

### **ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS**

1. Bigsby, R. (1983). Reaching and asymmetrical tonic neck reflex in preterm and full-term infants. Physical and Occupational Therapy in Pediatrics, 3, 25-41.
2. Bigsby, R., Coster, W., Lester, B. M., Peucker, M. R. (1996). Motor behavioral cues of term and preterm infants at three months. Infant Behavior and Development, 19, 295-307.
3. Meyer, E. C., Lester, B. M., Boukydis, C. F. Z., & Bigsby, R. (1998). Family-based intervention with high-risk infants and their families. Journal of Clinical Psychology in Medical Settings; 5 (1),49-69.
4. Case-Smith, J., Bigsby, R., & Clutter, J. (1998). Perceptual motor coupling in the development of grasp. American Journal of Occupational Therapy, 52 (2), 102-110.
5. Lester, B. M., LaGasse, L. L., & Bigsby, R. (1998). Prenatal cocaine exposure and child development: What do we know and what do we do? Seminars in Speech and Language, 19 (2), 123-146.
6. Gorga, D., Anzalone, M., Holloway, E., Bigsby, R., Hunter, J., Strzyzewski, S., Vergara, E. (2000). Specialized knowledge and skills for occupational therapy practice in the neonatal intensive care unit. The American Journal of Occupational Therapy, 54, (6), 641-648.
7. Grenier, I.R ., Bigsby, R., Vergara, E. R, & Lester, B. M. (2003). Comparison of motor behaviors of preterm infants across positions. The American Journal of Occupational Therapy, 57, 289-297.
8. Boukydis CFZ, Bigsby R, Lester BM. (2004). Clinical Uses of the NNNS. In: Lester, BM & Tronick, EZ (Eds), The NICU Network Neurobehavioral Scale (NNNS). Pediatrics, 113. (3), 679-689.
9. DeSantis, A., Coster, W., Bigsby, R., & Lester, B. (2004). Colic and fussing in infancy and sensory processing at 3 - 8 years of age. Infant Mental Health, 25, 6, 522-539.
10. Miller-Loncar, C. L., Bigsby, R., High, P., Wallach, M, & Lester, B. (2005). Infant colic and feeding difficulties. Archives of Pediatrics & Adolescent Medicine, 89, 908-912.
11. 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., Bigsby, R., & Liu, J. (2005). Predictors of motor development in children prenatally exposed to cocaine. Neurotoxicology and Teratology, 27, 2, 213- 220.

### **OTHER PEER-REVIEWED PUBLICATIONS**

1. Bigsby, R. (1992). Motor behaviors as cues to physiological state in preterm infants: Application of sensory integration theory to occupational therapy practice with neonates. Monograph. In Proceedings of Symposium '92:Current Topics in Sensory Integration, Torrance, CA: Sensory Integration International.
2. Lester, B., Bigsby, R., High, P., & Wu, S. (1995). Principles of intervention for preterm infants in the NICU. In Optimizing the Neonatal Intensive Care Environment: Proceedings of the 10th Conference in Pediatrics, (pp. 59-72). Canadian Paediatric Society. Montreal: Abbott Laboratories, Limited.

3. Bigsby, R. (2002). Book review: The Premie Parents' Companion, by Susan L. Madden, Boston, MA, The Harvard common Press, 2000, 393 pp. Journal of Developmental & Behavioral Pediatrics, 23, 1, 59-60.
4. Lester, B. M., Bigsby, R., & Miller-Loncar, C. (2004). Infant massage: So where's the rub? Social Policy Report of the Society for Research in Child Development, 18, 1, 8.

### **BOOKS AND BOOK CHAPTERS**

1. Bigsby, R. (1998). Overview of infant and child developmental models. In M. Neistadt, & E. Crepeau (Eds.) Willard and Spackman's Occupational Therapy, 9th Edition, (pp. 543-545). Philadelphia: J. B. Lippincott Co.
2. Vohr, B. R., Cashore, W. J., Bigsby, R. (1999). Stresses and interventions in the neonatal intensive care unit. In M. D. Levine, W. B. Carey, & A. C. Crocker (Eds.) Developmental-Behavioral Pediatrics, 3rd Edition (pp. 263-275). Philadelphia: W. B. Saunders Co.
3. Case-Smith, J., & Bigsby, R. (2000). Posture and Fine Motor Assessment of Infants. San Antonio, TX: Psychological Corporation.
4. Case-Smith, J., & Bigsby, R. (2001). Motor assessment. In L. T. Singer & P. S. Zeskind (Eds.), Biobehavioral Assessment of the Infant (pp. 423-442). NY: The Guilford Press.
5. Bigsby, R. (2003). Overview of infant and child developmental models. In, E. B. Crepeau, E. S. Cohn & B. A. B. Schell (Eds.) Willard and Spackman's Occupational Therapy (10th ed., pp. 243-245), Philadelphia: Lippincott Williams and Wilkins.
6. Vergara, E., & Bigsby, R. (2004). Developmental and Therapeutic Interventions in the NICU. Baltimore: Paul H. Brookes.
7. Bigsby, R., Boukydis CFZ, LaGasse, L.L., Lester BM. (2005). Clinical Applications for the NNS. In: Lester, BM & Tronick, EZ (Eds), NICU Network Neurobehavioral Scale Manual. (pp. 85-182). Baltimore: Paul H. Brookes.

### **PUBLICATIONS SUBMITTED OR IN PREPARATION**

Bigsby, R., Lester, B. M., Seifer, R., Lagasse, L. L., Bauer, C. R., Shankaran, S., Bada, H. S., Wright, L. L., Smeriglio, V. L., Bigsby, R., & Liu, J. Posture and fine motor development at 4 months among infants prenatally exposed to cocaine. (In Preparation).

### **PRESENTATIONS - NATIONAL**

1. Bigsby, R. (1992). "Motor Behaviors As Cues to Physiological State in Preterm Infants" - Paper presented at Annual Conference, AOTA, Houston, TX.
2. Bigsby, R, Coster, W., Peucker, M.R., & Lester, B. M. (1994). Motor behaviors as cues to cardiorespiratory reactivity in full-term and preterm infants at three months corrected age. Poster presented at the 63rd Annual Meeting of The Society for Pediatric Research, Seattle, WA.
3. Bigsby, R., LaGasse, L.L., Garcia-Coll, C., Lester, B. M. (1995). Cardiorespiratory responses and temperament in preterm and full-term infants. Paper presented at the 64th Annual Meeting of The Society for Pediatric Research, San Diego, CA.

4. Bigsby, R., LaGasse, L. L. (1995). Affective and cardiorespiratory response during assessment of temperament in preterm and full-term infants. Paper presentation, Symposium for the Society for Research in Child Development; Indianapolis, Indiana.
5. Case-Smith, J., Bigsby, R. (1995). Reliability and validity of The Posture and Fine Motor Assessment of Infants, Versions I & II. Poster session, Symposium for the Society for Research in Child Development, Indianapolis, Indiana.
6. Bigsby, R. (1996). Self-regulatory behavior and cardiorespiratory reactivity at one and three months in term and preterm infants. Poster presented at the 65th Annual Meeting of The Society for Pediatric Research, Washington, D.C.
7. Bigsby, R., Case-Smith, J., Lester, B. M., Seifer, R., LaGasse, L. L., Bauer, C. R., Shankaran, S., Bada, H., Wright, L., Smeriglio, V., & Dryfoos, J. (2001). Prenatal drug exposure and motor development at 4 and 8 months. Poster presentation, Society for Research in Child Development, Minneapolis, MN.
8. Roy, I., Bigsby, R., Vergara, E. (2001). Relation between self-regulation and stress behaviors and position of preterm infants. Poster presentation, Society for Research in Child Development, Minneapolis, MN.
9. Bigsby, R. & Case-Smith, J. (2001). Posture and Fine Motor Assessment of Infants: Administration and scoring. Workshop presented at the Annual Conference of the American Occupational Therapy Association, Philadelphia, PA.

#### **PRESENTATIONS - INTERNATIONAL**

1. Bigsby, R. (1992). Motor behaviors as cues to physiological state: Indicators of approach and withdrawal in preterm infants. Paper presented at the Eighth International Conference on Infant Studies, Miami, FL, USA.
2. Bigsby, R. (1992). Motor behaviors as cues to physiological state in preterm infants. Paper presented at Sensory Integration International Symposium '92: Current Topics in Sensory Integration, Timonium, MD.
3. Bigsby, R. (1994). Self-regulatory motor behaviors and cardiorespiratory response in full-term and preterm infants. Paper presented at the Ninth International Conference on Infant Studies, Paris, France.
4. Bigsby, R. (1996). Self-regulatory behavior and cardiorespiratory reactivity at three months: Relations with behavior at one month. Paper presented at the 10th International Conference of Infant Studies, Providence, RI..
5. Kuecks-Morgan, R. & Bigsby, R. (1996). Ramifications of foster placement for substance-exposed infants. Poster presented at the 10th International Conference of Infant Studies, Providence, RI..
6. Bigsby, R., Case-Smith, J., Lester, B. (1998). Posture and fine motor assessment of substance exposed infants at eight months. Poster presented at the 11<sup>th</sup> International Conference of Infant Studies.
7. Bigsby, R., Lester, B. (1998). Self-regulatory behaviors and cardiorespiratory reactivity of very low birthweight preterm infants in the NICU. Poster presented at the 11<sup>th</sup> International Conference of Infant Studies.

