
Daniel Berry, Ed.D.

Associate Professor
Institute of Child Development
University of Minnesota, Twin Cities

Address

University of Minnesota, Twin Cities
Institute of Child Development
51 East River Road
Minneapolis, MN 55455

Education

- Ed.D. Human Development & Psychology, Harvard University, 2010.
- Ed.M. Human Development & Psychology: Quantitative Methods for Developmental Research, Harvard University, 2009.
- B.A. Psychology, University of New Hampshire, *Summa Cum Laude*, 2000.

Research Interests

- Self-Regulation of Attention and Emotion in Childhood.
- Interplay of Experience, Stress Physiology, and Self-Regulation.
- Quantitative Methods for Longitudinal and Time-Series Data

Professional Experience

University of Minnesota, Twin Cities:

- Associate Professor, Institute of Child Development, 2019-present.
- Assistant Professor, Institute of Child Development, 2016-2019.

University of Illinois, Urbana-Champaign:

- Assistant Professor, Educational Psychology, 2012-2016.
- Assistant Professor, Beckman Institute for Advanced Science and Technology, 2012-2016.

New York University:

- Post-Doctoral Research Scientist, Neuroscience and Education Lab, 2010-2012. Mentor: Clancy Blair.

Harvard University:

- Doctoral Student, Human Development & Psychology, Harvard University, 2004 to 2010. Advisors: Kathleen McCartney & John Willett.
- Doctoral Research Assistant, Kathleen McCartney, 2004 to 2010.
- Genetics Protocol Coordinator, NICHD Study of Early Child Care & Youth Development, 2004 to 2010.
- Instructor, Psyc. 971: Contemporary Issues in Psychology: Intensive Cross-level Analyses (Content: *Mind, Biology, and Behavior of Social Cognition and Self-Regulation*), Spring 2009.
- Teaching Fellow, Applied Data Analysis, John Willett, Fall 2007.

- Teaching Fellow, Psyc.1901: Methods in Behavioral Research, Richard Gramzow, Spring 2007.
- Teaching Fellow, Introduction to Early Childhood Psychology, Karen Hussar & Maria Fusaro, Fall 2006.
- Teaching Fellow, Introduction to Quantitative Methods, Terrence Tivnan, Fall 2006.
- Teaching Fellow, Intermediate Statistics and Methods, Judith Singer, Spring 2006.

University of Massachusetts and The Ohio State University:

- Research Assistant (2005-2010); Gene-Environment Processes in Development, Kirby Deater-Deckard, (University of Massachusetts, Amherst), & Stephen Petrill (Ohio State University).

Social, Genetic, & Developmental Psychiatry Centre, King's College, London:

- Behavioural Genetics Summer School, 2007.

Zetetic Associates, West Sacramento, CA:

- Research Associate, 2007 to 2009.
 - Concentration: Statistical Methods/Design.

Child Trends, Washington, DC:

- Senior Research Assistant, 2002 to 2004.
 - Concentration: Poverty, Early Childhood Development, Education, and Policy.

American Institutes for Research, Washington, DC:

- Research Assistant, 2000 to 2002.
 - Concentration: Early Childhood Development, Education, and Policy.

University of New Hampshire:

- Research Assistant, Dr. Kathleen McCartney, 1998-2000.
 - Concentration: Early Socio-Emotional Development and Measurement Design.
- Research Assistant, Dr. John Kraft, 1998-1999.
 - Concentration: Social Psychology.

Other:

- Teaching Assistant, Dr. Eric Dearing, Introduction to Child Development, 1999 to 2000.
- Assistant Teacher, University of New Hampshire Child Study and Development Center, 1998-2000.

Honors

- Hardie Faculty Fellow, College of Education, University of Illinois, Urbana-Champaign, 2013.
- Acknowledgement of Teaching Excellence, University of Illinois, Urbana-Champaign, 2013.
- Spencer Foundation Dissertation Fellowship, 2009-2010.
- Harvard University Presidential Fellowship, 2004-2009.
- George W. Goethals Award for Teaching Excellence, Harvard Psychology Department, 2009.
- Harvard University Certificate of Distinction in Teaching (Psychology Dept), 2009.
- Harvard Graduate School of Education, 2009 Dean's Summer Research Fellowship.
- Harvard University Mind, Brain, & Behavior Graduate Student Research Award, 2008.
- Harvard University, Center on the Developing Child, 2007 Julius B. Richmond Fellowship.

- Harvard University Certificate of Distinction in Teaching (Psychology Dept.), 2007.
- Harvard Graduate School of Education, 2006 Dean's Summer Research Fellowship.
- Herbert A. Carroll Award for an Outstanding Psychology Major, University of New Hampshire, 2000.
- Phi Beta Kappa National Honor Society.
- Psi Chi National Psychology Honor Society.
- University of New Hampshire Presidential Scholar.

Professional Affiliations

- Editorial Board: *Psychological Bulletin*.
- Editorial Board: *Development and Psychopathology*.
- Editorial Board: *Journal of Applied Developmental Science*.
- Editorial Board (2017-2023): *Child Development*.
- Editorial Board (2017-2022): *Early Childhood Research Quarterly*.
- Member, Association for Psychological Science.
- Member, International Society for Developmental Psychobiology.
- Member, Society for Research in Child Development.
- Ad hoc Reviewer: *Child Development Perspectives*
- Ad hoc Reviewer: *Developmental Psychology*.
- Ad hoc Reviewer: *Development and Psychopathology*.
- Ad hoc Reviewer: *Developmental Psychobiology*.
- Ad hoc Reviewer: *Developmental Science*.
- Ad hoc Reviewer: *Early Education and Development*.
- Ad hoc Reviewer: *Frontiers in Developmental Psychology*.
- Ad hoc Reviewer: *Hormones and Behavior*.
- Ad hoc Reviewer: *Journal of Applied Developmental Psychology*.
- Ad hoc Reviewer: *Journal of Clinical Child and Adolescent Psychology*.
- Ad hoc Reviewer: *Journal of Marriage and Family*.
- Ad hoc Reviewer: *Journal of Experimental Child Psychology*.
- Ad hoc Reviewer: *Learning and Individual Differences*.
- Ad hoc Reviewer: *Mind, Brain, & Education*.
- Ad hoc Reviewer: *Multivariate Behavioral Research*.
- Ad hoc Reviewer: *PNAS*.
- Ad hoc Reviewer: *Physiology and Behavior*.
- Ad hoc Reviewer: *Psychoneuroendocrinology*.
- Ad hoc Reviewer: *Social Development*.

Grant Activity:

National Institute for Child Health and Human Development (NICHD): Environmental influences on Child Health Outcomes (ECHO).

Berry (sub-contract PI, \$520,000, over 5 years)

9/01/18 – 09/31/23

Early Life Stress and the Environmental Origins of Disease: A Population-Based Prospective Longitudinal Study of Children in Rural Poverty

National Institute for Child Health and Human Development (NICHD)

Berry (Co-I, \$3,974,640) Submitted: 6/15/21; Scored but not funded
The Role of Executive Function in Adolescent Mental Health in Response to the COVID-19
Pandemic

National Institute of Mental Health

Berry (Co-I, \$450,000) Submitted: 2/15/21; Scored but not funded
A Parenting Intervention for the Prevention of Adolescent Depression (R34)

National Institute for Child Health and Human Development (NICHD)

Berry (Co-I, \$1,643,000) Submitted: 3/15/20; Scored but not funded
Home-based Gaming Approaches for More Exercise in Preschool Children (R01)

National Science Foundation (NSF)

Berry (PI, \$585,000) Submitted: 9/15/19 Scored but not funded
Study of Complexity in Cognitive Control (So3C)

National Science Foundation, Interdisciplinary Behavioral and Social Science Research

Berry (Co-PI, \$250,000) 8/1/14 -1/31/18
Maternal Speech and Children's Physiological and Behavioral Regulation

UIUC ACES, Future Interdisciplinary Research Explorations (FIRE) Grant

(Co-PI, \$60,000) 10/1/16 –
9/30/18
*Maternal Speech Prosody and the Development of Young Children's Stress Regulation across
Brain, Body, and Behavior*

UIUC ACES, Future Interdisciplinary Research Explorations (FIRE) Grant

Berry (Co-PI, \$50,000) 10/28/13 – 10/28/15
*The Role of Maternal Prosody in Young Children's Physiological and Behavioral Regulation
Under Low- and High-Stress Conditions*

UIUC COE Hardie Faculty Fellow

Berry (PI, \$25,000) 6/15/13 – 6/14/14
Developing Measures of Implicit Teacher-Child Relationship Quality: A Pilot Study

National Institute for Child Health and Human Development (NICHD)

Berry (Co-I \$3,600,000) Scored but not funded
The Legacy of Early Caregiving: Adaptive Functioning in Young Adulthood (R01)

National Institute for Child Health and Human Development (NICHD)

Berry (Co-I \$445,000) Scored but not funded
*Role of Executive Functioning in Reading and Language Comprehension Growth of Students
from Spanish-speaking Homes (R03)*

Journal Articles (*Current or Former Student; ~Shared lead)

- 1) *Kim, S. **Berry, D.** Carlson, S.M. (in press). Should I stay or should I go? Children's persistence in the context of diminishing rewards. *Developmental Science*.
- 2) Willoughby, M. T., Gatzke-Kopp, L., Warkentien, S., Browne, E., & **Berry, D.** (in press). An introduction to inverse probability of weighting and marginal structural models: The impact of environmental tobacco exposure to Attention Deficit/Hyperactivity Disorder behaviors. *Developmental Psychology*.
- 3) *Stallworthy, I. C., Elison, J. T., & **Berry, D.** (in press). The infant parasympathetic nervous system is socially embedded and dynamic at multiple timescales, within and between people. *Developmental Psychology*.
- 4) Towe-Goodman, N., McArthur, K. L., Willoughby, M., Swingler, M. M., Wychgram, C., Just, A.C., Kloog, I., Bennett, D.H., **Berry, D.**, Hazlehurst, M. F., James, P., Jimenez, M. P., Lai, J., Leve, L.D., Gatzke-Kopp, L., Schweitzer, J. B., Bekelman, T.A., Calub, C., Carnell, S., Deoni, S., D'Sa, V., Kelly, C., Koinis-Mitchell, D., Petriello, M., Thapaliya, G., Wright, R. J., Zhang, X., Kress, A.M & Goodman, W. B. (2024). Green space and internalizing or externalizing symptoms among children. *JAMA Network Open*, 7(4), e245742-e245742.
- 5) *DeJoseph, M.L., *Leneman, K.L., *Palmer, A.P., *Padrutt, E., *Mayo., O., & **Berry, D.** (in press) Adrenocortical and autonomic cross-system regulation in youth: A meta-analysis. *Psychoneuroendocrinology*. Early view. <https://doi.org/10.1016/j.psyneuen.2023.106416>
- 6) *Padrutt, E. R., *DeJoseph, M. L., Wilson, S., Mills-Koonce, R., & **Berry, D.** (2023). Measurement invariance of maternal depressive symptoms across the first 2 years since birth and across racial group, education, income, primiparity, and age. *Psychological Assessment*, 35(8), 646–658.
- 7) *Palmer, A.R., Piescher, K.N., Blue, M., **Berry, D.**, & Masten, A.S. (2023). Emergency housing, transitional housing, child welfare and child school engagement. *Child Abuse and Neglect*. Early View. <https://doi.org/10.1016/j.chiabu.2023.106156>
- 8) Rey-Guerra, C., Zachrisson, H. D., Dearing, E., **Berry, D.**, Kuger, S., Burchinal, M. R., Naerde, A, van Huizen, & Cote, S.M. (2023). Do more hours in center-based care cause more externalizing problems? A cross-national replication study. *Child Development*, Early view. <https://doi.org/10.1111/cdev.13871>
- 9) Werchan, D. M., Ku, S., **Berry, D.**, & Blair, C. (2023). Sensitive caregiving and reward responsivity: A novel mechanism linking parenting and executive functions development in early childhood. *Developmental Science*, e13293.
- 10) *Stallworthy, I. C., **Berry, D.**, Davis, S., Wolff, J. J., Burrows, C. A., Swanson, M. R., ... & IBIS Network. (2022). Quantifying latent social motivation and its associations with joint attention and language in infants at high and low likelihood for autism spectrum disorder. *Developmental Science*, e13336.
- 11) *Stallworthy, I. C., Lasch, C., **Berry, D.**, Wolff, J. J., Pruett Jr, J. R., Marrus, N., ... & IBIS Network. (2022). Variability in responding to joint attention cues in the first year is associated with autism outcome. *Journal of the American Academy of Child & Adolescent Psychiatry*, 61(3), 413-422.
- 12) *DeJoseph, M. L., Herzberg, M. P., *Sifre, R. D., **Berry, D.**, & Thomas, K. M. (2022). Measurement matters: An individual differences examination of family socioeconomic factors, latent dimensions of children's experiences, and resting state functional brain connectivity in the ABCD sample. *Developmental Cognitive Neuroscience*, 53, 101043.
- 13) *Ravindran, N., McElwain, N. L., **Berry, D.**, & Kramer, L. (2022). Dynamic fluctuations in maternal cardiac vagal tone moderate moment-to-moment associations between children's negative behavior and maternal emotional support. *Developmental Psychology*, 58(2), 286–296.

- 14) *Hu, Y., McElwain, N. L., & **Berry, D.** (2021). Mother–child mutually responsive orientation and real-time physiological coordination. *Developmental Psychobiology*, 63(7), e22200.
- 15) *Sifre, R., **Berry, D.**, Wolff, J. J., & Elison, J. T. (2021). Longitudinal change in restricted and repetitive behaviors from 8-36 months. *Journal of Neurodevelopmental Disorders*, 13(1), 1-18.
- 16) *Palmer, A. R., Distefano, R., Leneman, K., & **Berry, D.** (2021). Reliability of the BodyGuard2 (FirstBeat) in the Detection of Heart Rate Variability. *Applied Psychophysiology and Biofeedback*, 1-8.
- 17) *DeJoseph, M. L., *Sifre, R. D., Raver, C. C., Blair, C. B., & **Berry, D.** (2021). Capturing environmental dimensions of adversity and resources in the context of poverty across infancy through early adolescence: A moderated nonlinear factor model. *Child Development*, e457-e475.
- 18) *Stallworthy, I. C., *Sifre, R., ~***Berry, D.**, *Lasch, C., Smith, T. J., & Elison, J. T. (2020). Infants' gaze exhibits a fractal structure that varies by age and stimulus salience. *Scientific Reports*, 10(1), 1-14.
- 19) **Berry, D.**, *Palmer, A. R., *Distefano, R., & Masten, A. S. (2019). Autonomic complexity and emotion (dys-) regulation in early childhood across high-and low-risk contexts. *Development and Psychopathology*, 31, 1173-1190.
- 20) *Chen, X., McElwain, N. L., **Berry, D.**, & *Emery, H. T. (2019). Within-person fluctuations in maternal sensitivity and child functioning: Moderation by child temperament. *Journal of Family Psychology*, 33(7), 857-867
- 21) *Serdiouk, M., **Berry, D.**, Wilson, T., & Gest, S. (2019). The role of teacher emotional support in children's cross-ethnic friendship preferences. *Journal of Applied Developmental Psychology*, 60, 35-46.
- 22) *Ravindran, N., **Berry, D.**, & McElwain, N. L. (2019). Dynamic bidirectional associations in negative behavior: Mother-toddler interaction during a snack delay. *Developmental Psychology*.
- 23) **Berry, D.**, Vernon-Feagans, L., Mills-Koonce, W. R., & Blair, C. (2018). Otitis media and respiratory sinus arrhythmia across infancy and early childhood: Polyvagal processes?. *Developmental Psychology*, 54(9), 1709-1722.
- 24) *Merrin, G., *Davis, J., **Berry, D.**, & Espelage, D. (2018). Developmental changes in problem behavior from early to late adolescence: Associations with parental monitoring and peer deviance. *Psychology of Violence*, 9 (2), 196-208.
- 25) *Ravindran, N., **Berry, D.**, McElwain, N. & Kramer, L. (2018). Mothers' dispositional distress reactivity as a predictor of maternal support following momentary fluctuations in children's aversive behavior. *Developmental Psychology*, 54, 209-219.
- 26) *Davis, J., **Berry, D.**, Dumas, T., Ritter, E., Smith, D.C., Menard, C., & Roberts, B. (2018) Substance use outcomes for mindfulness-based relapse prevention are partially mediated by reductions in stress: Results from a randomized trial. (2018). *Journal of Substance Abuse Treatment*, 91, 37-48.
- 27) **Berry, D.**, & Willoughby, M. T. (2017). On the practical interpretability of cross-lagged panel models: Rethinking a developmental workhorse. *Child Development*, 88(4), 1186-1206.
- 28) **Berry, D.**, Blair, C., Willoughby, M., Granger, D. A., Mills-Koonce, W. R., & Family Life Project Key Investigators. (2017). Maternal sensitivity and adrenocortical functioning across infancy and toddlerhood: Physiological adaptation to context? *Development and Psychopathology*, 29(1), 303-317.

- 29) Blair, C., **Berry, D.**, & FLP Investigators. (2017). Moderate within-person variability in cortisol is related to executive function in early childhood. *Psychoneuroendocrinology*, *81*, 88-95.
- 30) Sugimura, N., **Berry, D.**, Troop-Gordon, W., & Rudolph, K. D. (2017). Early social behaviors and the trajectory of peer victimization across the school years. *Developmental Psychology*, *53*(8), 1447.
- 31) **Berry, D.**, Blair, C., Willoughby, M., Garrett-Peters, P., Vernon-Feagans, L., Mills-Koonce, W. R., & Family Life Project Key Investigators. (2016). Household chaos and children's cognitive and socio-emotional development in early childhood: Does childcare play a buffering role? *Early Childhood Research Quarterly*, *34*, 115-127.
- 32) **Berry, D.** Blair, C., Willoughby, M., Granger, D.A. & the Family Life Project Key Investigators (2016). Childcare and cortisol across infancy and toddlerhood: Poverty, peers, and developmental timing. *Family Relations*. *65*(1), 51-72.
- 33) *Merrin, G., *Davis, J.P., **Berry, D.**, D'Amico, E.J., & Duman, T. (2016). Longitudinal associations between substance use, criminal behavior, and environmental risk among emerging adults: A longitudinal within- and between-person latent variables analysis. *Drug and Alcohol Addiction*. Advance online publication. doi: <http://dx.doi.org/10.1016/j.drugalcdep.2016.05.009>
- 34) *Davis, J., *Merrin, G., **Berry, D.**, Dumas, T., Hong, J.S., & Smith, D.C. (2016). Examining within-person and between-person effects of victimization and social risk on cannabis use among emerging adults in substance-use treatment. *Psychology of Addictive Behaviors*, *30*, 52-63.
- 35) *Serdiouk, M., **Berry, D.**, & Gest, S. D. (2016). Teacher-child relationships and friendships and peer victimization across the school year. *Journal of Applied Developmental Psychology*, *46*, 63-72.
- 36) Sulik, M., Blair, C., **Berry, D.**, Greenberg, M., & The Family Life Project Key Investigators (2015). Early parenting and the development of externalizing symptoms: Longitudinal mediation through children's executive function. *Child Development*, *86*(5), 1588-1603.
- 37) **Berry, D.**, Blair, C., Ursache, A., Willoughby, M. T., & Granger, D. A. (2014). Early childcare, executive functioning, and the moderating role of early stress physiology. *Developmental Psychology*, *50*, 1250 -1261.
- 38) **Berry, D.**, Blair, C., Ursache, A., Willoughby, M., Garrett-Peters, P., Vernon-Feagans, L., ... (2014). Child care and cortisol across early childhood: Context matters. *Developmental Psychology*, *50*, 514-525.
- 39) **Berry, D.**, McCartney, K., Petrill, S., Deater-Deckard, K., & Blair, C. (2014). Gene-environment interaction between DRD4 7-repeat VNTR and early child-care experiences predicts self-regulation abilities in prekindergarten. *Developmental Psychobiology*, *56*(3), 373-391.
- 40) Blair, C., Raver, C.C., **Berry, D.** & the Family Life Project Key Investigators (2014). Two approaches to estimating the effect of parenting on the development of executive function in early childhood. *Developmental Psychology*, *50*, 554-565.
- 41) Belsky, J., Fraley, C., Pluess, M., Newman, D.A., Widaman, K. F., Helm, J. L., Rodkin, P., **Berry, D.** & Roisman, G. I. (2014). Differential susceptibility to effects of maternal sensitivity? A study of candidate plasticity genes. *Development and Psychopathology*, *27*(3), 725-746.
- 42) **Berry, D.**, Deater-Deckard, K., McCartney, K., Wang, Z., & Petrill, S. A. (2013). Gene-environment interaction between dopamine receptor D4 7-repeat polymorphism and early

maternal sensitivity predicts inattention trajectories across middle childhood. *Development and Psychopathology*, 25, 291-306.

- 43) Blair, C., **Berry, D.**, Mills-Koonce, R., & Granger, D. (2013). Cumulative effects of early poverty on cortisol in young children: Moderation by autonomic nervous system activity. *Psychoneuroendocrinology*, 38, 2666-2675.
- 44) Kieffer, M. J., Vukovic, R. K., & **Berry, D.** (2013). Roles of attention shifting and inhibitory control in fourth-grade reading comprehension. *Reading Research Quarterly*, 48, 333-348.
- 45) **Berry, D.**, Blair, C., Willoughby, M., Granger, D., & The Family Life Project Key Investigators (2012). Resting salivary alpha-amylase and cortisol in infancy and toddlerhood: Direct and indirect relations with executive functioning in early childhood and academic ability in pre-kindergarten. *Psychoneuroendocrinology*, 37, 1700-1711.
- 46) **Berry, D.** (2012). Inhibitory control and teacher-child conflict: Reciprocal associations across the elementary-school years. *Journal of Applied Developmental Psychology*, 33(1), 66-76
- 47) **Berry, D.** & O'Connor, E. (2010). Behavioral risk, teacher-child relationships, and social skill development across middle childhood: A child-by-environment analysis of change. *Journal of Applied Developmental Psychology*, 31, 1-14.
- 48) McCartney, K. & **Berry, D.** (2005). Commentary: Gene-environment processes in task persistence. *Trends in Cognitive Science*, 9, 407-408.

Journal Articles Under Review/Revision

- *Palmer, A., *Stallworthy, I.C., *DeJoseph, M.L., Masten, A.S., & **Berry, D.** (resubmitted). Measurement invariance of the Strengths and Difficulties Questionnaire in a sample of rural poverty across early childhood.
- *Stallworthy, I.C, *DeJoseph, M.L., *Padrutt, E., Greifer, N., & **Berry, D.** (in prep; preprint upon request). Investigating causal questions in human development using Marginal Structural Models: A tutorial introduction to the *devMSMs* Package in R

Manuscripts in Preparation

- **Berry, D.**, Gatzke-Kopp, L., Willoughby, M., & Blair, C. (in prep, preprint upon request). A modest cigarette-tax increase and childcare attendance mitigate nicotine exposure in young children.
- **Berry, D.**, Schaefer, J. & Wilson, S. (in prep). GIRI-CLPM: A genetically informative cross-lagged panel model for family data.
- *DeJoseph, M.L., *Stallworthy, I.C, Finegood, E.D., Raver, C.C., Blair, C.B., & **Berry, D.** (in prep; preprint upon request). Chronicity, dose, and timing of poverty-related exposures on child stress responsivity: A causal inference approach for examining biological embedding of experience.
- *Stallworthy, I.C, *DeJoseph, M.L., Blair, C.B., & **Berry, D.** (in prep; preprint upon request). A causally informed approach to examining the effects of dimension, dosage, and timing of SES adversity on parent-child interactions across the first years of life.
- *Stallworthy, I.C., *DeJoseph, M.L., van den Heuvel, M., Frankenhuis, W., & **Berry, D.** (in preparation). Leveraging frameworks to guide developmental science.

Book Chapters

- 1) *Leneman, K.B., & **Berry, D.** (2022). Physiological measures of stress reactivity. In S.M. Jones, N. Lesaux, S.P. Barnes (Eds.), *Measuring and Assessing Non-Cognitive Skills to Improve Teaching and Learning*.
- 2) **Berry, D.** (2017). Early childhood health disparities, biological embedding, and life-course health. In E. Dearing and E. Votruba-Drzal (Eds.). *The handbook of early childhood development programs, practices, and policies*. Hoboken, NJ: Wiley.
- 3) Blair, C., **Berry, D.**, & Friedman, A.H. (2012). The development of self-regulation in infancy and early childhood: An organizing framework for the design and evaluation of early care and education programs for children in poverty. In S.L. Odom, E. Pungello, N. Gardner-Neblett (Eds.), *Re-visioning the beginning: The implications of developmental and health science for infant/toddler care and poverty*. Guilford Press.
- 4) McCartney, K. & **Berry, D.** (2009). Whether the environment matters more for children in poverty. In K. McCartney & R. Weinberg (Eds.), *Experience and development: A festschrift for Sandra Scarr* (pp. 99-124). London: Taylor and Francis.
- 5) Dearing, E., **Berry, D.** & Zaslow, M. (2006). Poverty during early childhood. In K. McCartney & D. Phillips (Eds.), *Blackwell handbook of early childhood development* (pp. 399-423). Boston, MA: Blackwell.
- 6) Tout, K., Zaslow, M., & **Berry, D.** (2006). What is known about the linkages between education and training and the quality of early childhood care and education environments? In M. J. Zaslow & I. Martinez-Beck (Eds.) *Critical Issues in Early Childhood Professional Development*. Baltimore, MD: Brookes.

Policy Reports

- 1) Zaslow, M. J., Halle, T., Guzman, L., Lavelle, B., Dombrowski, J., **Berry, D.**, & Dent, A. (2006). *Review and synthesis of selected research reports submitted to the Child Care Bureau, U.S. Department of Health and Human Services*. Washington, DC. U.S. Child Care Bureau.
- 2) Brown, B., Bzostek, S., Aufseeser, D., **Berry, D.**, Weitzman, M., Kavanaugh, M., Bagley, S., & Auinger, P. (2004). *Early Childhood Development in Social Context: A Chartbook*. New York: The Commonwealth Fund.
- 3) Bridges, L. J. **Berry, D.**, Calkins, J., Margie, N.G., Cochran, S., Ling, T., & Zaslow, M. J. (2003). *Early Childhood Measures Profiles*, Washington, DC: Child Trends.
- 4) Halle, T., Calkins, J., **Berry, D.**, & Johnson, R. (2003). *Research on promoting language and literacy development in early childhood care and education settings: A research brief*. Washington, DC: Child Care Research and Collaboration Archive.
- 5) First 5 Statewide Evaluation Team. (2002). *Child, family, & community indicators book*. Sacramento, CA: The California Children and Families Commission.

Presentations

- 1) **Berry, D.** (2023). It's complex: Embracing dynamic complexity in children's self-regulation development. Invited speaker, Developmental Psychology Colloquium, Teacher's College, Columbia University.
- 2) *Stallworthy, I.C., & **Berry, D.** (2023). Building theory from more general frameworks to advance our knowledge of social-cognitive development. Oral presentation at the Annual Meeting of the International Society for Developmental Psychobiology, Utrecht Netherlands.
- 3) *Powell, T., & **Berry, D.** (2023). Using machine learning to advance our understanding of psychopathology as a developmental tradeoff in the context of poverty. Oral presentation at the Annual Meeting of the International Society for Developmental Psychobiology, Utrecht Netherlands.

- 4) *Stallworthy, I.C., Elison, J.T., & **Berry, D.** (2023). Coupled oscillator models reveal novel self- and co-regulatory parasympathetic dynamics in infancy. Oral Presentation for the symposium Novel approaches to examining learning and self-regulation development across context and levels of analysis. Stallworthy, I.C. & DeJoseph, M. (Chairs). Society for Research in Child Development (SRCD): Salt Lake City, Utah.
- 5) *DeJoseph, M.L., Thomas, K.M, Frankenhuus, W.E, & **Berry, D.** (2023). The role of socioemotional context on cognitive and psychophysiological mechanisms of learning in early adolescence. In M. DeJoseph & I. Stallworthy (co-chairs) “Novel approaches to examining learning and self-regulation development across context and levels of analysis.” Society for Research in Child Development, Salt Lake City, UT.
- 6) *Harwell, M.G., *DeJoseph, M.L., Kuplic, S., Frankenhuus, W.E., & **Berry, D.** (2023). Qualitative analysis of youth’s perception of their worlds: Identifying challenges and sources of support. Society for Research in Child Development, Salt Lake City, UT.
- 7) *Spaeth, A.M., *DeCastro, C.J, *DeJoseph, M.L., Frankenhuus, W.E., & **Berry, D.** (2023). Associations between environmental unpredictability and cognitive learning processes in early adolescence. Society for Research in Child Development, Salt Lake City, UT.
- 8) *Padrutt, E.R., *Stallworthy, I.C., *DeJoseph, M.L., Wilson, S., & **Berry, D.** (2023). Chronicity and timing of postnatal depression and parenting sensitivity: A causally informed approach. In E. Padrutt (chair) “Novel methodological approaches for advancing study of the intergenerational transmission of depression.” Society for Research in Child Development, Salt Lake City, UT.
- 9) **Berry, D.** (2023). Some thoughts on genetically informative cross-lagged panel models (...or partitioning variation to win friends and influence people). Invited speaker Genes, Brains, & Behavior Meeting, University of Minnesota.
- 10) **Berry, D.** (2022). Revisiting the dynamic core of EF and self-regulation: A Festschrift for Clancy Blair. Invited speaker:Clancy Blair’s Festschrift Celebration. New York, NY.
- 11) *DeJoseph, M.L., Thomas, K.M., & **Berry, D.** (2022). Contextual influences and cognitive mechanisms of learning in early adolescence. Flux International Congress on Developmental Cognitive Neuroscience, Paris, France.
- 12) *Stallworthy, I.C., Elison, J.T., & **Berry, D.** (September 2022). Moment-by-moment biobehavioral flexibility in infancy: Stability & change across social context. Poster Presentation at Flux Society: Paris, France.
- 13) *Padrutt, E., *DeJoseph, M.L., Wilson, S., & **Berry, D.** (2022). Longitudinal measurement invariance of caregiver depressive symptoms across the postpartum period and across race, education, income, and state. International Congress of Infant Studies. Ottawa, Canada.
- 14) *Stallworthy, I.C., Elison, J.T., & **Berry, D.** (July 2022). Moment-by-moment mother-infant parasympathetic synchrony at multiple timescales & across context for a symposium in de Barbaro, K. & Abney, D. (Chairs). Oral Presentation for the Real-time dynamics of infant physiological regulation Symposium. International Congress for Infancy Studies (ICIS): Ottawa, Canada.
- 15) *DeJoseph, M.L., *Leneman, K.L., *Palmer, A.P., *Padrutt, E., *Mayo., O. & **Berry, D.** (2022) Adrenocortical and autonomic cross-system regulation in youth: A meta-analysis. International Society for Developmental Psychobiology, San Diego, CA.
- 16) *Smalley, S. & *Stallworthy, I.C., Elison, J.T., & **Berry, D.** (November 2022). Mother-infant physiological synchrony during moments of infant negative affect varies as a function of context. Poster Presentation at the International Society for Developmental Psychobiology (ISDP): San Diego, CA.

- 17) *Mayo, O., *DeJoseph, M.L., Anaya, V., & **Berry, D.** (2022). Discrimination, economic strain, and fluctuations in perceived stress in low-income Black women. Society for Research in Child Development Special Topic Meeting Construction of the 'Other': Development, Consequences, and Applied Implications of Racism, Prejudice, and Discrimination. Rio Grande, Puerto Rico, USA.
- 18) *Padrutt, E., *DeJoseph, M.L., Wilson, S., & **Berry, D.** (2022). Parental leave in a low-income sample: Predictors of use and associations with caregiver and infant outcomes.
- 19) **Berry, D.**, Gatzke-Kopp, L., Willoughby, M.T., & Blair, C. (April, 2021). *A modest tobacco tax and child-care attendance mitigate nicotine exposure in young children.* Symposium presentation at the Society for Research in Child Development Meeting, Virtual.
- 20) Rey-Guerra, C., Zachrisson, H.D., Dearing, E., **Berry, D.**, Kruger, S., Burchinal, M., Naerde, A., van Huizen, T., & Côté, S. (April, 2021). *Does child care quantity cause externalizing problems?: An international comparison using seven longitudinal studies.* Symposium presentation at the Society for Research in Child Development Meeting, Virtual.
- 21) *DeJoseph, M., *Stallworthy, I., Finegood, E., Raver, C., Blair, C., & **Berry, D.** (April, 2021). *Chronicity and timing of poverty-related exposures on child stress responsivity: A causal inference approach for examining biological embedding of experience.* Symposium presentation at the Society for Research in Child Development Meeting, Virtual.
- 22) *DeJoseph, M., *Sifre, R., Raver, C., Blair, C., & **Berry, D.** (April, 2021). *Capturing environmental dimensions of adversity and resources in the context of poverty: A moderated nonlinear factor model.* Poster presentation at the Society for Research in Child Development Meeting, Virtual.
- 23) *Stallworthy, I., *DeJoseph, M., Blair, C., & **Berry, D.** (April, 2021). *A causally informed approach to examining the effects of dimension, dosage, and timing of SES adversity on parent-child interactions across the first years of life.* Poster presentation at the Society for Research in Child Development Meeting, Virtual.
- 24) *Palmer, A., *Leneman, K., *DeJoseph, M., *Sifre, R., Blair, C., & **Berry, D.** (April, 2021). *An MNLFA approach to measurement invariance of the Strengths and Difficulties Questionnaire.* Poster presentation at the Society for Research in Child Development Meeting, Virtual.
- 25) *Mayo, O., *Leneman, K., *DeJoseph, M., Blair, C., & **Berry, D.** (April, 2021). *The moderating role of classroom racial composition on the association between income and child adjustment outcomes.* Poster presentation at the Society for Research in Child Development Meeting, Virtual.
- 26) *Ibrahim, S., *DeJoseph, M., Blair, C., & **Berry, D.** (April, 2021). *Associations between poverty and attention processes in early adolescence: Adaptation to context.* Poster presentation at the Society for Research in Child Development Meeting, Virtual.
- 27) **Berry, D.** (March, 2019). *Using marginal structural models to improve causal inference with time-varying treatments.* Symposium presentation at the Society for Research in Child Development Meeting, Baltimore, MD.
- 28) **Berry, D.**, *Leneman, K.B., & *Palmer, A. (March, 2019). *Acute experiential stress and higher-order cognition: Enemy or adaptive organizer?* Symposium presentation at the Society for Research in Child Development Meeting, Baltimore, MD.
- 29) *Palmer, A. R., DePasquale, C., Foster, R., Masten, A., & **Berry, D.** (March, 2019). *Parenting, parent characteristics, risk and parent parasympathetic regulation in families experiencing homelessness.* Poster presentation at the Society for Research in Child Development Meeting, Baltimore, MD.
- 30) *Palmer, A. R., **Berry, D.**, *Stallworthy, I., & Masten, A. (March, 2019). *Dyadic synchrony among preschool aged children and their parents currently experiencing homelessness.*

Symposium presentation at the Society for Research in Child Development Meeting, Baltimore, MD.

- 31) McElwain, N., **Berry, D.**, Cole, J. & Ravindran, N. (March, 2019). *Fluctuations in maternal speech prosody and preschool-aged children's behavioral and physiological regulation during a challenge*. Symposium presentation at the Society for Research in Child Development Meeting, Baltimore, MD.
- 32) **Berry, D.** & *Stallworthy, I. (October, 2018). *Complex heart, complex mind: The fractal nature of HRV in cognitive control*. Poster presented at the International Society for Developmental Psychobiology Annual Meeting, San Diego, CA
- 33) *Leneman, K.B., *Distefano, R., *Palmer, A., *Grenell, A., **Berry, D.** (October, 2018). *Recovery matters: Investigating the full physiological response profile in relation to markers of psychopathology*. Poster presented at the International Society for Developmental Psychobiology Meeting, San Diego, CA.
- 34) *Leneman, K.B., *Varhol, A., *Palmer, A., **Berry, D.** (October, 2018). *Suspenders: A methodological contribution to collecting quality impedance data in children*. Poster accepted to the Society for Psychophysiological Research Annual Meeting, Quebec City, Canada.
- 35) *Palmer, A., *Distefano, R., *Leneman, K., *Grenell, A., Masten, A., & **Berry, D.** (November, 2018). *The effects of sociodemographic risk, adversity and homelessness on Respiratory Sinus Arrhythmia*. Poster presented at the Society for Psychophysiological Research Annual Meeting, Quebec, Canada.
- 36) *Palmer, A., *Leneman, K., & **Berry, D.** (October, 2018). *Validation of using FIRSTBEAT BODYGUARD2 to collect interbeat interval data with preschool-aged children*. Poster presented at the Society for Psychophysiological Research Annual Meeting, Quebec, Canada.
- 37) *Palmer, A., *Distefano, R., *Leneman, K., *Grenell, A., Masten, A.S., & **Berry, D.** (submitted). *Individual differences in autonomic coordination in between parents and children facing homelessness*. Symposium presentation submitted to the Society for Research in Child Development Meeting, Baltimore, MD.
- 38) *Stallworthy, I., *Sifre, R., *Lasch, C., Elison, J., Smith, T., & **Berry, D.** (March, 2019; submitted). *Fractal complexity of visual engagement for infants watching naturalistic social stimuli*. Poster Presentation at the Society for Research in Child Development: Baltimore, MD.
- 39) *Ravindran, N., **Berry, D.**, & McElwain, N. *Moment-to-moment bidirectional associations between maternal support and child dysregulation in a challenging situation* (May, 2016). Presented at the 2016 International Conference on Infant Studies, New Orleans, LA.
- 40) **Berry, D.** McElwain, N., Cole, J., *Bulkes, N., *Mahrt, T., & *Emery, H. (May, 2015). *Inside the 'Black Box' of maternal sensitivity: Micro-developmental links between maternal speech prosody and child affect*. Presented at the Association for Psychological Science Annual Convention, New York, NY.
- 41) Cole, J., **Berry, D.** McElwain, N., *Bulkes, N., *Mahrt, T., & *Emery, H. (June, 2015). *Linking pitch prosody and affective behavior in mother-child interaction*. Presented at the Workshop on Prosodic Development, Phonetics and Phonology in Europe (PaPE) 2015, Cambridge, UK.
- 42) **Berry, D.**, Blair, C., Vernon-Feagans, E., Willoughby, M & Granger, D. (March, 2015). *Household chaos and child physiology across infancy and toddlerhood: A child-fixed effect approach*. Presented at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
- 43) *Serdiouk, M., **Berry, D.**, & Gest, S. (March, 2015). *Peer victimization trajectories across the school year: The role of teacher-child relationships and friendships*. Presented at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.

- 44) *Logis, H., Gest, S. & **Berry, D.** (March, 2015). *The aggression-popularity association among elementary school children: Effects of between-person and within-person aggression*. Presented at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
- 45) *Logis, H., Gest, S. & **Berry, D.** (March, 2015). Same- and cross-ethnic bullying among elementary school children. Presented at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
- 46) *Merrin, J., **Berry, D.**, & Espelage, D. (March, 2015). *The effects of parental monitoring and peer deviance on developmental changes in delinquency from early to late adolescence*. Presented at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
- 47) *Sugimura, N., **Berry, D.**, Troop-Gordon, W., & Rudolph, K. (March, 2015). *Independent and unique contributions of social behavior to victimization across the school years*. Presented at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
- 48) Sulik, M., Blair, C., Mills-Koonce, **Berry, D.**, & Greenberg, M. (March, 2015) *Early parenting and the development of externalizing symptoms: Longitudinal mediation through children's executive function*. Presented at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
- 49) Kieffer, M., Logan, K., & My research focuses on clarifying the processes—mind, brain and environment—through which children's experiences with their parents, teachers and peers shape their abilities to control their impulses, purposely maintain and shift their attention, and hold and manipulate information in mind. Broadly, this set of inter-related skills is referred to as "self-regulation."
- 50) A good deal of research indicates that these skills play a critical role in the way children understand and get along with others, as well as how they learn at home and school. In my lab, we are particularly interested in clarifying the experiential and physiological mechanisms through which these processes emerge.
- 51) . (July, 2014). *Roles of executive functioning in reading comprehension in Spanish-English bilinguals in sixth grade*. Presented at **Twenty-First Annual Meeting Society for the Scientific Study of Reading, Santa Fe, NM**.
- 52) **Berry, D.**, Blair, C., Ursache, A., Willoughby, M., Granger, D. A., Garrett-Peters, P. Mills-Koonce, R., Vernon-Feagans, L., & Bratsch-Hines, M. (April, 2013). *Child care and cortisol across early childhood: Context matters*. Presented at Society for Research in Child Development Biennial Meeting, Seattle WA.
- 53) **Berry, D.** Blair, C., Willoughby, M., Garrett-Peters, P., Vernon-Feagans L. & the Family Life Project Key Investigators (April, 2013). *Household chaos and children's cognitive and socio-emotional development in early childhood: Does child care play a buffering role?* Presented at Society for Research in Child Development Biennial Meeting, Seattle WA.
- 54) **Berry, D.** Blair, C., Ursache, A., Willoughby, M., Granger, D.A. & the Family Life Project Key Investigators (October, 2012). *Early child care, executive functioning, and the moderating role of early stress physiology*. Presented International Society for Development Psychobiology Annual Meeting, Washington, DC.
- 55) **Berry, D.**, Blair, C., Willoughby, M., Granger, D., & The Family Life Project Key Investigators. (November, 2011). *Resting salivary alpha-amylase and cortisol in infancy and toddlerhood: Direct and indirect relations with executive functioning and academic ability*. Presented International Society for Development Psychobiology Annual Meeting, Washington, DC.
- 56) **Berry, D.**, Deater-Deckard, McCartney, K., Wang, Z., & Petrill, S. (March, 2011). *Gene-Environment Interaction Between DRD4 7-Repeat Polymorphism and Early Maternal Sensitivity Predicts Inattention Trajectories Across Middle Childhood*. Poster session presented

at the Biennial Conference of the Society for Research in Child Development, Montreal, Quebec, CA.

- 57) **Berry, D.**, Deater-Deckard, & McCartney, K. (2010, September). *DRD4 7-repeat moderates the association between teacher–child conflict and children’s inattention trajectories through middle childhood*. Presentation given at the International Institute on Developmental Science, New York, NY.
- 58) **Berry, D.** & Willett, J. B. (2009, April). *Pre-kindergarten attention problems, teacher-child conflict, and achievement in late elementary school: A child-by-environment mediational growth model*. Poster session presented at the Biennial Conference of the Society for Research in Child Development Denver, CO.
- 59) **Berry, D.** (2008, March). *Nurturing nature: Gene-environment processes underlying attention and reading development*. Invited speaker at the Center on the Developing Child, Harvard University.
- 60) McCartney, K. & **Berry, D.** (2007, May). *Whether environments matter more for children in poverty*. Invited speaker, Festschrift for Sandra Scarr at the Annual Conference of the Association of Psychological Science, Washington, DC.
- 61) **Berry, D.** (2007, March). *Nurture and that other thing: The implications of genetically-informative methods for development and education research*. Invited panel discussant at the Harvard Graduate School of Education talk, Beyond Appian Way: Innovative methods and technologies in education and development research.
- 62) **Berry, D.**, Willett, J. B., & Rappolt-Schlichtmann, G. (2007, April). *Early behavior problems, teacher-child relationships, and children’s social skill growth across early and middle childhood*. Poster session presented at the Biennial Conference of the Society for Research in Child Development, Boston, MA.
- 63) **Berry, D.** & McCartney, K. (2007, April). *Fueling the fire? Peer adversity as a moderator between behavior problems and social skill growth across middle childhood*. Poster session presented at the Biennial Conference of the Society for Research in Child Development, Boston, MA.
- 64) **Berry, D.** (2006, February). *From evolution to education: An aside from a behavioral genetic perspective*. Panel discussant at the Harvard University Graduate School of Education Student Research Conference and International Forum, Cambridge, MA.
- 65) **Berry, D.** (2005, April). *Attachment, sensitivity, and child outcomes: Revisiting the transactional roots of attachment and experience in development*. Poster session presented at the Biennial Conference of the Society for Research in Child Development, Atlanta, GA.
- 66) McCartney, K., Bub, K., Caronongan, P., **Berry, D.**, Dearing, E., & Taylor, B. (2005, April) *Using survival analysis to predict poverty status over time in the NICHD Study of Early Child Care and Youth Development dataset*. Poster session presented at the Biennial Conference of the Society for Research in Child Development, Atlanta, GA.
- 67) Tout, K., **Berry, D.**, & Zaslow, M. J. (2003, February). *Professional development/training and the quality of early care and education environments*. Development of a research agenda: Early Childhood Professional Development/Training and Children’s Successful Transition to Elementary School. Washington, DC: Science and Ecology of Early Development Initiative.
- 68) Bridges, L. J., **Berry, D.**, & Zaslow, M. J. (2002, November). *A summary of checklist measures of socio-emotional development*. New Directions in Young Children's Socio-Emotional Measures. Washington, DC: NICHD, NIMH, Science and Ecology of Early Development Initiative.