

Elisabeth Conradt, Ph.D.

CURRICULUM VITAE

Personal Data

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Academic Positions

2020-present	Associate Professor, Developmental Psychology University of Utah Department of Psychology
	Adjunct Associate Professor of Pediatrics Adjunct Associate Professor of OB/GYN University of Utah School of Medicine
2014 - 2020	Assistant Professor, Developmental Psychology University of Utah Department of Psychology

Education

1999-2003	B.A.	University of North Carolina, Chapel Hill (Psychology)
2005-2007	M.A.	University of Oregon (Psychology)
2005-2011	Ph.D.	University of Oregon (Psychology)

Predoctoral Training

2010-2011	Internship	Children's Hospital of Philadelphia (Early Childhood Track) Leadership Education in Neurodevelopmental and Related Disabilities Fellow
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Postdoctoral Training

2011-2014	Postdoctoral Researcher	Brown Center for the Study of Children at Risk, Brown University
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Bibliography

Peer-Reviewed Manuscripts

1. **Conradt, E.**, & Ablow, J.C. (2010). Infant physiological response to the still face paradigm: Contributions of maternal sensitivity and infants' early regulatory behavior. *Infant Behavior and Development*, 33, 251-265.
2. Lester, B., Marsit, C., **Conradt, E.**, Bromer, C., & Padbury, J. (2012). Behavioral epigenetics and the developmental origins of child mental health disorders. *Journal of Developmental Origins of Health and Disease*, 3, 395-408.

3. **Conradt, E.**, Manian, N., & Bornstein, M.H. (2012). Screening for depression in the postpartum using the Beck Depression Inventory-II: What logistic regression reveals. *Journal of Reproductive and Infant Psychology*, *30*, 427-435.
4. **Conradt, E.**, Ablow, J.C., & Measelle, J. (2013). Poverty, problem behavior and promise: Differential susceptibility among infants reared in poverty. *Psychological Science*, *24*, 235-242.
5. Lester, B. **Conradt, E.**, & Marsit, C. (2013). Epigenetic basis for the development of depression in children. *Clinical Obstetrics & Gynecology*, *56*, 556-565.
6. **Conradt, E.**, Sheinkopf, S., Lester, B., Tronick, E., LaGasse, L.L., Shankaran, S., Bada, H., Bauer, C.R., Whitaker, T.M., & Hammond, J.A. (2013). Prenatal substance exposure: Neurobiologic organization at 1 month. *The Journal of Pediatrics*, *163*, 989-994.
7. **Conradt, E.**, Lester, B.M., Appleton, A.A., Armstrong, D.A., & Marsit, C.J. (2013). The roles of DNA methylation of *NR3C1* and *11 β -HSD2* and exposure to maternal mood disorder *in utero* on newborn neurobehavior. *Epigenetics*, *8*, 1321-1329.
8. **Conradt, E.**, LaGasse, L.L., Shankaran, S., Bada, H., Bauer, C.R., Whitaker, T.M., Hammond, J.A., & Lester, B.M. (2013). Physiologic correlates of neurobehavioral disinhibition that relate to drug use and risky sexual behavior in adolescents with prenatal substance exposure. *Developmental Neuroscience*, *36*, 306-315.
9. **Conradt, E.**, Abar, B., Sheinkopf, S., Lester, B., LaGasse, L.L., Seifer, R., Shankaran, S., Bada, H., Bauer, C.R., Whitaker, T.M., Hinckley, M., Hammond, J.A., & Higgins, R.D. (2014). The roles of prenatal substance exposure and early adversity on parasympathetic functioning from 3 to 6 years of age. *Developmental Psychobiology*, *56*, 821-835.
10. Armstrong, D.A., Lesueur, C., **Conradt, E.**, Lester, B.M., & Marsit, C.J. (2014). Global and gene-specific DNA methylation across multiple tissues in early infancy: Implications for children's health research. *The Journal of the Federation of American Societies for Experimental Biology*, *28*, 2088-2097.
11. Lester, B.M., **Conradt, E.**, Marsit, C.H. (2014). Are epigenetic changes in the intrauterine environment related to newborn neurobehavior? *Epigenomics*, *6*, 175-180.
12. **Conradt, E.**, Fisher, P., DeGarmo, D., Abar, B., Lester, B., LaGasse, L.L., Shankaran, S., Bada, H., Bauer, C.R., Whitaker, T.M., & Hammond, J.A. (2014). The contributions of early adverse experiences and trajectories of RSA on the development of neurobehavioral disinhibition among children with prenatal substance exposure. *Development and Psychopathology*, *26*, 901-916.
13. **Conradt, E.**, Abar, B., Lester, B.M., LaGasse, L.L., Shankaran, S., Bada, H., Bauer, C.R., Whitaker, T.M., & Hammond, J.A. (2014). Cortisol reactivity to social stress as a mediator of early adversity on risk and adaptive outcomes, *Child Development*, *85*, 2279-2298.

14. **Conradt, E.**, *Fei, M., LaGasse, L., Tronick, E.Z., Guerin, D., Gorman, D., Marsit, C.J., & Lester, B. (2015). Prenatal predictors of infant self-regulation: The contributions of placental DNA methylation of *NR3C1* and neuroendocrine activity. *Frontiers in Behavioral Neuroscience*, 9.
15. Lester, B.M., **Conradt, E.**, & Marsit, C. (2016). Introduction to the special section on epigenetics and child development. *Child Development*, 87, 29-37.
16. **Conradt, E.**, Lester, B., Hawes, K., Tronick, E., & Marsit, C. (2016). The contributions of maternal sensitivity and maternal depressive symptoms to epigenetic processes and neuroendocrine functioning. *Child Development*, 87, 73-85.
17. **Conradt, E.**, Beauchaine, T., Abar, B., Lester, B.M., Lagasse, L.L., Shankaran, S., Bada, H., Bauer, C.R., Whitaker, T.M., & Hammond, J.A. (2016). RSA reactivity at one month moderates the relation between early caregiving stress exposure and biobehavioral outcomes at age three. *Psychophysiology*, 53, 83-96.
18. **Conradt, E.***, LaGasse, L.* , Karalunas, S.L., Dansereau, L.M., Butner, J.E., & Lester, B.M. (2016). Transactional relations between caregiving stress, executive functioning, and problem behavior from early childhood to adolescence. *Development and Psychopathology*, 28, 743-756.
19. **Ostlund, B.D., **Conradt, E.**, Crowell, S.E., Tyrka, A.R., Marsit, C.M., & Lester, B.M. (2016). Prenatal stress, fearfulness, and the epigenome: Sex differences in DNA methylation of the glucocorticoid receptor gene. *Frontiers in Behavioral Neuroscience*, 10.
20. **Ostlund, B.D., Measelle, J., Laurent, H., **Conradt, E.**, & Ablow, J. (2017). Shaping emotion regulation: Attunement, symptomatology, and stress recovery within mother-infant dyads. *Developmental Psychobiology*, 59, 15-25.
21. Fong, M., Measelle, J., **Conradt, E.**, & Ablow, J. (2017). Links between early baseline cortisol, attachment classification, and problem behaviors: A test of differential susceptibility versus diathesis-stress. *Infant Behavior and Development*, 46, 158-168.
22. **Conradt, E.** (2017). Using principles of behavioral epigenetics to advance research on early-life stress. *Child Development Perspectives*, 11, 107-112.
23. Lin, B.** , Ostlund, B.D.** , **Conradt, E.**, LaGasse, L., & Lester, B. (2018). Testing the programming of temperament and psychopathology in two independent samples of children with prenatal substance exposure. *Development and Psychopathology*, 30, 1023-1040.
24. **Conradt, E.**, Adkins, D.E., Crowell, S.E., Raby, K.L., Diamond, L., & Ellis, B. (2018). Incorporating epigenetic mechanisms to advance prenatal programming theories. *Development and Psychopathology*, 30, 807-824.
25. **Conradt, E.**, Adkins, D. E., Crowell, S.E., Monk, C., & Kobor, M.S. (2018). An epigenetic pathway approach to investigating associations between prenatal exposure to maternal mood disorder and newborn neurobehavior. *Development and Psychopathology*, 30, 881-890.

26. Lester, B.M., **Conradt, E.**, Padbury, J., Tronick, E.Z., & Marsit, C.M. (2018). Epigenetic programming by maternal behavior in the human infant. *Pediatrics*, *142*, e20171890.
27. Hogan, W., Winter, S., Pinto, N., Weng, C., Sheng, X., **Conradt, E.**, Wood, J., Puchalski, M., Tani, L., & Miller, T.A. (2018). Neurobehavioral evaluation of neonates with congenital heart disease. *Developmental Medicine & Child Neurology*, *60*, 1225-1231.
28. **Conradt, E.**, Crowell, S.E., & Lester, B.M. (2018). Early life stress and environmental influences on the neurodevelopment of children with prenatal opioid exposure. *Neurobiology of Stress*, *9*, 48-54.
29. Terrell, S.**, **Conradt, E.**, LaGasse, L., & Lester, B.M. (2019). A developmental origins perspective on the emergence of violent behavior in males. *Infant Mental Health Journal*, *40*, 54-66.
30. Lin, B.**, Kaliush, P.R., **Conradt, E.**, Terrell, S.M.**, Neff, D.**, Allen, A.**, Smid, M.C., Monk, C., & Crowell, S.E. (2019). Intergenerational transmission of emotion dysregulation part I: Psychopathology, self-injury, and parasympathetic responsivity among pregnant women. *Development and Psychopathology*, *31*, 817-831.
31. Ostlund, B.**, Vlisides-Henry, R.D., Crowell, S.E., Raby, K.L., Terrell, S., Brown, M.**, Tinajero, R., Shakiba, N.**, Monk, C., Shakib, J., Buchi, K.F., & **Conradt, E.** (2019). Intergenerational transmission of emotion dysregulation part II: Developmental origins of newborn neurobehavioral risk for psychopathology. *Development and Psychopathology*, *31*, 833-846.
32. **Conradt, E.**, Ostlund, B.D.**, Guerin, D., Armstrong, D.A., Marsit, C.J., Tronick, E., LaGasse, L., & Lester, B.M. (2019). DNA methylation of *NR3c1* in infancy: associations between maternal caregiving and infant sex. *Infant Mental Health Journal*, *40*, 513-522.
33. Sheinkopf, S.J., Levine, T., McCormick, C., Puggioni, G., **Conradt, E.**, LaGasse, L.L., & Lester, B.M., & (2019). Developmental trajectories of autonomic functioning in autism from birth to early childhood. *Biological Psychology*, *142*, 13-18.
34. **Conradt, E.**, Flannery, T., Aschner, J., Croen, L., Duarte, C., Friedman, A., Guille, C., Hedderson, M., Hofheimer, J., Jones, M., Ladd-Acosta, C., McGrath, M., Moreland, A., Neiderhiser, J., Nguyen, R., Posner, J., Ross, J., Savitz, D., Ondersma, S., & Lester, B.M. (2019). Prenatal opioid exposure: Neurodevelopmental consequences and future research priorities. *Pediatrics*, *144*.
35. Aghagoli, G., **Conradt, E.**, Padbury, J.F., Sheinkopf, S.J., Tokadjian, H., Dansereau, L.M., Tronick, E.Z., Marsit, C.J., & Lester, B.M. (2019). Social stress related epigenetic changes associated with increased heart rate variability in infants. *Frontiers in Behavioral Neuroscience*.
36. **Conradt, E.**, Shakiba, N.**, Ostlund, B.**, Terrell, S.**, Kaliush, P., Shakib, J.H., & Crowell, S.E. (2020). Prenatal maternal hair cortisol concentrations are related to maternal prenatal emotion dysregulation but not neurodevelopmental or birth outcomes. *Developmental Psychobiology*, *62*, 758-767.

37. **Conradt, E.**, Carter, S.E., & Crowell, S.E. (2020). Biological embedding of chronic stress across two generations within marginalized communities. *Child Development Perspectives*, 14, 208-214.
38. Kaliush, P.R., Gao, M.** , Vlisides-Henry, R.D., Thomas, L.R., Butner, J.E., **Conradt, E.**, & Crowell, S.E. (2021). Perinatal foundations of personality pathology from a dynamical systems perspective. *Current Opinion in Psychology*, 37, 121-128.
39. Gao, M. M.** , Ostlund, B.** , Brown, M.** , Kaliush, P., Terrell, S.** , Vlisides-Henry, R., Raby, L., Crowell, S.E., & **Conradt, E.** (2021). Prenatal maternal transdiagnostic, RDoC-informed, predictors of newborn neurobehavior: Differences by sex. *Development and Psychopathology*.
40. Vlisides-Henry, R.D., Deboeck, P.R., Grill-Velasquez, W., Mackey, S., Ramadurai, D.K.A., Urry, J.O., Neff, D.** , Terrell, S.** , Gao, M.** , Thomas, L., **Conradt, E.**, & Crowell, S.E. (2021). Behavioral and physiological stress responses: Within-person concordance during pregnancy. *Biological Psychology*, 159.
41. Vlisides-Henry, R.D., Gao, M.** , Thomas, L., Kaliush, P.R., **Conradt, E.**, & Crowell, S.E. (2021). Digital phenotyping of emotion dysregulation across lifespan transitions to better understand psychopathology risk. *Frontiers in Psychiatry*.
42. Kaliush, P.R., Terrell, S.** , Vlisides-Henry, R.D., Lin, B.** , Neff, D.** , Shakiba, N.** , **Conradt, E.**, & Crowell, S.E. (2021). Influences of adversity across the lifespan on respiratory sinus arrhythmia during pregnancy. *Developmental Psychobiology*, 63.
43. Ostlund, B.D., Olavson, K.** , Brown, M.A.** , Shakiba, N.** , Saenz, C.** , Crowell, S.E., & **Conradt, E.** (2021). Maternal mindfulness during pregnancy predicts newborn neurobehavior. *Developmental Psychobiology*, 63.
44. Gao, M. M.** , Brown, M. A.** , Neff, D.** , Crowell, S. E., & **Conradt, E.** (2021). Prenatal paternal stress predicts infant parasympathetic outcomes above and beyond prenatal maternal stress. *Journal of Reproductive and Infant Psychology*.
45. **Conradt, E.**, Crowell, S.E., & Cicchetti, D. (*in press*). Using development and psychopathology principles to inform the research domain criteria (RDoC) framework. *Development and Psychopathology*.
46. Shakiba, N.** , Gao, M.** , **Conradt, E.**, Terrell, S.** , & Lester, B.M. (*in press*). Parent-child relationship quality and adolescent health: Testing the differential susceptibility and diathesis-stress hypotheses in African American youths. *Child Development*.
47. Reese, S.E., **Conradt, E.**, Riquino, M.R., & Garland, E.L. (*in press*). An integrated mechanistic model of mindfulness-oriented recovery enhancement for opioid-exposed mother-infant dyads. *Frontiers in Psychology*.

48. Tabachnik, A.R., Sellers, T., Margolis, E., Labella, M., Neff, D.** , Crowell, S.E., Raby, K.Lee, Saenz, C.** , **Conradt, E.**, & Dozier, M. (*in press*). Adapting psychophysiological data collection for COVID-19: The “Virtual Assessment” model. *Infant Mental Health Journal*.
49. Gao**, M.M., Saenz, C. Neff, D., Santana, M.L., Amici, J., Butner, J., Raby, K.L., Crowell, S.E., & **Conradt, E.** (*in press*). Bringing the laboratory into the home: A protocol for remote physiological and behavioral data collection in pregnant women with emotion dysregulation and their infants. *Journal of Health Psychology*.
50. Werchan, D.M, Hendrix, C.L., Ablow, J. C., Amstadrer, A. B., Austin, A. C., Babineau, V., Bogat, G. A., Cioffredi, L., **Conradt, E.**, Crowell, S. E., Dumitriu, D., Fifer, W., Firestein, M. R., Gao, W., Gotlib, I. H., Graham, A., Gregory, K. D., Gustafsson, H. C., Havens, K. L., ... Brito, N. (*in press*). Behavioral coping phenotypes and psychosocial outcomes in a national US sample of pregnant and postpartum women during the COVID-19 pandemic. *Nature Scientific Reports*.
51. Gao, M.M.** , Speck, B., Ostlund, B.** , Neff, D** , Shakiba, N.** , Vlisides-Henry, R., Kaliush, P.R., Molina, N.C., Thomas, L., Raby, L., Crowell, S.E., & **Conradt, E.** (*in press*). Early developmental foundations of physiological dynamics between mothers and infants: The role of newborn neurobehavior. *Child Development*.
52. Leve, L.D., **Conradt, E.**, & Tanner-Smith, E.E. (2022). Editorial: Parenting in the context of opioid use: Mechanisms, prevention solutions, and policy implications. *Frontiers in Psychology*.
53. Rudd, K.L., Caron, Z., Jones-Mason, K., Coccia, M., **Conradt, E.**, Alkon, A., & Bush, N.R. (*in press*). The Prism of Reactivity: Concordance Between Biobehavioral Domains of Infant Stress Reactivity. *Infant Behavior and Development*.
54. Gao, M. M., Kaliush, P. R., Brown, M.A., Shakiba, N., Raby, K. L., Crowell, S. E., & **Conradt, E.** (*in press*). Unique contributions of maternal prenatal and postnatal emotion dysregulation on infant respiratory sinus arrhythmia. *Research on Child and Adolescent Psychopathology*.

*The first and second authors contributed equally to this work

**Denotes student co-author

Book Chapters

1. Rothbart, M.K., Sheese, B., & **Conradt, E.** (2009). Childhood Temperament. In P. J. Corr & G. Matthews (Eds.), *The Cambridge Handbook of Personality Psychology* (pp. 177-190). Cambridge, UK: Cambridge University Press.
2. Levine, T.P., Sheinkopf, S.J., **Conradt, E.**, Goodwin, M. (2014). Psychophysiological Arousal to Social Stress in Autism Spectrum Disorders. In V. Patel, V. Preedy, & C. Martin (Eds.), *The Comprehensive Guide to Autism* (pp. 1177-1193). New York, NY: Springer.

3. Brown, M.*, **Conradt, E.**, & Crowell, S.E. (2020). Epigenetic foundations of emotion dysregulation. In T.P. Beauchaine and S.E. Crowell (Eds.), *Oxford Handbook of Emotion Dysregulation*. New York: Oxford University Press.
4. Shakiba, N., **Conradt, E.**, & Ellis, B. J. (2020). Biological sensitivity to context: A framework for understanding relations between early life experiences and problem behaviors. In K. Hardness & E. P. Hayden (Eds.), *The Oxford Handbook of Stress and Mental Health*. New York: Oxford University Press.

Selected National Presentations

1. **Conradt, E.** (2020). Neurodevelopmental consequences of prenatal opioid exposure. Talk presented at the *Society for Birth Defects Research and Prevention* annual meeting.
2. Crowell, S. E., Butner, J., Neff, D. Terrell, S., Kaliush, P. R., Vlisides-Henry, R. D., Brown, M., & **Conradt, E.** (2019). Emotion dysregulation across generations: Mother-infant dynamics and risk transmission. Talk presented at the *Society for Research in Child Development*, Baltimore, MD.
3. Brown, M. A., Terrell, S., Ostlund, B. D., Kaliush, P. R., Crowell, S. E., **Conradt, E.** (2019, March). *Intergenerational transmission of baseline RSA: The role of maternal emotion dysregulation*. Symposium presented at Society for Research in Child Development, Baltimore, Maryland.
4. **Conradt, E.**, Jiang, Y., LaGasse, L., & Lester, B. (2017, April). How the timing and type of stressful life events contributes to cortisol reactivity and risky sexual behavior: A test of the adaptive calibration model. Paper presented at the Society for Research in Child Development, Austin, Texas.
5. **Conradt, E.**, Passey, E., Barr, C., Lindell, S., Suomi, S., & Higley, D. (2016, May). Programming of the infant HPA axis by maternal rearing environment: Evidence from experimental research with rhesus macaques (*Macaca mulatta*). Paper presented at the International Congress on Infant Studies, New Orleans, LA.
6. **Conradt, E.**, DeGarmo, D., Lester, B., LaGasse, L., Shankaran, S., Bada, H., Bauer, C., Whitaker, T., & Hammond, J. (2015, July). Cortisol as a biomarker for neurobehavioral disinhibition. Paper presented at the International Society for Research in Child and Adolescent Psychopathology, Portland, OR.
7. **Conradt, E.**, Fei, M., LaGasse, L., Tronick, E., Guerin, D., Gorman, D., Marsit, C.J., & Lester, B.M. (2015, April). Maternal sensitivity buffers the effect of maternal depression on DNA methylation and neuroendocrine functioning. Paper presented at the biannual meeting of the Society for Research in Child Development, Philadelphia, PA.
8. **Conradt, E.**, Lester, B., Appleton, A., Armstrong, D., & Marsit, C. (2014, July). The roles of DNA methylation of *11β-HSD2* and *NR3C1* and exposure to maternal mood disorder

in utero on newborn neurobehavior. Paper presented at the biannual meeting of the International Conference on Infant Studies, Berlin, Germany.

9. **Conradt, E.**, Abar, B., Lester, B., LaGasse, L., Bauer, C.R., Shankaran, S., Bada, H.S., Whitaker, T.M., & Hammond, J. (2013, April). The contributions of early adverse experiences and trajectories of RSA on the development of neurobehavioral disinhibition. Paper presented at the biannual meeting of the Society for Research in Child Development, Seattle, WA.
10. **Conradt, E.**, Sheinkopf, S., Bauer, C.R., Shankaran, S., Bada, H.S., Whitaker, T.M., Lagasse, L.L., Hammond, J., & Lester, B. (2012, June). Parasympathetic regulation in response to orientation among infants with and without prenatal drug exposure. Paper presented at the biannual meeting of the International Conference on Infant Studies, Minneapolis, MN.
11. **Conradt, E.**, Abar, B., Bauer, C.R., Shankaran, S., Bada, H.S., Whitaker, T.M., Lagasse, L.L., Hammond, J., & Lester, B. (2012, June). Developmental origins of RSA reactivity in early childhood: Contributions of prenatal substance exposure and early adversity. Paper presented at the biannual meeting of the International Conference on Infant Studies, Minneapolis, MN.
12. **Conradt, E.**, Ablow, J.C., Measelle, J., & Laurent, H (2010, October). Fine tuning: Behavioral and physiological attunement in mothers and infants following social challenge. Paper presented at the annual meeting of the Society for Psychophysiological Research, Portland, OR.
13. **Conradt, E.**, Ablow, J.C., Measelle, J., & Musser, E. (2009, April). The independent and joint contributions of maternal sensitivity and infant temperament to infant physiological regulation. Poster presented at the biannual meeting of the Society for Research in Child Development, Denver, CO.
14. **Conradt, E.**, Ablow, J., & Measelle, J. (2008, March). Using the still face to assess bio-behavioral indicators of emotion dysregulation in high-risk mother/infant dyads. Symposium co-chair and presenter of paper at the biannual meeting of the International Conference on Infant Studies, Vancouver, BC.
15. **Conradt, E.** Ablow, J.C., Measelle, J., & McMahon, R. (2008, March). Pre- to postnatal continuity in physiological responses to infant cries among women with anxiety. Poster presented at the biannual meeting of the International Conference on Infant Studies, Vancouver, BC.
16. **Conradt, E.**, & Ablow, J.C. (2007, March). Psychosocial correlates of expectant Women's physiological response to infant cries. Poster presented at the biannual meeting of the Society for Research in Child Development, Boston, MA.
17. Manian, N., **Conradt, E.**, & Bornstein, M.H. (2004, May). Agreement between maternal ratings and observations of infant temperament: Do depressed mothers disagree more

than well mothers? Poster presented at the annual convention of the American Psychological Society, Chicago, IL.

- 18. Conradt, E.**, Sparenborg, J.D, Gura, T.L., Higley, J.D., & Suomi, S.J. (2002, August). Genetic and environmental determinants of rhesus macaque (*Macaca mulatta*) relative dominance rank. Poster presented at the summer student poster session, National Institutes of Health, Bethesda, MD.

Research Funding

2019-2024	R01 NIH/NIMH Emotion dysregulation across generations: Identifying early developmental and clinical indicators of risk R01MH119070 Role: Multiple Principal Investigator (with Sheila Crowell MPI)
2020-2021	Administrative supplement to R01MH119070 Using digital phenotyping to assess for emotion dysregulation in pregnant women Role: Multiple Principal Investigator (with Sheila Crowell MPI)
2020-2025	R01 NIH/NIDA Clinical markers of neonatal opioid withdrawal syndrome: onset, severity, and longitudinal neurodevelopmental outcome R01DA049755 Role: Multiple Principal Investigator (with Barry Lester MPI)
2021-2022	Administrative supplement to R01DA049755 Development of a cloud-based Infant Cry Analyzer Role: Multiple Principal Investigator (with Barry Lester MPI)
2021-2023	American Foundation for Suicide Prevention A longitudinal study of maternal self-injurious thoughts and behaviors at the perinatal transition. LSRG-1-197-20 Role: Co-investigator
2014-2019	K08 Mentored Clinical Scientist Research Career Development Award The epigenetic basis of stress reactivity: Implications for drug-exposed infants 1K08DA038959-01A1 NIH/NIDA Role: Principal Investigator
2016-2019	R21 NIH/NIMH Advancing the science and technology of prenatal programming research 1R21MH109777-01 Role: Co-Investigator

Elisabeth Conradt, Ph.D.

- 2018-2020 Utah Children's Project/ECHO Innovative project award
Epigenetic and neurodevelopmental treatment targets for prenatal opioid exposure (\$25,000)
Role: Principal Investigator
- 2015-2020 1UM1HL12871101
Bridging the gap between genomics and clinical outcomes in congenital heart disease
NIH/NHLBI, NICHD
Role: "Other significant Contributor"
- 2018-2020 Consortium for Families and Health Faculty research award, University of Utah
Epigenetic and neurodevelopmental treatment targets for prenatal opioid exposure (\$10,000)
Role: Principal Investigator
- 2018-2020 College of Social and Behavioral Sciences Research Pilot Program Seed Grant, University of Utah
The effects of social safety net generosity on birth weight among low-income women (\$7,500)
Role: Co-investigator
- 2016-2018 Neuroscience Initiative Collaborative Pilot Project
Identifying infant neurophysiological signatures linked with prenatal exposure to maternal anxiety (\$49,300)
Role: Principal Investigator
- 2014-2016 Interdisciplinary Research Pilot Program award, University of Utah
Innovative measurements of socio-economic status and maternal health in pregnancy (\$10,000)
Role: Principal Investigator
- 2014-2016 Consortium for Families and Health Faculty research award, University of Utah
Maternal depression: Epigenetic pathways to child problem behavior (\$10,000)
Role: Principal Investigator
- 2011-2014 Ruth L. Kirschstein F32 National Research Service Award
The Impact of Prenatal Cocaine Exposure, Environmental Risk, and Trajectories of Vagal Tone on Psychopathology and Substance Use
F32DA032175
NIH/NIDA
Role: Principal Investigator

- 2009 Beverly Fagot Dissertation Fellowship
Project Title: Differential Susceptibility to Rearing Influences among Infants Living in Poverty: The Role of Infant Autonomic Functioning
Funding Source: The University of Oregon
- 2003-2004 Post-Baccalaureate Intramural Research Training Award at the National Institute of Child Health and Human Development
Project Title: Social and Emotional Development Among Infants of Depressed and Nondepressed Mothers
Funding Source: The National Institute of Child Health and Human Development

Unfunded Grant Proposals

- 11/2017 R01 NIH/NIMHD
 Novel epigenetic mechanisms underlying preterm birth in Latinas
 R01MD013315
 Role: Multiple Principal Investigator
- 2/2014 R21 NIH/NICHHD
 The roles of maternal caregiving and epigenetics on infant stress reactivity
 1R21TW009797-01
 Role: Principal Investigator
- 3/2014 R21 NIH/NIMH
 Prenatal stress programming of offspring neurobehavior
 1R21MH104565-01
 Role: Principal Investigator

Honors and Awards

2020	Association for Psychological Science Cattell Sabbatical Award
2018	International Congress of Infant Studies Distinguished Early Career Award
2018	World Association for Infant Mental Health New Investigator Award
2017	International Society for Developmental Psychobiology Kucharski Young Investigator Award
2017	Society for Research in Child Development Early Career Research Contributions Award
2016	Vice President's Clinical and Translational Research Scholars Program, University of Utah
2015	Association for Psychological Science Rising Star
2015	Victoria S. Levin Grant for Early Career Success in Young Children's Mental Health Research from the Society for Research in Child Development
2012, 2014	NIDA Clinical Research Loan Repayment Program Award
2012	International Society for Developmental Psychobiology Travel Award

2009	Marthe E. Smith Graduate School Award for Academic Excellence from the University of Oregon
2006	National Science Foundation Graduate Fellowship Honorable Mention
2003	<i>Magna Cum Laude</i> , University of North Carolina at Chapel Hill

Invited Talks

- 3/2016 "The Intergenerational transmission of emotion dysregulation: Testing the programming hypothesis via epigenetic methods" Indiana University Department of Psychological and Brain Sciences
- 3/2017 "Advancing the science of early life stress research using epigenetic methods" University of Nevada Las Vegas experimental psychology proseminar series.
- 10/2017 "Epigenetic processes implicated in prenatal origins of health" Snowbird Symposium on "The Role of Epigenetics in Neuroscience". University of Utah Department of Neuroscience.
- 10/2017 "Treatment, intervention, and policy implications for behavioral epigenetic research". Honoring Dr. T. Berry Brazelton's legacy: New pathways to supporting infants, parents, & families. University of Massachusetts, Boston.
- 1/2018 "Identifying placental cytosine methylation and neurodevelopmental treatment targets for prenatal opioid exposure." National Institute on Drug Abuse (NIDA) Opioid effects on brain development and NAS/NOWS workshop. Bethesda, Maryland.
- 1/2018 "Home visiting treatment and policy implications for behavioral epigenetic research". HARC Collaborative Science of Home Visiting meeting. Washington, DC.
- 2/2018 "Is DNA our destiny?" 9th annual Bridging the Gap conference. Salt Lake City, UT.
- 4/2019 "Your DNA does not define you." Utah Foster Care conference. Salt Lake City, UT.
- 10/2019 "The power of positive parenting to buffer children against the effects of early-life stress: The science speaks!" Critical issues facing children & adolescents. Salt Lake City, UT.
- 11/2020 "Neurodevelopmental outcome after fetal exposure to maternal stress." International Symposium on the Fetal Brain. Children's National Medical Center, Washington, DC.
- "Prenatal influences on neurodevelopment at birth and beyond." Lifespan Brain Institute, Children's Hospital of Philadelphia, Philadelphia, PA.

12/2021 "Neurodevelopmental consequences of prenatal stress" Department of
Psychiatry and Behavioral Health Grand Rounds, Ohio State University,
3/2021 Columbus, OH.

Teaching Experience

2015-present Cognitive development (graduate core developmental course)
Behavioral epigenetics (graduate and advanced undergraduate seminar)
Infancy (undergraduate)

2005-2010 Graduate teaching fellow, University of Oregon, statistical methods in
psychology, psychology of music, marriage and family therapy, mind and
the brain, mind and society

2006-2008 Undergraduate Psychology Co-Instructor, University of Oregon, Social
Development

2002 Undergraduate teaching assistant, University of North Carolina at Chapel
Hill, statistical methods in psychology

Professional Memberships

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

Journal Related Activity

Associate Editor:

Developmental Psychology

Consulting editor:

Child Development

Special section co-editor (with Barry Lester, PhD and Carmen Marsit, PhD):

Child Development: "Special section on behavioral epigenetics"

Ad Hoc Reviewer:

*Child Development; Clinical Epigenetics; Development and Psychopathology; Developmental
Psychobiology; Epigenetics; Infant and Child Development; Infant Behavior and
Development; Journal of Abnormal Child Psychology; Journal of Child Psychology and*

Elisabeth Conradt, Ph.D.

Psychiatry; Journal of Experimental Child Psychology; Parenting: Science and Practice; Parenting: Science and Practice; Pediatrics; Psychology of Addictive Behaviors; Psychophysiology; Biological Psychiatry

Grant Reviews

- 2021 National Institutes of Health Mechanisms of Emotion Stress and Health (MESH) study section; ad hoc reviewer
- 2020 National Science Foundation CAREER awards ad hoc reviewer
- 2019 National Institutes of Health Child Psychopathology and Developmental Disabilities (CPDD) study section; ad hoc reviewer
- 2018 National Institutes of Health NIMH Pathway to Independence Awards (K99/R00)
- 2018 National Institutes of Health mechanisms of emotion, stress, and health study section; early career reviewer
- 2017 National Science Foundation Developmental Sciences Program
- 2016 US-Israel Binational Science Foundation
- 2014-present National Institutes of Health Loan Repayment Program reviewer
- 2012 The Netherlands Organization for Health Research and Development

Additional Service

- 2020 University of Utah Graduate Research Fellowship Review Committee
- 2020 1U4U Vice President for Research Targeted Seed Grant Committee, “opioid addiction research”
- 2020 NIH Environmental Influences on Child Health Outcomes (ECHO) Publications Committee

Specialized Training and Workshops

- 2014 Epigenetic methods
Instructor: Carmen Marsit, PhD
- 2010-2011 Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Program
Training Directors: Judy Silver, Ph.D, and Nathan Blum, M.D.
- 2009 Newborn Behavioral Observations Training, Harvard University
Instructors: Kevin Nugent, Ph.D., and Susan Minear, Ph.D.

Elisabeth Conradt, Ph.D.

- 2009 Multi-level Linear Models, University of North Carolina at Chapel Hill
Instructors: Patrick Curran, Ph.D., and Dan Bauer, Ph.D.
- 2008 The Marte Meo Method, Oregon Social Learning Center and the University of
Oregon
Instructor: Ingegerd Wirtburg, Dr. Med SC
- 2006 Cognitive Behavioral Therapy for Depression, University of Oregon
Instructor: Christine Padesky, Ph.D.
- 2006 Strange Situation Coding Training, Institute of Child Development, University of
Minnesota.
Instructors: Alan Sroufe, Ph.D., and Elizabeth Carlson, Ph.D.