentation at the 2013 National Smart Start Conference. Greensboro, NC.

- Berlin, L. J., **Appleyard Carmody, K.**, Aparicio, E., & Dodge, K. A. (2013, April). Predicting and prevention early maltreatment: Leveraging mothers' own parenting histories and early parenting behaviors. In K. Appleyard Carmody (Chair), *From Bedside to Bench and Back: Basic and Applied Developmental Science to Prevent Early Childhood Maltreatment*. Paper presented at the Biennial meeting of the Society for Research in Child Development. Seattle, WA.
- Appleyard Carmody, K.**, Haskett, M. E., & Loehman, J. (2011, November). Relational trauma and resilience: Child, parent, and family relationship factors promoting positive child outcomes among a sample of physically abused children. In M.M. Richardson (Chair), *Relational Trauma and the Impact on Children: Assessing Beyond Behavior*. Paper presented at the International Society for Traumatic Stress Studies. Baltimore, MD.
- Chase, R. M., Murphy, R. M., Amaya-Jackson, L., **Appleyard Carmody, K.**, Wray, E., Ake, G., Sullivan, K., Alvord, A., Funderburk, B., & Eyberg, S.M. (2011, November). *PCIT of the Carolinas: A review of the learning collaborative approach in the dissemination of PCIT*. Symposium presented at the 45<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, Toronto, CA.
- Chase, R. M., Murphy, R. M., Amaya-Jackson, L., **Appleyard Carmody, K.**, Wray, E., Ake, G., Sullivan, K., & Alvord, A. (2011, November). *PCIT of the Carolinas: Building healthy futures*. Poster presented at the Duke University Medical Center Research Retreat, Durham, NC.
- Chase, R. M., Murphy, R. M., Amaya-Jackson, L., **Appleyard Carmody, K.**, Wray, E., Ake, G., Sullivan, K., & Alvord, A. (2011, September). *PCIT of the Carolinas: Preliminary results from the learning collaborative approach in the dissemination of PCIT*. Symposium presented at the Biennial PCIT International Conference, Gainesville, FL.
- Murphy, R., **Appleyard Carmody, K.**, Amaya-Jackson, L., Potter, D., & Alvord, A. (2011, July). Using a learning collaborative model to train community practitioners in Attachment and Biobehavioral Catch-up. In Dozier, M. (Chair), *Moving an evidence-based intervention for high-risk infants into the community*. Paper presented at the NIMH Mental Health Services Research Conference. Washington, DC.
- Appleyard Carmody, K.**, Haskett, M. E., Hawkins, A. L., Shanahan, M. E., & Sullivan, K. (2011, April). Early parenting and social competence: The mediating roles of representation and self-regulation in a maltreated preschool sample. In J. E. Herbers (Chair), *Parenting in contexts of risk: Observations and associations with child regulation and adjustment*. Paper presented at the biennial meeting of the Society for Research in Child Development. Montreal, Canada.
- Berlin, L., & **Appleyard Carmody, K.** (2011, March). Promoting supportive parenting in new mothers with substance use problems: A pilot randomized trial. In R. Paris (Chair), *Reflective parenting and substance abuse treatment: Findings from attachment-based interventions with mothers and young children*. Paper presented at the biennial meeting of the Society for Research in Child Development. Montreal, Canada.
- Appleyard Carmody, K.**, Walton C., & Dozier, M. (2011, March). *Healthy parent-child relationships start with ABC: Attachment and Biobehavioral Catch-up*. Presentation at the Prevent Child Abuse – North Carolina Learning and Leadership Summit. New Bern, NC.
- Appleyard, K.**, Candon J., & Smith, K. J. (2010, September). *Child Response Initiative Programs in North Carolina*. Presentation at the Project Safe Neighborhoods Middle District Conference. Winston-Salem, NC.

- Ake, G., **Appleyard, K.**, & Bjurstrom, J. (2010, July). *Prevention resources: The North Carolina Child Response Initiative*. Presented at the Project Safe Neighborhoods National Conference. New Orleans, LA.
- Appleyard, K.**, Berlin, L. J., & Rosanbalm, K. D. (2009, April). Maternal substance use problems as a mediator of the link between mothers' childhood maltreatment and offspring victimization. In K. Appleyard (Chair), *Longitudinal and Intergenerational Relations between Substance Use and Child Maltreatment*. Symposium conducted at the biennial meeting of the Society for Research in Child Development. Denver, CO.
- Berlin, L. J., **Appleyard, K.**, & Rosanbalm, K. D. (2009, April). Patterns and predictors of infant-mother attachment in recipients of home visiting services. In L. J. Berlin (Chair), *Attachment-Based Assessment and Treatment in Child Maltreatment Prevention*. Symposium conducted at the biennial meeting of the Society for Research in Child Development. Denver, CO.
- Appleyard, K.** (2008, November). Supporting healthy relationships between young children and their parents: Lessons learned from evidence-based practices. Presented at the Mountain Area Health Education Center. Asheville, NC.
- Appleyard, K.**, Berlin, L. J., Potter, D., & Sullivan, K. (2008, May). *Improving parent-child relationships in early childhood: Lessons learned from evidence-based practices*. Presented at the Wake Area Health Education Lecture Series on Early Childhood Mental Health. Raleigh, NC.
- Rosanbalm, M. K., Williams, J., & **Appleyard, K.** (2008, March). *Healthy Families Durham: Lessons learned regarding effective implementation, risk factors, and early parenting*. Presented at the annual Prevent Child Abuse North Carolina conference. Winston Salem, NC.
- Jones, S. C., **Appleyard, K.**, & Costanzo, P. (2008, March). *The buffering effects of parenting practices and ethnic identity on the relations between academics and substance use in African American adolescents*. Poster presented at the Society for Research on Adolescence biennial meeting, Chicago, IL.
- Appleyard, K.**, Berlin, L. J., & Dodge, K. A. (2007, July). Child maltreatment and later mental health problems: The mediating and moderating roles of social support during the transition to parenting. In K. Appleyard (Chair), *Effects of childhood maltreatment on new mothers' psychosocial functioning and parenting: Mechanisms underlying intergenerational continuity and discontinuity*. Symposium conducted at the International Family Violence and Child Victimization Research Conference, Portsmouth, NH.
- Appleyard, K.**, & Berlin, L. J. (2007, May). *Supporting healthy relationships between young children and their parents: Lessons from attachment theory and research*. Presentation at the 2007 National Smart Start Conference. Greensboro, NC.
- Appleyard, K.**, Runyan, D., & Yang, C. (2007, April). Delineating the maladaptive pathways of child maltreatment: The role of self perception and social support. In K. Appleyard (Chair), *Developmental perspectives on child maltreatment: Findings from the National Data Archive on Child Abuse and Neglect (NDACAN)*. Symposium conducted at the biennial meeting of the Society for Research in Child Development. Boston, MA.
- Berlin, L. J., & **Appleyard, K.** (2007, March). *Supporting healthy relationships between young children and their parents: Lessons from attachment theory and research*. Presentation at the Prevent Child Abuse North Carolina conference. Wilmington, NC.

- Berlin, L. J., & **Appleyard, K.** (2007, March). *Correlates and consequences of childhood maltreatment: Developmental processes and policy implications from a prospective longitudinal study of Durham mothers*. Presentation at the Child and Family Research Series, Center for Child and Family Policy, Duke University.
- Appleyard, K.** (2005, April). *It takes a village: How social support for young high risk children promotes resilience*. Workshop presented at the National Conference on Child Abuse and Neglect. Boston, MA.
- Appleyard, K.** (2005, April). *The role of early childhood social support on later behavioral and emotional problems*. Poster presented at the biennial meeting of the Society for Research in Child Development. Atlanta, GA.
- Carlson, E. A., Sampson, M. C., **Appleyard, K.**, Yates, T. M., & Shaffer, A. (2004, March). *Dissociative behavior in early adolescence: A developmental perspective*. Poster presented at the biennial meeting of the Society for Research on Adolescence. Baltimore, MD.
- Shaffer, A., Yates, T. M., Carlson, E. A., **Appleyard, K.**, & Sampson, M. (2004, March). *A prospective study of generational boundary dissolution: Implications for adolescent adaptation and psychopathology*. Poster presented at the biennial meeting of the Society for Research on Adolescence. Baltimore, MD.
- Appleyard, K.** (2003, April). *Early parent-child interactions predicting later child behavior problem trajectories: Role of hostility and supportive presence*. Poster presented at the biennial meeting of the Society for Research in Child Development. Tampa, FL.
- Crick, N., Ostrov, J., Cullerton-Sen, C., **Appleyard, K.**, Jansen, E. (2003, April). *A longitudinal examination of relational and physical aggression in early childhood*. Paper presented at the biennial meeting of the Society for Research in Child Development. Tampa, FL.
- Crick, N., Ostrov, J., Jansen, E., **Appleyard, K.**, & Casas, J. (2002, May). *Gender, relational aggression, and physical aggression in early childhood*. Paper presented at the first annual Duke Series on Child Development and Public Policy, Durham, NC.
- Appleyard, K.** & Egeland, B. (2002, April). *When more is not better: The role of multiple risks in child behavior outcomes*. Poster presented at the biennial meeting of the Society for Research on Adolescence. New Orleans, LA.
- Valliere, J. M., **Appleyard, K.**, & Hayes Hammer, J. (2001, December). *First Look: Child care providers' and pediatricians' perspectives of the mental health needs for children ages zero to five years*. Poster presented at the annual national training institute of Zero to Three: National Center for Infants, Toddlers, and Families. San Diego, CA.
- Egeland, B., Yates, T., & **Appleyard, K.** (2001, August). *The long-term consequences of maltreatment in the early years: A developmental pathway model to antisocial behavior*. Paper presented at the annual meeting of the American Psychological Association (APA). San Francisco, CA.
- Appleyard, K.**, Osofsky, J. D., Thompson, M. D., & Dickson, A. (2000, March). *Violence Intervention Program: A systems approach to treating children and families exposed to violence*. Presentation given at the Fourth Annual Innovations and Advances in Treatment of Aggressive Youth. Charlotte, NC.
- Appleyard, K.**, & Freeman, N. (2000, January). *Violence Intervention Program: A case study of a young child exposed to violence*. Presentation given at LSU Health Sciences Center Department of Psychiatry Grand Rounds. New Orleans, LA.



## **GRANTS FUNDED**

Eva O. Miller Fellowship, University of Minnesota. “The role of cumulative risk in child behavior outcomes.” Total amount: Graduate stipend plus tuition and fees. Period of support: 2001-2002. Appleyard: Principal Investigator.

US Department of Health and Human Services, Children’s Bureau (Grant #90CA1719/01). “The Role of Social Support in the Lives of Maltreated Children.” Total amount: \$25,000 (part of a larger doctoral fellowship grant for \$130,000). Period of support: Oct. 2003-Aug. 2004. (Susan J. Wells, University of Minnesota: Principal Investigator; Appleyard: Investigator.)

National Institute for Child Health and Development (5 T32 HD007376-20). “Human Development: Interdisciplinary Research Training.” Total amount: \$80,772 (to Appleyard over 2 years). Period of support: Sept. 2005 – Aug. 2007. (Martha Cox, The University of North Carolina at Chapel Hill: Principal Investigator; Appleyard: Post-doctoral Fellow/Investigator.)

The Duke Endowment. “Durham Family Initiative: Ensuring the Healthy Development of North Carolina’s Children.” Total amount: \$1,900,000 (over 10 years). Period of support: Sep. 2007 – Dec. 2009. (Kenneth Dodge, Duke University: Principal Investigator; Appleyard: Research Scientist/Investigator.)

Substance Abuse and Mental Health Services Administration/National Child Traumatic Stress Network. “Predictors of Treatment Completion for Traumatized Youth.” Total amount: \$5,000. Period of support: Jan. 2011 – Sept. 2011. (Robert Murphy, Duke University: Principal Investigator; Appleyard Carmody: Investigator.)

Substance Abuse and Mental Health Services Administration/National Child Traumatic Stress Network. “Neurodevelopmental Impact of Trauma.” Total amount: \$5,000. Period of support: Jan. 2011 – Sep. 2011. (James Henry, Western Michigan University: Principal Investigator; Appleyard Carmody: Investigator.)

The Duke Endowment. “Parent Child Interaction Therapy in the Carolinas.” Total amount: \$1,700,000. Period of support: Jul. 2011 – Dec. 2014. (Robert Murphy and Lisa Amaya-Jackson, Duke University: Co-Principal Investigators; Appleyard Carmody: Investigator.)

Alamance County Department of Health (contract funded by a grant to Alamance County from the Substance Abuse and Mental Health Services Administration). “NC Project LAUNCH Learning Community in Attachment and Biobehavioral Catch-up: Clinical Training, Consultation, and Implementation Support.” Total amount: \$180,000. Period of support: Jul. 2012 – Jun. 2013. (Appleyard Carmody: Principal Investigator.)

Substance Abuse and Mental Health Services Administration. “Creating Trauma-Informed Community Care.” Total amount: \$1,600,000 (over 4 years). Period of support: 10/01/12-09/30/16. (Robert Murphy and George Ake, Duke University: Co-Principal Investigators; Appleyard Carmody: Evaluator.)

Administration for Children and Families, Department of Health & Human Services. “Project BROADCAST: Disseminating Trauma-Informed Practices to Children in the North Carolina Child Welfare System.” Total amount: \$3,200,000 (over 5 years). Period of support: 10/1/12-09/30/17. (Kevin Kelley, NC Division of Social Services, and Robert Murphy, Duke University: Principal Investigators; Appleyard Carmody: Faculty.)

Substance Abuse and Mental Health Services Administration/National Child Traumatic Stress Network. “Examining the relationship of complex trauma, impaired caregiving, and child functioning using a developmental perspective.” Total amount: \$5,000. Period of support: Jan. 2013 – Sep. 2013.

(Abi Gewirtz, University of Minnesota: Principal Investigator; Appleyard Carmody: Investigator.)

John Rex Endowment. "Setting the Stage: Planning for Intentional and Effective Places and Spaces for Children's Positive Mental Health." Total amount: \$85,274. Period of support: 04/01/14-12/31/14. (Jenni Owen, Duke University: Principal Investigator; Appleyard Carmody: Investigator.)

Substance Abuse and Mental Health Services Administration. "Project Connect: Promoting Recovery from Childhood Trauma." Total amount: \$1,999,453 (over 5 years). Period of support: 10/01/16-09/30/21. (Kelly Sullivan: Principal Investigator; Appleyard Carmody: Evaluator.)

### **TEACHING EXPERIENCE**

Faculty, Attachment and Biobehavioral Catch-up Learning Community, Center for Child & Family Health, April 2017 - March 2018.

Faculty, Project Broadcast Attachment and Biobehavioral Catch-up Learning Collaborative (Cohort 2), Center for Child & Family Health, October 2015-September 2016.

Guest Lecture, "Attachment and Biobehavioral Catch-up: Promoting early childhood mental health through relationship-based intervention," presented to the UNC-Chapel Hill Child and Adolescent Psychiatry Fellows. University of North Carolina at Chapel Hill, NC. January, 2015.

Faculty, Project Broadcast Attachment and Biobehavioral Catch-up Learning Collaborative, Center for Child & Family Health, October 2013-September 2014.

Guest Lecture, "Healthy child-parent relationships start with ABC: Attachment and Biobehavioral Catch-up" for CCFH Trauma Evaluation, Treatment, Research, and Prevention Seminar Series, Duke University, Jan. 2012, March 2013, March 2014.

Guest Lecture, "Early Intervention: Supporting safe, stable, nurturing relationships with attachment-based interventions" for Psychology of Families and Parenting (PSY792), North Carolina State University, September 2013.

Guest Lecture, "Evidence-based treatments and referrals and community supports for the mother-infant dyad" for Comprehensive Screening for Maternal Depression and Infant Toxic Stress Series, North Carolina Academy of Family Physicians, July 2013.

Guest Lecture, "Child abuse prevention and Early Head Start" for CCFH Trauma Evaluation, Treatment, Research, and Prevention Seminar Series, Duke University, February 2013.

Faculty, Project LAUNCH Attachment and Biobehavioral Catch-up Learning Collaborative, Center for Child & Family Health, October 2012-September 2013.

Guest Lecture, "North Carolina Child Response Initiative and other community violence interventions" for CCFH Trauma Evaluation, Treatment, Research, and Prevention Seminar Series, Duke University, January 2012, 2011, 2012.

Instructor, Children in Contemporary Society (PubPol 124/CCS150), Sanford Institute of Public Policy, Duke University, Spring 2009.

Guest Lecture, "Interventions with children exposed to violence" for Social and Personality Development (CPSY4331), Institute of Child Development, University of Minnesota, March 2004.

Co-Instructor, Social and Personality Development (CPSY4331), Institute of Child Development, University of Minnesota, Spring 2003.

Guest Lecture, "Interventions with children exposed to violence" for Development and Interpersonal Relationships (CPSY4336), Institute of Child Development, University of Minnesota, March 2003.

Guest Lecture, "Pathways to antisocial behavior" for Behavioral and Emotional Problems in Children (CPSY4311), Institute of Child Development, University of Minnesota, November 2002.

Guest Lecture, "Risk and resilience in child maltreatment: Implications for prevention and intervention" for Child Abuse and Neglect: Intervention and Prevention (SW3406), School of Social Work, University of Minnesota, April 2002.

Guest Lecture, "Risk and resilience in child maltreatment and family violence" for Introduction to Family Violence and Prevention (SW3706), School of Social Work, University of Minnesota, October 2001.

Teaching Assistant, Introduction to Child Psychology (CPSY2301/3301), Institute of Child Development, University of Minnesota, Spring 2001, Fall 2001.

Guest Lecture, "Mental Health Needs of Preschoolers" for Human Development course, Department of Psychiatry, School of Medicine, Louisiana State University, April 2000.

### **STUDENT MENTORING AND COMMITTEES**

2013 Bharathi Zvara, University of North Carolina at Chapel Hill (Psychology), Dissertation Proposal and Final Defense.

2008-9 Megan Fields, Duke University (Psychology), Undergraduate Independent Study.

2008-9 Patrick Messac, Duke University (Psychology), Transdisciplinary Prevention Research Center Minority Research Internship, Independent Study.

2007-8 Shawn C. T. Jones, Duke University (Psychology), Transdisciplinary Prevention Research Center Minority Research Internship, Independent Study.

### **DEPARTMENTAL AND UNIVERSITY OR COMMUNITY SERVICE**

Policies and Procedures Committee, Center for Child & Family Health, 2014 to present.

Member, Professional Development and Training Committee, NC Infant and Young Child Mental Health Association. 2011 to present.

Member, North Carolina Institute of Medicine (IOM) Task Force on the Mental Health, Social, and Emotional Needs of Young Children and Families. Planning committee member, 2009 to 2010. Member, 2011-2012.

Member, North Carolina Parents as Teachers State Advisory Board, 2007 to present.

Member, Social Emotional Design Team Committee (to develop public health models for promoting social emotional development in North Carolina), 2007 to 2010.

Member, North Carolina Child Maltreatment Leadership Team Domestic Violence Subgroup (to develop a strategy for researching current DV screening measures and protocol for home visitation services in NC), 2007 to 2009.

Member, UNC Center for Developmental Science Consortium on Human Development Organizing Committee, Series Title: "Developmental Perspectives on Psychosocial Interventions," Fall 2007.

Member, Board of Directors. Residential Services, Inc. Chapel Hill, NC. 2005 - 2013. Board Secretary, 2006 to 2008. Chair of Programs and Services Committee, 2009 -2013.

Ad hoc reviewer for *American Journal of Community Psychology*, *American Journal of Orthopsychiatry*, *Attachment and Human Development*, *Child Abuse & Neglect*, *Child and Adolescent Mental Health*, *Child Development*, *Child Maltreatment*, *Development and Psychopathology*, *Developmental Psychology*, *Infant Mental Health Journal*, *Journal of Abnormal Child Psychology*, *Journal of Child Psychology and Psychiatry*, and *Social Science and Medicine*.

Ad hoc reviewer for granting agency: Ontario Mental Health Association.

Graduate student representative on the joint clinical and developmental psychology program committee (academic year 2003-2004), reference room committee (2001-2002, 2002-2003), and preschool committee (2000-2001). Institute of Child Development, University of Minnesota.

### **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

American Psychological Association, Division 37 – Society for Child and Family Policy and Practice,  
Section on Child Maltreatment; Member-at-Large on Executive Board 2015-17  
North Carolina Infant and Young Child Mental Health Association; Member, Board of Directors, 2015-  
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Society for Research in Child Development (SRCD)

**LICENSES/CERTIFICATES**

Licensed Psychologist (North Carolina). License #3457. Since October 2007.

Licensed Clinical Social Worker (North Carolina). License #C002998. Since July 1997.