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## CAROLINE K.P. ROBEN

### Curriculum Vitae

#### University Address:

University of Delaware  
Department of Psychological & Brain Sciences  
108 Wolf Hall  
Newark, DE 19716

**Email:** croben@psych.udel.edu

**Office phone:** (302) 319-1229

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### Positions

- 2013 – Scientist and Assistant Professor of Psychological & Brain Sciences  
University of Delaware, Newark, DE  
Licensed Clinical Psychologist in State of Delaware (License #: B1-0000979)
- 2012-2013 Postdoctoral Researcher  
Infant Caregiver Project  
University of Delaware, Newark, DE

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### Education

- 2012 *Ph.D.* **The Pennsylvania State University**, University Park, PA, Child Clinical Psychology  
Dissertation: *Parental Depressive Symptoms over Time and Transmission of Risk to Adopted Toddlers' Emotion Regulation*
- 2011-2012 **University of North Carolina School of Medicine**, Chapel Hill, NC  
Predoctoral Internship, specialization in community-based work in early childhood
- 2008 *M.S.* **The Pennsylvania State University**, University Park, PA, Psychology
- 2006 *A.B.* **Harvard University**, Cambridge, MA  
Major in Psychology, *cum laude* with highest honors in Psychology

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### Publications

#### Peer-Reviewed Manuscripts

- Dozier, M., **Roben, C.K.P.**, Caron, E., Hoye, J., & Bernard, K. (2018). Attachment and Biobehavioral Catch-up: An evidence-based intervention for vulnerable infants and their families. *Special Issue: Psychotherapy Research*, 28, 18-29. doi:10.1080/10503307.2016.1229873
- Roben, C.K.P.**, Dozier, M., Caron, E., & Bernard, K. (2017). ABC: Moving a parenting program into the community. *Special Issue: Child Development*, 88, 1447-1452. doi: 10.1111/cdev.12898
- Lind, T., Raby, K. L., Caron, E., **Roben, C. K. P.**, & Dozier, M. (2017). Enhancing executive functioning among toddlers in foster care with an attachment-based intervention. *Development and Psychopathology*, 29, 575-586. doi:10.1017/S0954579417000190

- Roben, C.K.P.**, Moore, G.A., Cole, P.M., Molenaar, P., Leve, L.D., Shaw, D.S., Reiss, D., & Neiderhiser, J.M. (2015). Transactional patterns of maternal depressive symptoms and mother-child mutual negativity in an adoption sample. *Infant and Child Development*, *24*, 322-342. doi:10.1002/icd.1906
- Lo, A., **Roben, C.K.P.**, Maier, C., Fabian, K., Shauffer, C., & Dozier, M. (2015). "I want to be there when he graduates:" Foster parents show higher levels of commitment than group care providers. *Children & Youth Services Review*, *51*, 95-100. doi:10.1016/j.childyouth.2015.01.022
- Roben, C.K.P.**, Cole, P.M., & Armstrong, L.M. (2013). Longitudinal relations among language skills, anger expression, and regulatory strategies in early childhood. *Child Development*, *84*, 891-905. doi: 10.1111/cdev.12027
- Shutts, K., **Roben, C.K.P.**, & Spelke, E.S. (2013). Children's use of social categories in thinking about people and social relationships. *Journal of Cognition and Development*, *14*, 36-62. doi: 10.1080/15248372.2011.638686
- Roben, C.K.P.**, Bass, A.J., Moore, G.M., Murray-Kolb, L., Tan, P.Z., Gilmore, R.O., Buss, K.A., Cole, P.M., & Teti, L.O. (2011). Let me go: The influence of crawling experience and temperament on the development of anger reactivity and regulation. *Infancy*, *17*, 558-577. doi: 10.1111/j.1532-7078.2011.00092.x
- Pemberton<sup>1</sup>, C.K.**, Neiderhiser, J.M., Leve, L.D., Natsuaski, M.N., Shaw, D.S., Reiss, D., & Ge, X. (2010). Influence of parental depressive symptoms on adopted toddler behaviors: An emerging developmental cascade of genetic and environmental effects. *Development and Psychopathology*, *22*, 803-818. doi: 10.1017/S0954579410000477
- Cole, P.M., Llera, S.J., & **Pemberton, C.K.** (2009). Emotional instability, poor emotional awareness, and the development of borderline personality. *Development and Psychopathology*, *21*, 1293-1310.
- Book Chapters and Reports:**
- Dozier, M., Bernard, K., & **Roben, C.K.P.** (2017). Attachment and Biobehavioral Catch-up. In H. Steele & M. Steele (Eds.) *Handbook of Attachment-Based Interventions, 1<sup>st</sup> Edition*. Guilford Press.
- Dozier, M., **Roben, C.K.P.**, & Hoye, J.R. (2015). Adversity in early social relationships. In S.D. Calkins (Ed.) *Handbook of Infant Development: A Biopsychosocial Perspective*. New York: Guildford.
- Dozier, M. & **Roben, C.K.P.** (2015). Attachment related preventive interventions. In J. Simpson & S. Rholes (Eds.) *Attachment theory and research: New directions and emerging themes*. New York: Guilford.
- Roben, C.K.P.** & Dozier, M. (2013). Attachment and Biobehavioral Catch-up: An evidence-based intervention for at-risk infants and toddlers. *International Journal of Behavioral Development Bulletin: Reports from the Lab*, *63*, 39-42.
- Cole, P.M., Armstrong, L.M., & **Pemberton, C.K.** (2010). Language and emotion. Peer reviewed chapter in M.A. Bell & S.D. Calkins (Eds.) *Child development at the intersection of emotion & cognition*. Washington, D.C.: American Psychological Association.

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<sup>1</sup> Caroline Roben, née Pemberton

### **Manuscripts Under Review:**

- Caron, EB, **Roben, C.K.P.**, Yarger, H.A., & Dozier, M. (under review). Novel Methods for Screening Clinicians: Contributions from the Attachment and Biobehavioral Catch-up.
- Fields-Olivieri, M.A., Cole, P.M., & **Roben, C.K.P.** (under review). Developmental variations in links between children's emotion expressions and mother- and father-child conversations.
- Costello, A.H., **Roben, C.K.P.**, Schein, S.S., Blake, F., & Dozier, M. (under review). The role of technology in monitoring fidelity of a parenting intervention.
- Costello, A.H., **Roben, C.K.P.**, & Dozier, M. (invited chapter under review). Attachment and Biobehavioral Catch-up. In A. Morris & A. Williamson (Eds.) *Building Early Social and Emotional Relationships in Infants and Toddlers*. Springer.
- Blake, F., Schein, S., **Roben, C.K.P.**, Yarger, H.A., & Dozier, M. (under review). Cognitive characteristics of parent coaches influence fidelity in the Attachment and Biobehavioral Catch-up Intervention.
- Schein, S.S., Costello, A.H., **Roben, C.K.P.**, & Dozier, M. (under review). Implementing Attachment and Biobehavioral Catch-up with foster parents.

### **Honors/Awards**

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- 2015            Journal of Cognition and Development's Best Article Award in 2013 for co-authored *Children's use of social categories in thinking about people and social relationships* (based on undergraduate work)
- 2011, 2009    SRCD Student Travel Award
- 2010-2011    NIMH Ruth L. Kirschstein National Research Service Award for Individual Predoctoral Fellows (F31MH088015)
- 2010            College of the Liberal Arts RGSO Dissertation Award, Penn State University
- 2009            Doctoral Research Incentive Award, Penn State University
- 2008-2010    NIMH Predoctoral Training Fellowship: Early Childhood Mental Health (PI Cole, T32MH07032705)
- 2007-2012    The Faris Endowment Travel Award (one each year), Penn State University
- 2006-2007    The Pennsylvania State University Graduate Fellowship
- 2006            Psychology Faculty Prize for *summa cum laude* Senior Honors Thesis, Harvard University
- 2006            Certificate in Honors Track of Mind/Brain/Behavior, Harvard University
- 2005            Jerome Kagan Undergraduate Research Award, Harvard University

### **Presentations**

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- Costello, A., **Roben, C.**, Schein, S., Blake, F., & Dozier, M. (2017, November). *Using technology to facilitate fidelity monitoring in Attachment and Biobehavioral Catch-up*. Presented at the Association for Behavioral and Cognitive Therapies 51<sup>st</sup> Annual Conference, San Diego, CA.
- Kroupina, M., Dahl, C., Elison, K., McKechnie, A., **Roben, C.**, & Osterholm, E. (2018, February). *Relationship based intervention approach in the context of Neonatal Intensive Care: Developing a new model*. Paper to be presented at the Gravens Conference, Clearwater Beach, FL.

- Armstrong, L.M., Cole, P.M., **Roben, C.K.P.**, & Tan, P.Z. (2015, August). *The link between maternal emotion language and child emotion regulation*. Paper presented at the American Psychological Association Annual Convention, Toronto, Ontario.
- Carmody, K.A., **Roben, C.K.P.**, Murphy, R., Amaya-Jackson, L., Alvord, A., & Dozier, M. (2015, May). *Community-based dissemination of ABC: Successes and challenges of implementation and sustainability*. Paper presented at the Society for Prevention Research 23<sup>rd</sup> Annual Meeting, Washington, D.C.
- Bernard, K., Dozier, M., Lind, T., **Roben, C.K.P.**, & Allen, E. (2015, May). *Adapting the ABC intervention for children adopted internationally and toddlers in foster care*. Paper presented at the Society for Prevention Research 23<sup>rd</sup> Annual Meeting, Washington, D.C.
- Roben, C.K.P.** & Dozier, M. (2015, March). *The Attachment and Biobehavioral Catch-up: Effectiveness and next steps in dissemination*. Paper presented at the 2015 SRCD Biennial Meeting, Philadelphia, PA.
- Armstrong, L.M., Cole, P.M., & **Roben, C.K.P.** (2015, March). *Longitudinal relations among mother-child emotion talk and children's understanding of regulatory strategies for anger and sadness*. Paper presented at the 2015 SRCD Biennial Meeting, Philadelphia, PA.
- Fields, M., Cole, P.M., **Roben, C.K.P.**, & Maggi, M. (2015, March). *Toddler emotion expressions and their relation to father-toddler and mother-toddler conversation quality*. Paper presented at the 2015 SRCD Biennial Meeting, Philadelphia, PA.
- Dozier, M., **Roben, C.K.P.**, & Meade, E. (2015, March). *Disseminating an attachment-based treatment for high-risk parents in the community*. Paper presented at the 2015 SRCD Biennial Meeting, Philadelphia, PA.
- Roben, C.K.P.**, Moore, G.A., Cole, P., Molenaar, P., Leve, L.D., Shaw, D.S., Reiss, D., & Neiderhiser, J.M. (2013, April). *Transactional patterns of maternal depressive symptoms and mother-child interactions in adoptive families: The added value of observational second-by-second coding*. Paper presented at the 2013 SRCD Biennial Meeting, Seattle, WA.
- Armstrong, L.M., Cole, P.M., Masterson, M., **Roben, C.K.P.**, Tan, P.Z., & Klein, M.R. (2013, April). *Emotion talk, emotion regulation understanding, and strategy use in early childhood*. Paper presented at the 2013 SRCD Biennial Meeting, Seattle, WA.
- Pemberton, C.K.**, Neiderhiser, J.M., Leve, L.D., Natsuaki, M.N., Shaw, D.S., & Reiss, D. (2011, March). *Influence of parental depressive symptoms on adopted toddlers' behaviors: An emerging cascade of genetic and environmental effects*. Paper presented at the 2011 SRCD Biennial Meeting, Montreal, Canada.
- Horwitz, B., **Pemberton, C.K.**, Neiderhiser, J.M., Leve, L.D., Shaw, D.S., & Reiss, D. (2011, March). *Spouses' influence on partners' depressive symptoms via marital warmth: The moderating role of child fussiness*. Paper presented at the 2011 SRCD Biennial Meeting, Montreal, Canada.
- Pemberton, C.K.**, Armstrong, L.M., & Cole, P.M. (2009, March). *Preschool age understanding of anger regulation: Contributions of toddler age, linguistic ability, and parent-child Interactions*. Paper presented at the 2009 SRCD Biennial Meeting, Denver, CO.

Teti, L.O., Buss, K.A., Moore, G.A., **Pemberton, C.K.**, Tan, P.Z., Murray-Kolb, L.E., Cole, P.M., & Gilmore, R.O. (2009, March). *Locomotion onset and the infant's social world*. Paper presented at the 2009 SRCD Biennial Meeting, Denver, CO.

Cole, P.M., **Pemberton, C.K.**, Mejia, E., & Reitz, L. (2007, July). *What can children do to stop feeling so...?: Early understanding of emotion regulation strategies*. Presentation at the international and interdisciplinary conference on "The limits of intentionality", Konstanz, Germany.

## Invited Presentations

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- 2017 Center for Neurobehavioral Development, University of Minnesota. *Attachment and Biobehavioral Catch-up: Mechanisms of Change*.
- 2017 ZERO TO THREE Fellowship Class of 2016-2018 (Washington, DC). *Attachment and Biobehavioral Catch-up*.
- 2017 Bryn Mawr College School of Social Work, Attachment Theory lecture. *Attachment and Biobehavioral Catch-up*.
- 2015 United Methodist Health Ministry Fund (Kansas) quarterly meeting with early childhood social-emotional development grantees. *Parent and Child Interactions in Early Development*
- 2015 Safe Babies Tarrant County (Texas), Quality Parenting Initiative. *Developmentally-Critical Factors in the Child Welfare System*
- 2013 TeenSHARP Per Aspera Ad Astra Summer Bridge Program for underprivileged high school students (Camden, NJ): *Introduction to Psychology and Psychological Research*.
- 2013 University of Delaware Clinical Psychology Case Conference: *Attachment and Biobehavioral Catch-Up Intervention: Challenges in a training program for caregivers of young children who have experienced early adversity*.
- 2012 UNC School of Medicine Seminar for Psychiatry Residents (Chapel Hill, NC): *Attachment and Biobehavioral Catch-Up Intervention: Theory, practice, and effectiveness of a training program for caregivers of young children who have experienced early adversity*.
- 2012 Project Enlightenment Staff (Raleigh, NC): *Emotion Regulation*
- 2012 Lunch and Learn at Raleigh Child Development Services Agency (Raleigh, NC): *Parental Depression and Early Childhood Emotion Development*
- 2011 Project Enlightenment Parent-Teacher Consultants (Raleigh, NC): *Self-Regulation*

## Posters

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- Blake, F., Caron, E., **Roben, C.K.P.**, & Dozier, M. (2017, May). *Community-based effectiveness of the Attachment and Biobehavioral Catch-up (ABC) intervention*. Poster presented at the 2017 Society for Prevention Research Meeting, Baltimore, MD.
- Liu, C., Moore, G.A., Chow, S., **Roben, C.K.P.**, Leve, L.D., Shaw, D.S., Ganiban, J.M., Reiss, D., Natsuaki, M.N., & Neiderhiser, J.M. (2017, March). *Toddlers' response to arm restraint: Anger reactivity and regulation*. Poster presented at the 2017 SRCD Biennial Meeting, Austin, TX.

- Bray, B., Moore, G.A., Liu, C., **Roben, C.K.P.**, Leve, L.D., Shaw, D.S., Ganiban, J.M., Reiss, D., Natsuaki, M.N., & Neiderhiser, J.M. (2017, March). *Differences in father-child and mother-child dyadic regulation at 18 and 27 months*. Poster presented at the 2017 SRCD Biennial Meeting, Austin, TX.
- Meade, E.B., Mondock, C., **Roben, C.K.P.**, & Dozier, M. (2015, March). *Using screening interviews to predict therapist performance in the ABC intervention: Replication across time and samples*. Poster presented at the 2015 SRCD Biennial Meeting, Philadelphia, PA.
- Goldstein, A., Zajac, L., **Roben, C.K.P.**, & Dozier, M. (2015, March). *Parental report of child behavior and early parenting as predictors of externalizing behaviors in early childhood*. Poster presented at the 2015 SRCD Biennial Meeting, Philadelphia, PA.
- Lo, A., **Roben, C.K.P.**, Raby, L., Shauffer, C., & Dozier, M. (2015, March). *Caregiver commitment in foster care and group care*. Poster presented at the 2015 SRCD Biennial Meeting, Philadelphia, PA.
- Fields, M., Cole, P.M., **Roben, C.K.P.**, & LeDonne, E. (2014, July). *Do SES factors and toddler emotion expression predict mothers' and fathers' engagement in conversation with their 18-month-olds?* Poster presented at the 2014 International Conference on Infant Studies, Berlin, Germany.
- Meade, E., Blackwell, M., **Roben, C.K.P.**, & Dozier, M. (2013, April). *Using screening interviews to predict therapist performance in the Attachment and Biobehavioral Catch-up Intervention*. Poster presented at the 2013 SRCD Biennial Meeting, Seattle, WA.
- Roben, C.K.P.** & Cole, P.M. (2012, June). *How and when does language skill influence anger expression in toddlerhood?* Poster presented at the 2012 International Conference on Infant Studies, Minneapolis, MN.
- Pemberton, C.K.** & Cole, P.M. (2011, March). *From knowing to doing: ER strategy recognition predicts ER strategy use via verbal ability*. Poster presented at the 2011 SRCD Biennial Meeting, Montreal, Canada.
- Ledonne, E.N., Cole, P.M., Robinson, L.R., **Pemberton, C.K.**, Lindeke, L., & Hajal, N. (2011, March). *Moods of mothers: Self versus child emotion focus influences maternal coping with young children*. Poster presented at the 2011 SRCD Biennial Meeting, Montreal, Canada.
- Armstrong, L.M., Cole, P.M., & **Pemberton, C.K.** (2011, March) *Mother-toddler internal state discourse in relation to preschool age understanding of emotion regulation strategies*. Poster presented at the 2011 SRCD Biennial Meeting, Montreal, Canada.
- Pemberton, C.K.**, Cole, P.M., Armstrong, L.M., Crnic, K.A., & Blair, C.B. (2010, March). *Developmental relations among language skills, anger expression, and regulatory strategies in early childhood*. Poster presented at the 2010 International Conference on Infant Studies, Baltimore, MD.
- Lindeke, M.A.E., Cole, P.M., **Pemberton, C.K.**, Baker, J.K., & Armstrong, L.M. (2010, March). *Structuring: Parents socializing child self-regulation*. Poster presented at the 2010 International Conference on Infant Studies, Baltimore, MD.
- Hajal, N.J., Cole, P.M., Robinson, L.R., Ledonne, E.N., Lindeke, M.A.E., & **Pemberton, C.K.** (2010,

March). *Maternal positive emotions to daily events are related to maternal coping strategies*. Poster presented at the 2010 International Conference on Infant Studies, Baltimore, MD.

**Pemberton, C.K.**, Block, S.H., & Cole, P.M. (2009, May). *Early environmental contributions to children's later language development*. Poster presented at the 2009 Annual APS Convention, San Francisco, CA.

LeDonne, E.N., Cole, P.M., & **Pemberton, C.K.** (2009, May). *Children's emotions uniquely predict maternal emotions during a challenging wait*. Poster presented at the 2009 Annual APS Convention, San Francisco, CA.

**Pemberton, C.K.**, & Cole, P.M. (2008, March). *Do infant child characteristics predict emotion regulation strategy understanding at 36 months?* Poster presented at the XVth International Conference on Infant Studies, Vancouver, Canada.

Shutts, K., McKee, C., **Pemberton, C.**, & Spelke, E.S. (2005, October). *Young children's reasoning about race and gender as social categories*. Poster presented at the Fourth Biennial Meeting of the Cognitive Development Society, San Diego, CA.

## Clinical Experience

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2012 – **Attachment and Biobehavioral Catch-up**  
Present University of Delaware; Lead Trainer, Supervisor, and Interventionist

2011 – **Clinical Internship (Specializing in Early Childhood and Community);**  
2012 UNC School of Medicine

- *Primary Rotations:* Women's Mood Disorders, WakeMed Neonatology and Special Infant Care Clinic, Project Enlightenment (preschool consultation)
- *Additional Rotations:* Chapel Hill TEACCH Center (autism diagnosis with ADOS), Pediatric Consultation UNC Hospital, Raleigh Children's Development Services Agency, Adult Crisis Inpatient Unit, Crisis Emergency Services, Eating Disorders Unit

2006 - **The Pennsylvania State University Psychological Clinic**  
2011 Penn State University

- Outpatient therapy and assessment in community clinic serving children from preschool age through 18 years
- Peer supervisor for neuropsychological evaluation practicum
- Course and case specializations in anxiety, neuropsychological evaluation, school-based therapy, family-based therapy, group therapies (kindergarten groups, Strengthening Families Program)

## Teaching Experience

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2009- Teaching Assistant/Peer Supervisor for Child Assessment Practicum  
2010 (Professor: Pamela Cole, Ph.D.)

2008 Guest Lecturer on Abnormal Psychology for *Introduction to Psychology*  
(Instructor: Sarah Hall, Ph.D.)

2008 Guest Lecturer on Language and Emotion for *Developmental Psychology*  
(Instructor: Patricia Tan, Ph.D.)

2007 Guest Lecturer on Emotion Regulation for Psychology 490 *Emotional Development*  
(Professor: Kristin Buss, Ph.D.)

## ***Ad-hoc Manuscript Review***

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*Archives of General Psychiatry*  
*Australian Psychologist*  
*Child Development*  
*Child Development Perspectives*  
*Current Psychology*  
*Developmental Psychology*  
*Emotion*  
*Infant & Child Development*  
*Journal of Child Psychology and Psychiatry*  
*Journal of Family Studies*  
*Social Behavior and Personality*  
*Social Development*  
*Trauma, Violence, & Abuse*

## **Committee Experience**

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Graduate Dissertation Committee:  
2018 Alexis French (American University)

Undergraduate Thesis Committees:

2017

Jessica Downes  
Kadisha Mack

2016

Breanna Mesa  
Michael Sanders (mentor)  
Julianne Speck (co-mentor)  
Julia Tokar

2015

Diana Barsky  
Danielle Haggerty  
Jessica Velez

BRIDGE, a diversity action alliance group in the Penn State Psychology Department  
2007-2011

## **Membership in Professional Organizations**

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American Psychological Association  
• Division 53  
International Society on Infant Studies  
Society for Research in Child Development