

BARRY M. LESTER, PH.D.

PUBLICATIONS

1. Lester, B.M. & Klein, R.E. The effect of stimulus familiarity on the conservation performance of rural Guatemalan children. *Journal of Social Psychology*, 90, 197-205, 1973.
2. Ferguson, L.P., Partyka, L., & Lester, B.M. Patterns of parent perception differentiating clinic from non-clinic children. *Journal of Abnormal Child Psychology*, 2, 169-181, 1974.
3. Lester, B.M., Kotelchuck, M., Spelke, E., Sellers, M.J., & Klein, R.E. Separation protest in Guatemalan infants: Cross-cultural and cognitive findings. *Developmental Psychology*, 10, 79-85, 1974.
4. Lester, B.M. Cardiac habituation of the orienting response to an auditory signal in infants of varying nutritional status. *Developmental Psychology*, 11, 432-442, 1975.
5. Lester, B.M., Klein, R.E., & Martinez, S.J. The use of habituation in the study of the effects of infantile malnutrition. *Developmental Psychobiology*, 8; (6): 541-546, 1975.
6. Lester, B.M. Spectrum analysis of the cry sounds of well-nourished and malnourished infants. *Child Development*, 47, 237-241, 1976.
7. Lester, B.M., Emory, E.K., Hoffman, S.L., & Eitzman, D.V. A multivariate study of the effects of high risk factors on performance on the Brazelton Neonatal Assessment Scale. *Child Development*, 47, 515-517, 1976.
8. Lester, B.M. Psychological and CNS consequences of protein calorie malnutrition. *Interamerican Journal of Psychology*, 10, 17-31, 1976.
9. Als, H., Tronick, E., Lester, B.M., & Brazelton, T.B. The Brazelton Neonatal Behavioral Assessment Scale (NBAS). *Journal of Abnormal Child Psychology*, 5, 215-231, 1977.
10. Zeskind, P.S. & Lester, B.M. Acoustic features and auditory perceptions of the cries of newborns with prenatal and perinatal complications. *Child Development*, 49, 589-599, 1978.
11. Lester, B.M. & Zeskind, P.S. Brazelton scale and physical size correlates of neonatal cry features. *Infant Behavior and Development*, 1, 393-402, 1978.
12. Lester, B.M. The organization of crying in the neonate. *Journal of Pediatric Psychology*, 3, 122-130, 1978.
13. Brazelton, T.B., Tryphonopoulou, Y., & Lester, B.M. A comparative study of Greek neonatal behavior. *Pediatrics*, 63, 279-285, 1979.
14. Lester, B.M. A synergistic process approach to the study of prenatal malnutrition. *International Journal of Behavioral Development*, 2, 377-393, 1979.
15. Garcia-Coll, C., Sepkoski, C., & Lester, B.M. Cultural and biomedical correlates of neonatal behavior. *Developmental Psychobiology*, 41, 147-154, 1981.
16. Zeskind, P.S. & Lester, B.M. Analysis of cry features in newborns with differential fetal growth. *Child Development*, 52, 207-212, 1981.
17. Lester, B.M., Garcia-Coll, C.T., & Sepkoski, C. Teenage pregnancy and neonatal behavior: Effects in Puerto Rico and Florida. *Journal of Youth and Adolescence*, 11(5), 385-401, 1982.
18. Sepkoski, C., Garcia-Coll, C., & Lester, B.M. The cumulative effects of obstetric risk variables on newborn behavior. In L. Lipsitt & T. Field (Eds.), *Infant Behavior and Development*, 33-39, 1982.
19. Lester, B.M., Als, H., & Brazelton, T.B. Regional obstetric anesthesia and newborn behavior: A reanalysis toward synergistic effects. *Child Development*, 53, 687-692, 1982.

20. Garcia-Coll, C., Seposki, C., & Lester, B.M. Effects of teenage childbearing on neonatal and infant behavior in Puerto Rico. *Infant Behavior and Development*, 5, 227-236, 1982.
21. Yogman, M., Cole, P., Als, H., & Lester, B.M. Behavior of newborns of diabetic mothers. *Infant Behavior and Development*, 5, 331-340, 1982.
22. Yogman, M.W., Lester, B.M., & Hoffman, J. Behavioral and cardiac rhythmicity during mother-father-stranger infant social interaction. *Pediatric Research*, 17(11), 872-876, 1983.
23. Lester, B.M. Diagnostics Use of Infant Cry. *Acta Paedologica*, 1(3), 301-318, 1984.
24. Lester, B.M. Review of Malnutrition and Behavior: Critical assessment of key issues. *Food and Nutrition Bulletin*, 7(2), 1984.
25. Lester, B.M. & Brazelton, T.B. A lean argument: Reply to Scanlon. *Child Development*, 55, 672-674, 1984.
26. Lester, B.M., Hoffman, J., & Brazelton, T.B. The rhythmic structure of mother-infant interaction in term and preterm infants. *Child Development*, 56, 15-27, 1985.
27. Censullo, M., Lester, B.M., & Hoffman, J. Rhythmic patterning in mother-newborn interaction. *Nursing Research*, 34(6), 342-346, 1985.
28. Lester, B.M., Garcia-Coll, C.T., Valcarcel, M., & Hoffman, J., & Brazelton, T.B. Effects of atypical patterns of fetal growth on newborn (NBAS) behavior. *Child Development*, 57, 1-19, 1986.
29. Censullo, M., Bowler, R., Lester, B.M., & Brazelton, T.B. Development of an instrument for the measurement of Infant-Adult Synchrony. *Nursing Research*, 36(4), 244-248, 1987.
30. Lester, B.M. Developmental outcome prediction from acoustic cry analysis in term and preterm infants. *Pediatrics*, 80(4), 529-534, 1987.
31. Brem, A.S., Singer, D., Lester, B.M., & Abuelo, J.G. Infants of Azotemic Mothers: A report of three live births. *American Journal of Kidney Diseases*, 12(4), 299-303, 1988.
32. Lester, B.M., Garcia-Coll, C.T., & Valcarcel, M. Perception of infant cries in adolescent and older mothers. *Journal of Youth and Adolescents*, 18(3), 231-243, 1989.
33. Vohr, B., Lester, B.M., Rapisardi, G., O'Dea, C., Brown, L., Peucker, M., Cashore, W., & Oh, W. Abnormal brain stem function (BAER) correlates with acoustic cry features in term infants with hyperbilirubinemia. *Journal of Pediatrics*, 115, 303-308, 1989.
34. Rapisardi, G., Vohr, B., Cashore, W., Peucker, M., & Lester, B.M. Assessment of infant cry variability in high risk infants. *Journal of Pediatric Otorhinolaryngology*, 17, 765-771, 1989.
35. Lester, B.M. & Dreher, M. Effects of marijuana use during pregnancy on newborn cry. *Child Development*, 60, 765-771, 1989.
36. Vohr, B.R., Karp, D., O'Dea, C., Darrow, D., Garcia-Coll, C.T., Lester, B.M., Brown, L., Oh, W., & Cashore, W. Behavioral changes correlated with brainstem auditory evoked responses (BAER) in term infants with moderate hyperbilirubinemia. *Journal of Pediatrics*, 117, 288-291, 1990.
37. Lester, B.M., Boukydis, C.F.Z., Garcia-Coll, C.T., & Hole, W.T. Colic for developmentalists. *Infant Mental Health Journal*, 11(4), 321-333, 1990.
38. Lester, B.M., Corwin, M.J., Sepkoski, C., Seifer, R., Peucker, M., McLaughlin, S., & Golub, H.L. Neurobehavioral syndromes in cocaine exposed newborn infants. *Child Development*, 62, 694-705, 1991.
39. Ju, S.H., Lester, B.M., Garcia-Coll, C.T., Oh, W., & Vohr, B.R. Maternal perceptions of the sleep patterns of premature infants at seven months corrected age compared to full-term infants. *Infant Mental Health Journal*, 12(4), 338-346, 1991.

40. Bard, K.A., Platzman, K.A., Lester, B.M., & Suomi, S.J. Orientation to social and nonsocial stimuli in neonatal chimpanzees and humans. *Infant Behavior and Development*, 15, 43-56, 1992.
41. Corwin, M.J., Lester, B.M., Sepkoski, C., McLaughlin, S., Kayne, H., & Golub, H.L. Effects of in utero cocaine exposure on newborn acoustical cry characteristics. *Pediatrics*, 89(6), 1199-1203, 1992.
42. Sepkoski, C.M., Lester, B.M., Ostheimer, G.W., & Brazelton, T.B. The effects of maternal epidural anesthesia on neonatal behavior during the first month. *Developmental Medicine & Child Neurology*, 34, 1072-1080, 1992.
43. Lester, B.M. Infants and their families at risk: Assessment and intervention. *Infant Mental Health Journal*, 13(1), 54-66, 1992.
44. Lester, B.M., Boukydis, C.F.Z., Garcia-Coll, C.T., Hole, W., & Peucker, M. Infantile colic: Acoustic cry characteristics, maternal perception of cry, and temperament. *Infant Behavior and Development*, 15, 15-26, 1992.
45. Corwin, M.J., Lester, B.M., Sepkoski, C., McLaughlin, S., Kayne, H., & Golub, H.L. Effects of in utero cocaine exposure on newborn acoustical cry characteristics. *Pediatrics*, 89, 1199-1203, 1992.
46. Lester, B.M., Cucca, J., Andreozzi, L., Flanagan, P., & Oh, W. Possible association between Fluoxetine Hydrochloride and colic in an infant. *Journal of the American Academy of Child and Adolescent Psychiatry*, 32(6), 1253-1255, 1993.
47. McGrath, M.M., Lester, B.M., & Boukydis, C.F.Z. Determinants of maternal self-esteem in the neonatal period. *Infant Mental Health Journal*, 14(1), 35-48, 1993.
48. Meyer, E.C., Zeanah, C.H., Boukydis, C.F.Z., & Lester, B.M. A clinical interview for parents of high-risk infants: Concept and applications. *Infant Mental Health Journal*, 14(3), 192-207, 1993.
49. Lester, B.M. & Tronick, E.Z. The effects of prenatal cocaine exposure and child outcome: Lessons from the past. *Infant Mental Health Journal*, 15(2), 107-120, 1994.
50. Meyer, E.C., Garcia-Coll, C.T., Lester, B.M., Boukydis, C.F.Z., McDonough, S.M., & Oh, W. Family based intervention improves maternal psychological well-being and feeding interaction of preterm infants. *Pediatrics*, 93(2), 241-246, 1994.
51. Huffman, L.C., Bryan, Y.E., Pedersen, F.A., Lester, B.M., Newman, J.D., & Del Carmen, R. Infant cry acoustics and maternal ratings of temperament. *Infant Behavior and Development*, 17, 45-53, 1994.
52. Lester, B.M. & Peucker, M. Interface of behavior and physiological activity. *Advances for Medicine*, 13(3), 4-6, 1994.
53. Lester, B.M. & Meyer, E.C. Training program in psychosocial intervention for high-risk infants and their families. *Journal of Clinical Psychology in Medical Settings*, 1(3), 217-230, 1994.
54. Lester, B.M., Boukydis, C.F.Z., Garcia-Coll, C.T., Peucker, M., McGrath, M.M., Vohr, B.R., Brem, F., & Oh, W. Developmental outcome as a function of the goodness of fit between the infant's cry characteristics and the mother's perception of her infant's cry. *Pediatrics*, 95(4), 516-521, 1995.
55. Corwin, M.J., Lester, B.M., Sepkoski, C., Peucker, M., Kayne, H., & Golub, H.L. Newborn acoustical cry characteristics of infants subsequently dying of SIDS. *Pediatrics*, 96(1), 73-77, 1995.
56. Nugent, J.K., Lester, B.M., Greene, S., & Dorit-Wieczorek-Deering. The effects of maternal alcohol consumption and cigarette smoking during pregnancy on acoustic cry analysis. *Child Development*, 67, 1806-1815, 1996.

57. Lester, B.M. & Fueyo, M. Exposition prenatale a la cocaine: environnement parental et impact sur l'enfant. *Psychiatrie, Recherche Et Intervention En Sante' Mentale De L'Enfant (P.R.I.S.M.E.)*, 6(1), 126-137, 1996.
58. Lester, B.M., Freier, C., Boukydis, C.F.Z., Affleck, P., & Boris, N. Keeping mothers and their infants together. *New York University Review of Law & Social Change*, XXII, No. 2, 425-440, 1996.
59. Ferguson, A., Bier, J.A.B., Cucca, J., Andreozzi, L., & Lester, B. The quality of sucking in infants with colic. *Infant Mental Health Journal*, 17(2), 161-169, 1996.
60. Lester, B.M., Boukydis, C.F.Z., & LaGasse, L. Cardiorespiratory reactivity during the Brazelton Scale in term and preterm infants. *Journal of Pediatric Psychology*, 21(6), 771-783, 1996.
61. Napiorkowski, B., Lester, B.M., Freier, C., Brunner, S., Dietz, L., Nadra, A., & Oh, W. Effects of in utero substance exposure on infant neurobehavior. *Pediatrics*, 98(1), 71-75, 1996.
62. Bigsby, R., Coster, W., Lester, B.M., & Peucker, M.R. Motor behavioral cues of term and preterm infants at 3 months. *Infant Behavior and Development*, 19, 295-307, 1996.
63. Corwin, M.J., Lester, B.M., & Golub, H.L. The infant cry: What can it tell us? *Current Problems in Pediatrics*, 26, 325-334, 1996.
64. Garcia-Coll, C.T., Halpern, L., Seifer, R., Meyer, E.C., Kilis, E., Lester, B.M., Vohr, B.R., & Oh, W. Behavioral intervention and post-natal growth in full-term Intrauterine Growth Retarded (IUGR) infants. *Journal of Early Human Development*, 46, 105-116, 1996.
65. Lester, B.M., LaGasse, L., & Brunner, S. Data base of studies on prenatal cocaine exposure and child outcome. *Journal of Drug Issues*, 27(2), 487-499, 1997.
66. Meyer, E.C., Lester, B.M., Boukydis, C.F.Z., & Bigsby, R. Family-based intervention with high-risk infants and their families. *Journal of Clinical Psychology in Medical Settings*, 5(1), 49-69, 1998.
67. Lester, B.M., LaGasse, L.L., & Bigsby, R. Prenatal cocaine exposure and child development: What do we know and what do we do? *Seminars in Speech and Language*, 19(2), 123-146, 1998.
68. Msall, M.E., Bier, J., LaGasse, L., Tremont, M., & Lester, B.M. The vulnerable preschool child: The impact of biomedical and social risk on neurodevelopmental function. *Seminars in Pediatric Neurology*, 5(1), 52-61, 1998.
69. Lester, B.M. The Maternal Lifestyles Study. *Annals of the New York Academy of Sciences*, 846, 296-306, 1998.
70. Boukydis, C.F.Z. & Lester, B.M. Infant crying, risk status and social support in families of preterm and term infants. *Early Development and Parenting*, 7, 31-39, 1998.
71. Lester, B.M., LaGasse, L.L., & Seifer, R. Cocaine exposure and children: The meaning of subtle effects. *Science*, 282, 633-634, 1998.
72. Lester, B.M. To covary or not to covary: What is the question? *Journal of Drug Issues*, 29(2), 263-268, 1999.
73. ElSohly, M.A., Stanford, D.F., Murphy, T.P., Lester, B.M., Wright, L.L., Smeriglio, V.L., Verter, J., Bauer, C.R., Shankaran, S., Bada, H.S., & Walls, H.C. Immunoassay and GC-MS procedures for the Analysis of drugs of abuse in meconium. *Journal of Analytical Toxicology*, 23, 436-445, 1999.
74. Lester, B.M. Prenatal cocaine exposure and child outcome: A model for the study of the infant at risk. *Israel Journal of Psychiatry*, 37(3), 223-235, 2000.

75. McGrath, M.M., Sullivan, M.C., Lester, B.M., & Oh, W. Longitudinal neurological follow-up in NICU survivors with various neonatal morbidities. *Pediatrics*, 106 (6), 1397-1405, 2000.
76. Lester, B.M., ElSohly, M., Wright, L.L., Smeriglio, V.L., Verter, J., Bauer, C.R., Shankaran, S., Bada, H.S., Walls, H.C., Huestis, M.A., Finnegan, L.P., & Maza, P.L. The Maternal Lifestyle Study: Drug use by meconium toxicology and maternal self-report. *Pediatrics*, 107(2), 309-17, 2001.
77. Johnson, R.E., Jones, H.E., Jasinski, D.R., Svikis, D.S., Haug, N., Jansson, L., Kissin, W.B., Alpan, G., Lantz, M.E., Cone, E.J., Golden, A.S., Huggins, G.R., & Lester, B.M. Buprenorphine treatment of pregnant opioid-dependent women: Maternal and neonatal outcomes. *Drug and Alcohol Dependence*, 63, 97-103, 2001.
78. Allister, L., Lester, B.M., Carr, S. & Liu, J. The effects of maternal depression on fetal heart rate response to vibroacoustic stimulation. *Developmental Neuropsychology*, 20(3), 639-651, 2001.
79. Andreozi, L., Flanagan, P., Seifer, R., Brunner, S., & Lester, B. Attachment classifications among 18-month-old children of adolescent mothers. *Archives of Pediatrics and Adolescent Medicine*, 156, 20-26, 2002.
80. Bauer, C.R., Shankaran, S., Bada, H.S., Lester, B.M., Wright, L.L., Krause-Steinrauf, H., Smeriglio, V.L., Finnegan, L.P., Maza, P.L., & Verter, J. The Maternal Lifestyle Study (MLS): Drug exposure during pregnancy and short-term maternal outcomes. *American Journal of Obstetrics and Gynecology*. 186(3), 487-495, 2002.
81. Coyle, M.G., Ferguson, A., Lagasse, L.L., Oh, W., Lester, B.M. Diluted tincture of opium (DTO) and Phenobarbital vs. DTO alone for the treatment of neonatal opiate withdrawal. *Journal of Pediatrics*, 140(5), 561-564, 2002.
82. Bada, H.S., Das, A., Bauer, C.R., Shankaran, S., Lester, B., Wright, L.L., Verter, J., Smeriglio, V.L., Finnegan, L.P., Maza, P.L. Gestational cocaine exposure and intrauterine growth: Maternal Lifestyle Study. *Obstetrics and Gynecology*, 100(5), 916-924, 2002.
83. Bada, H.S., Bauer, C.R., Shankaran, S., Lester, B., Wright, L.L., Das, A., Poole, K., Smeriglio, V.L., Finnegan, L.P., Maza, P.L. Central and autonomic system signs with in-utero drug exposure. *Archives of Disease in Childhood*, 87, F106-F112, 2002.
84. Lester, B.M., Tronick, E.Z., LaGasse, L.L., Seifer, R., Bauer, C.R., Shankaran, S., Bada, H.S., Wright, L.L., Smeriglio, V.L., Liu, J., Finnegan, L.P., Maza, P.L. The Maternal Lifestyle Study: Effects of substance exposure during pregnancy on neurodevelopmental outcome in 1-month-old infants. *Pediatrics*, 110(6), 1182-1192, 2002.
85. Lester, B.M., LaGasse, L.L., Seifer, R., Tronick, E.Z., Bauer, C.R., Shankaran, S., Bada, H.S., Wright, L.L., Smeriglio, V.L., Liu, J., Finnegan, L.P., Maza, P.L. The Maternal Lifestyle Study (MLS): Effects of prenatal cocaine and/or opiate exposure on auditory brain response at one month. *Journal of Pediatrics*, 142(3), 279-285, 2003.
86. Salisbury, A., Law, K., LaGasse, L., Lester, B. Maternal-Fetal Attachment. *JAMA*, 289(13), 1701, 2003.
87. Keren, M., Feldman, R., Eidelman, A.I., Sirota, L., Lester, B. Clinical interview for high-risk parents of premature infants (CLIP) as a predictor of early disruptions in the mother-infant relationship at the nursery. *Infant Mental Health Journal*, 24(2), 93-110, 2003.
88. Roy Grenier, I., Bigsby, R., Vergara, E.R., Lester, B.M. Comparison of motor behaviors of preterm infants across positions. *American Journal of Occupational Therapy*, 57, 289-297, 2003.
89. Law, K.L., Stroud, L.R., LaGasse, L.L., Niaura, R., Liu, J., Lester, B.M. Smoking during pregnancy and newborn neurobehavior. *Pediatrics*, 111(6), 1318-1323, 2003.

90. Shankaran, S., Bauer, C.R., Bada, H.S., Lester, B., Wright, L.L., Das, A. Health-care utilization among mothers and infants following cocaine exposure. *Journal of Perinatology*, 23, 361-367, 2003.
91. LaGasse, L.L., Messinger, D., Lester, B.M., Seifer, R., Tronick, E.Z., Bauer, C.R., Shankaran, S., Bada, H.S., Wright, L.L., Smeriglio, V.L., Finnegan, L.P., Maza, P.L., Liu, J. Prenatal drug exposure and maternal and infant feeding behavior. *Archives of Disease in Childhood*, 88, F391-F399, 2003.
92. Lester, B.M., Tronick, E.Z. (Eds). *The Neonatal Intensive Care Unit Network Neurobehavioral Scale (NNS)*. Supplement to *Pediatrics*, Mar. 2004, Vol 113 pgs. 631-699.
93. Lester, B.M., Andreozzi, L., Appiah, L. Substance Use During Pregnancy: Time For Policy To Catch up With Research. *Harm Reduction Journal*, 2004 Apr 20;1(1):5.
94. Arria, A.M.; Derauf, C.; LaGasse, L.; Grant, P.; Shah, R.; Smith, L.; Haning, W.; Huestis, M.; Strauss, A.; DellaGrotta, S.; Liu, J.; and Lester, B. Alcohol, tobacco and illicit drug use during pregnancy: Preliminary results from the Infant Development, Environment, and Lifestyle Study (IDEAL). *Pediatric Research* 55;(4): Part 2, 168A, 2004.
95. Shankaran, S., Das, A., Bauer, C., Bada, H., Lester, B., Wright, L., and Smeriglio, V. Association Between Patterns of Maternal Substance Use and Infant Birth Weight, Length, and Head Circumference. *Pediatrics* 114; (2) 226-234 Aug.2004 printed in abstract form. To view full article go to <http://www.pediatrics.org/cgi/content/full/114/2/e226>.
96. Messinger, D.S., Bauer, C.R., Das, A., Seifer, R., Lester, B.M., LaGasse, L.L., Wright, L.L., Shankaran, S., Bada, H.S., Smeriglio, V.L., Langer, J.C., Poole, W.K. The Maternal Lifestyle (MLS): Cognitive, motor, and behavioral outcomes of cocaine exposed and opiate exposed infants through three years of age. *Pediatrics* 113 (6) 1677-1685, 2004.
97. Seifer, R., LaGasse, L.L., Lester, B.M., Bauer, C.R., Shankaran, S., Bada, H.S., Wright, L.L., Smeriglio, V.L., Liu, J. Attachment status in children prenatally exposed to cocaine and other substances. *Child Development*, 75; (3): 850-868, 2004.
98. DeSantis, A., Coster, W., Bigsby, R., Lester, B. Colic and Fussing in Infancy and Sensory Processing at 3-8 Years of Age. *Infant Mental Health Journal*, 2004, 25;(6): 522-539.
99. Wouldes, T., LaGasse, L., Sheridan, J., Lester, B. Maternal Methamphetamine Use During Pregnancy and Child Outcome: What Do We Know? *N Z Med J*. Nov 26;117(1206):U1180, 2004.
100. Miller-Loncar, C., Bigsby, R., High, P., Wallach, M., Lester, B. Infant colic and feeding difficulties. *Arch. Dis. Child*. Vol. 89;908-912:2004.
101. Coyle, M.G., Ferguson, A., LaGasse, L., Liu, J., Lester, B. Neurobehavioral effects of treatment for opiate withdrawal. *Arch. Dis. Child, Fetal Neonatal Ed*. 2005; 90 (1): F73-F74.
102. Maxted, A.E., Dickstein, S., Miller-Loncar, C., High, P., Spritz, B., Liu, J., Lester, B.M. Infant colic and maternal depression. *Infant Mental Health Journal*, 26(1);56-68: 2005.
103. Miller-Loncar, C., Lester, B.M., Seifer, R., LaGasse, L.L., Bauer, C.R., Shankaran, S., Bada, H.S., Wright, L.L., Smeriglio, V.L., Liu, J. Predictors of motor development in children prenatally exposed to cocaine. *Neurotoxicology and Teratology*, 27;(2):213-220, 2005.
104. Twomey, J., Soave, R., Gil, L., Lester, B.M. Permanency Planning and Social Service Systems: A Comparison of Two Families With Prenatally Substance Exposed Infants. *Infant Mental Health Journal*, 26, (3); 20-267, 2005

105. Salisbury, A., Duncan-Fallone, M., & Lester, B.M. Neurobehavioral Assessment From Fetus To Infant: The NICU Network Neurobehavioral Scale and The Fetal Neurobehavior Coding Scale. *Mental Retardation and Developmental Disabilities Research Reviews*, 11: 14-20, 2005.
106. LaGasse, L., Neal, A. R., & Lester, B.M. Assessment of Infant Cry: Acoustic Cry Analysis and Parental Perception. *Mental Retardation and Developmental Disabilities Research Reviews*, 11: 83-93, 2005.
107. Jones, H., Johnson, R., Jasinski, D., O'Grady, K., Chisholm, C., Choo, R., Crocetti, M., Dudas, R. Harrow, C., Huestis, M., Jansson, L., Lantz, M., Lester, B., Milio., L. Buprenorphine versus methadone in the treatment of pregnant opioid-dependent patients: effects o the neonatal abstinence syndrome. *Drug and Alcohol Dependence*, 79: 1-10, 2005.
108. Bauer, C.R. Langer, J.C., Shankaran, S., Bada, H.S., Lester, B., Wright, L.L., Krause-Steinrauf, H., Smeriglio, B.L., Finnegan, L.P., Maza, P.L., Verter, J. Acute neonatal effects of cocaine exposure during pregnancy; *Archives of Pediatrics and Adolescent Medicine*; 159:824-834, 2005.
109. Tronick, E.Z., Messinger, D.S., Weinberg, M.K., Lester, B., LaGasse, L., Seifer, R., Bauer, C.R., Shankaran, S., Bada, H., Wright, L.L., Poole, K., Liu, J. Cocaine exposure is associated with subtle compromises of infants' and mothers' social-emotional behavior and dyadic features of their interaction in the face-to-face still-face paradigm. *Dev. Psychol.* Sept;41(5):711-22, 2005.
110. Sheinkopf, S.J., Lester, B.M., LaGasse, L., Seifer, R., Bauer, C.R., Shankaran, S., Bada, H., Poole, K., Wright, L., Smeriglio, V. Interactions between maternal characteristics and neonatal behavior in the prediction of parenting stress and perception of infant temperament. *Journal of Pediatric Psychology* 2006, 31; (1): p. 27-40.

OTHER PUBLICATIONS

1. Klein, R.E., Lester, B.M., Yarbrough, C., & Habicht, J.P. Cross-cultural evaluation of human intelligence. In *Lipids, Malnutrition and the Developing Brain*, Amsterdam: Associated Scientific Publishers, 1972.
2. Klein, R.E., Lester, B.M., Yarbrough, C., & Habicht, J.P. On malnutrition and mental development: Some preliminary findings. In A. Chages, H. Bourg, & S. Basta (Eds.), *Nutrition*, 2, Switzerland: A. Karger Basel, 315-321, 1975.
3. Grossman, P., Lester, B.M., & Hoffman, S.L. An ethological approach to the study of childhood psychopathology. In *Handbook for Mental Health Professionals*, The Hague: National Health Organization of the Netherlands, 1976.
4. Lester, B.M. The consequences of infantile malnutrition. In H.E. Fitzgerald & J.P. McKinney (Eds.), *Studies in Human Development*, Illinois: Dorsey Press, 1977.
5. Lester, B.M. Behavioral estimates of CNS integrity in infantile malnutrition. In R. Smart & M. Smart (Eds.), *Readings in Child Development and Relationships*, New York: MacMillan Publishing Co., 1977; 1978.
6. Lester, B.M. Pediatric training for psychologists: A new baby. *Newsletter of the Society for Research in Child Development*, Spring, 1977; 1978.
7. Als, H., Tronick, E., Lester, B.M., & Brazelton, T.B. The Brazelton Neonatal Behavioral Assessment Scale (NBAS). In J. Osofsky (Ed.), *Handbook of Infant Development*, New York: John Wiley, 173-192, 1979.
8. Als, H., Lester, B.M., & Brazelton, T.B. Dynamics of the behavioral organization of the premature infant: A theoretical perspective. In T.M. Field, A.M. Sostek, S. Goldberg, &

- H.H. Shuman (Eds.), *Infants Born at Risk*, New York: Spectrum Publications, 173-192, 1979.
9. Lester, B.M. & Zeskind, P.S. The organization and assessment of crying in the infant at risk. In T.M. Field, A.M. Sostek, S. Goldberg, & H.H. Shuman, (Eds.), *Infants Born at Risk*, New York: Spectrum Publications, 121-144, 1979.
 10. Brazelton, T. B., Yogman, M., Als, H., & Lester, B.M. *Interazioni Madre - Padre Bambino*. Estratto da Atti del IV congresso biennale della Issbd - International Society for the Study of Behavioral Development, *Aspetti biosociali dello sviluppo*, Vol, 1: *Aspetti medicobiologici*, a cura di M. Cesa-Bianchi e M. Poli, Franco Angeli, Milano, 1979.
 11. Lester, B.M. Behavioral assessment of the neonate. In E. Sell (Ed.), *Follow-up of the High Risk Newborn: A Practical Approach*, Springfield, Illinois: Charles C. Thomas, 50-74, 1980.
 12. Lester, B.M. Issues in neonatal assessment. In E. Sell (Ed.) *Follow-up of the High Risk Newborn: A Practical Approach*, Springfield, Illinois: Charles C. Thomas, 291-294, 1980.
 13. Lester, B.M. & Brazelton, T.B. Cross-cultural assessment of neonatal behavior. In D. Wagner & H. Stevenson (Eds.), *Cultural Perspectives on Child Development*, San Francisco: W.H. Freeman & Co., 20-53, 1982.
 14. Lester, B.M. The continuity of change in neonatal behavior. In C.C. Brown (Ed.), *Infants at Risk: Assessment and Intervention*, Pediatric Roundtable #5, Johnson & Johnson Baby Products Company, 18-23, 1982.
 15. Lester, B.M. & Zeskind, P.S. A biobehavioral perspective on crying in early infancy. In H.E. Fitzgerald, B.M. Lester, & M.W. Yogman (Eds.), *Theory and Research in Behavioral Pediatrics, I*, New York: Plenum, 133-179, 1982.
 16. Als, H., Lester, B.M., & Brazelton, T.B. Towards a systematic assessment of the preterm infant's behavior. In H.E. Fitzgerald, B.M. Lester, & M.W. Yogman (Eds.), *Theory and Research in Behavioral Pediatrics, I*, New York: Plenum, 1982.
 17. Als, H., Lester, B.M., Tronick, E., & Brazelton, T.B. *Manual for the Assessment of Preterm Infants' Behavior (A.P.I.B.)*. In H.E. Fitzgerald, B.M. Lester, & M.W. Yogman (Eds.), *Theory and Research in Behavioral Pediatrics, I*, New York: Plenum, 65-132, 1982.
 18. Lester, B.M. A method for the study of change in neonatal behavior. In T.B. Brazelton & B.M. Lester (Eds.), *Infants at Risk: Toward Plasticity and Intervention*, New York: Elsevier, 1983.
 19. Lester, B.M., Garcia-Coll, C., & Sepkoski, C. A cross-cultural study of teenage pregnancy and neonatal behavior. In T. Field (Ed.), *Infants at Risk: Perceptual and Physical Processes*, 7, New York: Spectrum Publications, 147-169, 1983.
 20. Lester, B.M. Change and stability in neonatal behavior. In T.B. Brazelton & B.M. Lester (Eds.), *New Approaches to Developmental Screening of Infants*, New York: Elsevier, 51-75, 1983.
 21. Brazelton, T.B. & Lester, B.M. (Eds.). *New Approaches to Developmental Screening of Infants*, New York: Elsevier, 1983.
 22. Lester, B.M. Infant crying and the development of communication. In N. Fox & R. Davidson (Eds.), *Affective Development: A Psychobiological Perspective*, Hillsdale, NJ: Erlbaum Press, 231-258, 1984.
 23. Lester, B.M. A biosocial model of infant crying. In L. Lipsitt & C. Rovee-Collier, (Eds.), *Advances In Infant Research*, III, Norwood, N.J.: Ablex, 167-212, 1984.

24. Lester, B.M. The NBAS: Data analysis and prediction. In T.B. Brazelton (Ed.), Neonatal Behavioral Assessment Scale 2nd Edition, No. 88, Philadelphia: J.B. Lippincott Co. Spastics International Medical Publication. Clinics in Developmental Medicine, 85-96, 1984.
25. Lester, B.M. There's more to crying than meets the ear. Johnson & Johnson Baby Products Company, Child Care Newsletter, 2(2), 1-5, 1985.
26. Lester, B.M. & Boukydis, C.F. (Eds.), Infant Crying: Theoretical and Research Perspectives, New York: Plenum, 1985.
27. Lester, B.M. There's more to crying than meets the ear. In B.M. Lester & C.F.Z. Boukydis, (Eds.), Infant Crying: Theoretical and Research Perspectives, New York: Plenum Publishing Corp., 1-27, 1985.
28. Lester, B.M. Children in conflict: Report of a fact-finding trip to Honduras, El Salvador and Nicaragua. Newsletter of the Society For Research In Child Development, 1985.
29. Brazelton, T.B., Nugent, J., & Lester, B.M. Neonatal behavioral assessment scale. In J. Osofsky (Ed.), Handbook of Infant Development (2nd edition), New York: Wiley & Son, 780-817, 1987.
30. Boukydis, C.F.Z., Lester, B.M., & Hoffman, J. Parenting and social support networks in families of term and preterm infants. In C.F.Z. Boukydis (Ed.), Research on Support for Parents and Infants in the Postnatal Period, New York: Ablex, 61-83, 1988.
31. Lester, B.M. Neurobehavioral assessment of the infant at risk. In P. Vietze, (Ed.), Early Identification of the Infant at Risk, New York: Grune & Stratton, 96-120, 1988.
32. Fitzgerald, H.E., Lester, B. M., & Yogman, M. (Eds.), Theory and Research in Behavioral Pediatrics: A Biennial Series. Vol. I, 1982, Vol. II, 1984, Vol. III, 1986, Vol. IV, 1988, Vol. V, 2000, New York: Plenum.
33. Lester, B.M., Corwin, M., & Golub, H. Early detection of the infant at risk through cry analysis. In J. Newman (Ed.), The Physiological Control of Mammalian Vocalization, New York: Plenum, 395-412, 1988.
34. Nugent, J.K., Brazelton, T.B., & Lester, B. The Cultural Context of Infancy. New Jersey: Ablex Publishing Corp., 1988.
35. Nugent, J.K., Yogman, M., Lester, B.M., & Hoffman, J. The father's impact on infant development in the first critical year of life. In E.J. Nathony & C. Chiland (Eds.), The Child in His Family, 8, New York: Wiley and Sons, 117-142, 1988.
36. Lester, B.M., Anderson, L.T., Boukydis, C.F.Z., Garcia-Coll, C.T., Vohr, B., & Peucker, M. In N. Paul (Ed.), Early Detection of Infants at Risk for Later Handicap Through Acoustic Cry Analysis, BD:OAS 25(6), 99-118, New York: March of Dimes Birth Defects Foundation, 1989.
37. Lester, B.M., Boukydis, C.F.Z., McGrath, M., Censullo, M., Zahr, L., & Brazelton, T.B. Behavioral and psychophysiologic assessment of the preterm infant. In B.M. Lester & E. Tronick (Eds.), Stimulation and the Preterm Infant: The Limits of Plasticity, Clinics in Perinatology, 17(1), New York: Saunders, 155-172, 1990.
38. Lester, B.M. & Tronick, E. (Eds.), Stimulation and the Preterm Infant: The Limits of Plasticity, Clinics in Perinatology, New York: Saunders, 1990.
39. Lester, B.M. No language but a cry. In H. Papousek, J. Jurgens, & M. Papousek (Eds.), Nonverbal Vocal Communication: Comparative and Developmental Approaches, Cambridge, Eng.: Cambridge University Press, 41-69, 1990.
40. Lester, B.M. & Boukydis, C.F.Z. Keine Sprache, nur ein Schrei. In J.M. Pachler & H.M. Strassburg (Eds.), Der unrulige Saugling Hansisches Verlagshontor: Lubeck, 41-69, 1991.

41. Lester, B.M., McGrath, M.M., Garcia-Coll, C.T., Brem, F.S., Sullivan, M.C., & Mattis, S.B. (1994). Relationship between risk and protective factors, developmental outcome and the home environment at 4-years-of-age in term and preterm infants. In H. Fitzgerald, B.M. Lester, & B. Zuckerman (Eds.), *Children in Poverty: Research, Health Care, and Policy Issues*, New York: Garland Press, 197-227, 1994.
42. Lester, B.M., Freier, C., & LaGasse, L. Prenatal cocaine exposure and child outcome: What do we really know? In M. Lewis & M. Bendersky, (Eds.), *Cocaine Mothers and Cocaine Babies: The Role of Toxins in Development*, Hillsdale, NJ: Lawrence Erlbaum Associates, 19-39, 1995.
43. Fitzgerald, H.E., Lester, B.M., & Zuckerman, B. (Eds.). *Children of Poverty: Research, Health and Policy Issues*. New York: Garland Publishing, Inc., 1995.
44. Lester, B.M., Bigsby, R., High, P., & Wu, S. Principles of intervention for preterm infants in the NICU. 10th Canadian Ross Conference in Pediatrics, *Optimizing the Neonatal Intensive Care Environment*, 59-72, 1996.
45. Finnegan, L.P., Kaltenbach, K., Randall, S.R., Lester, B.M., Paltrow, L.M., & Mayes, L.C. The conflicts for parenting drug dependent women - What does research show us? NIDA Research Monograph, *Problems of Drug Dependence*, 162, 67-69, 1996.
46. Lester, B.M., Boukydis, C.F.Z., Meyer, E., & Fueyo, M. Family-based intervention for infants in the neonatal intensive care unit. 10th Canadian Ross Conference in Pediatrics, *Optimizing the Neonatal Intensive Care Environment*, 80-86, 1996.
47. Tronick, E.Z. & Lester, B.M. NICU Network Neurobehavioral Scale (NNS): A comprehensive instrument to assess substance-exposed and high-risk infants. In E.R. Rahdert (Ed.), *Treatment for Drug-Exposed Women and Their Children: Advances in Research Methodology*, NIDA Research Monograph Series, 166, 198-204, 1996.
48. Lester, B.M. Infant crying and development. *Brown University Child and Adolescent Behavior Letter*, 12(10), 1996.
49. Lester, B.M., LaGasse, L., Freier, C., & Brunner, S. Studies of cocaine-exposed human infants. In *Behavior of Drug Exposed Offspring: Research Update*, NIDA Monograph Series, 175-210, 1996.
50. Lester, B.M. Definition and diagnosis of colic. In B.M. Lester & R. Barr (Eds.), *Colic and Excessive Crying*. Report of the 105th Ross Conference on Pediatric Research. Columbus, Ohio: Ross Products Division, Abbott Laboratories, 18-29, 1997.
51. Lester, B.M., Freier, K., Boukydis, C.F.Z., Affleck, P., & Boris, N. Cocaine abuse and preserving infant-mother relationships: Barriers and solutions in the USA. *The Signal*, 5(1), 1-6, 1997.
52. Fitzgerald, H.E., Lester, B.M., & Zuckerman, B. (Eds.) *Children of Color: Research, Health, and Public Policy Issues*. New York: Garland Publishing, Inc., 1997.
53. Lester, B.M. Excessive crying and colic. In A. J. Alario (Ed.), *Practical Guide to the Care of the Pediatric Patient*, St. Louis: Mosby-Year Book, Inc., 521-523, 1997.
54. Lester, B.M. (Ed.) *Clinics in Perinatology: Prenatal Drug Exposure and Child Outcome*. Philadelphia: W.B. Saunders Company, 1999.
55. Boukydis, C.F.Z. & Lester, B.M. The NICU Network Neurobehavioral Scale: Clinical use with drug exposed infants and their mothers. *Clinics in Perinatology*, 26(1), 213-230, 1999.
56. LaGasse, L.L., Seifer, R., & Lester, B.M. Interpreting research on prenatal substance exposure in the context of multiple confounding factors. In B.M. Lester (Ed.), *Clinics in Perinatology*, 26(1), 39-54, 1999.

57. Lester, B.M., Boukydis, C.F.Z., & Towmey, J.E. Maternal substance abuse and child outcome. In C.H. Zeanah, Jr. (Ed.), *Handbook of Infant Mental Health*, 2nd Edition, New York: The Guilford Press, 161-175, 1999.
58. Lester, B.M. & Miller-Loncar, C.L. Biology versus environment in extremely low-birth weight infant. In E.R. Vohr (Ed.), *Clinics in Perinatology*, 27(2), 461-481, 2000.
59. Fitzgerald, H.E., Lester, B.M., & Zuckerman, B.S. (Eds.) *Children of Addictions: Research, Health and Policy Issues*. New York: Garland Publishing, Inc., 2000.
60. Lester, B.M., LaGasse, L., & Brunner, S. Data base of studies on prenatal cocaine exposure and child outcome. In H.E. Fitzgerald, B.M. Lester, & B.S. Zuckerman (Eds.), *Children of Addictions: Research, Health and Policy Issues*, New York: Garland Publishing, Inc., 487-499, 2000.
61. Zeskind, P.S., & Lester, B.M. Analysis of infant crying. In L. Singer & P.S. Zeskind (Eds.), *Biobehavioral Assessment of the Infant*, New York: Guilford Publication, 149-166, 2001.
62. Lester, B.M. & Tronick, E.Z. Behavioral Assessment Scales: The NICU Network Neurobehavioral Scale, the Neonatal Behavioral Assessment Scale, and the Assessment of the Preterm Infant's Behavior. In L. Singer & P.S. Zeskind (Eds.), *Biobehavioral Assessment of the Infant*, New York: Guilford Press, 363-380, 2001.
63. Lester, B.M. Is day care worse than cocaine? In *Brown University Child and Adolescent Behavior Letter*, 17(6), 8, 2001.
64. Bard, K.A., Platzman, K., Lester, B.M., & Suomi, S.J. Neurobehavioral integrity and emotions in chimpanzee and human neonates, *Enfance*, 3, 226-235, 2001.
65. Lester, B.M., Tronick, E.Z. (Eds.) *NICU Network Neurobehavioral Scale (NNS)*. Brookes Publishing Co., September 2004.
66. Salisbury, A., Yanni, P., LaGasse, L., Lester, B. 2004. Maternal-Fetal Psychobiology: A Very Early Look at Emotional Development. In *Emotional Development: Recent Research Advances*, J. Nadel, D. Muir, eds. Oxford University Press.
67. Lester, B.M. with Catherine O'Neill Grace. 2005. *Why is My Baby Crying?: The Parent's Survival Guide for Coping with Crying Problems and Colic*. B.M. Lester, eds. Barnes & Noble.
68. Lester, B., LaGasse, L., Smith, L., Derauf, C., Grant, P., Shah, R., Arria, A., Huestis, M., Liu, J. Prenatal Exposure to Methamphetamine and Child Development. *Proceedings of the Community Epidemiology Work Group, Vol. II, January 2005 Epidemiologic Trends in Drug Abuse—Panel on Methamphetamine Abuse*.
69. Lester, B., Arria, A., Derauf, C., Grant, P., LaGasse, L., Shah, R., Stewart, S., Wouldes, T. Methamphetamine Exposure: A Rural Early Intervention Challenge. *Journal of ZERO TO THREE: National Center for Infants, Toddlers, and Families*, 2006; 26(4):30-36