

## **Studies**

1. Howard, A.R., Nielsen, L., Parris, S.R., Lusk, R., Bush, K., Purvis, K.B., & Cross, D. R. (in press, 2015). Keeping adoptive families together: Predicting changes in parenting stress and child psychiatric behaviors from parental investment in a trauma-informed intervention. *Child Welfare*.

Key Findings: This study is a secondary analysis, using pre- and post-data from a clinical adoption preservation program. TBRI® training was provided to adoptive parents as a complementary intervention added to the normative treatment prescribed for the family. Based on post-data collected six months after treatment began, the adoptive children (n = 82) of these parents demonstrated significantly improved global functioning based on the Brief Psychiatric Rating Scale for Children (BPRS-C), and a significant decrease in psychiatric symptom levels based on the Child's Global Assessment Scale (CGAS). In addition, post-data showed that caregiver's stress levels as reported on the Parental Stress Scale (PSS) significantly decreased.

2. Purvis, K.B., Razuri, E. B., Howard, A.R., Call, C., DeLuna, J., Hall, J.S., & Cross, D. R. (2015). Decrease in behavioral problems and trauma symptoms among at-risk adopted children following trauma-informed parent training intervention. *Journal of Child & Adolescent Trauma*.

Retrieved at:

<http://www.tandfonline.com/doi/full/10.1080/23761407.2015.1014123#.Vc0ru4vWLLs>

Key Findings: Using a two-group, pre-post intervention design, the study evaluated the effectiveness of parent training utilizing Trust-Based Relational Intervention (n=96). Children of parents in the treatment group demonstrated significant decreases in behavioral problems on the Strengths and Difficulties Questionnaire and significant decreases in trauma symptoms on the Trauma Symptom Checklist for Children after intervention.

3. Parris, S.R., Dozier, M., Purvis, K.B., Whitney, C., Grisham, A., & Cross, D.R. (2015). Implementing Trust-Based Relational Intervention in a charter school at a residential facility for at-risk youth. *Contemporary School Psychology, 19(3)*, 157-164. doi: 10.1007/s40688-014-0033-7

Retrieved at: <http://link.springer.com/search?query=&search-within=journal&facet-journal-id=40688&package=openaccessarticles>

## TRUST-BASED RELATIONAL INTERVENTION® SUMMARY OF OUTCOMES

Key Findings: Number of incident reports for aggressive and disruptive behavior over a 2-year implementation of TBRI:

- a) After the first year of implementation, school data showed a 33% decrease in referrals for physical aggression or fighting with peers over a one-year period (35 in 2010-2011; 23 in 2011-2012).
  - b) After a two-year period of implementation, school data showed a 68% decrease in office referrals for physical aggression (35 in 2010-2011; 11 in 2012-2013); an 88% decrease in referrals for verbal aggression (116 in 2010-2011; 14 in 2012-2013); and a 95% decrease in referrals for disruptive behavior (751 in 2010-2011; 34 in 2012-2013). Overall there were 902 of these types of referrals combined in 2010-2011, and only 59 in 2012-2013, resulting in a 93.5% decrease in these types of incidents after the first two years of the implementation process.
4. Razuri, E. B., Howard, A.R., Call, C., DeLuna, J., Hall, J.S., Purvis, K.B., & Cross, D. R. (2015). Decrease in behavioral problems and trauma symptoms among at-risk adopted children following trauma-informed web-based trauma-informed parent training intervention. *Journal of Evidence-Informed Social Work*, 1-14.

Retrieved at:

<http://www.tandfonline.com/doi/abs/10.1080/23761407.2015.1014123#.Vcy-v4vWLLs>

Key Findings: Using a two-group, pre-post intervention design, the study evaluated the effectiveness of parent training utilizing Trust-Based Relational Intervention in an on-line format (n=256). Children of parents in the treatment group demonstrated significant decreases in behavioral problems on the Strengths and Difficulties Questionnaire and significant decreases in trauma symptoms on the Trauma Symptom Checklist for Children after intervention.

5. Parris, S.R., Milton, H.S., Harlow, J.G., Cross, D.R., & Purvis, K.B. (2015). The importance of addressing complex trauma in schools: Implementing Trust-Based Relational Intervention in an elementary school. *ENGAGE: An International Journal on Research and Practices in School Engagement* 1(2).

Retrieved at: <http://www.dropoutprevention.org/engage/the-importance-of-addressing-complex-trauma-in-schools-implementing-trust-based-relational-intervention-in-an-elementary-school-2/>

Key Findings: 18% decrease in incident reports and 23% decrease in the number of office referrals for the top ten most frequently referred students following TBRI implementation in an elementary school with an at-risk student population (p. 9).

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6. Purvis, K.B., Cross, D.R., Jones, D., & Buff, G. (2012). Transforming cultures of care: A case study in organizational change. *Reclaiming Children and Youth, Special Edition on Practice-Based Evidence, 21(2)*, 12-20.

Key Findings: Decreases in serious incident reports by 39% and containments by 60% after TBRI implementation in a group home setting providing transitional services for children ages 4 to 12 who can no longer live with their families (p. 14-15).

7. Purvis, K.B., Parris, S.R., Razuri, E.B., Cross, D.R., Herbert, A.M., Reed, K.L., & Terry, T. (2011). Adopted children's emotion recognition abilities. In Rosman, E.A., Johnson, C.E., & Callahan, N.M. (Eds), *Adoption Factbook V* (pp. 485-489). Alexandria, VA: National Council for Adoption.

Key Findings: Significant increases in emotion recognition abilities on the same/different task for adopted children from pre-intervention to post-intervention (p. 486-487).

8. Purvis, K.B. & Cross, D. R. (2010). Facilitating behavioral change in adopted children suffering from sensory processing disorder. In Atwood, T.C., Allen, L.A., Ravenel, V.C., & Callahan, N.F. (Eds.), *Adoption Factbook IV* (pp. 375-379). Alexandria, VA: National Council for Adoption.

Key Findings: Increases in displaying spontaneous affection (60%), other positive behaviors (60%), seeking proximity (50%), awareness of own behaviors, thoughts, and actions (50%), eye contact (40%), vocabulary (40%), and empathy (30%) for adopted children from pre-intervention to post-intervention on parent interviews (p. 377).

9. Purvis, K.B., Cross, D. R., Federici, R., Johnson, D., & McKenzie, L.B. (2007). The Hope Connection: A therapeutic summer day camp for adopted and at-risk children with special socio-emotional needs. *Adoption & Fostering, 31(4)*, 38-48.

Retrieved at: <http://aaf.sagepub.com/content/31/4/38.refs>

Key Findings: Significant decreases in thought problems, attention problems, aggressive behavior, and other problems for adopted children from pre-intervention to post-intervention (p. 44-45). Significant increase in positive attachment behaviors and a significant decrease in negative attachment behaviors on the Beechbrook Attachment Disorder Checklist for adopted children from pre-intervention to post-intervention (p. 44-45). A significant decrease in attachment disturbance on the Randolph Attachment Disorder Questionnaire for adopted children from pre-intervention to post-intervention (p. 45). Significant increase in positive scores and a significant decrease in negative scores on Family Drawings for adopted children from pre-intervention to post-intervention (p. 45).

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10. Purvis, K.B. & Cross, D.R. (2006). Improvements in salivary cortisol, depression, and representations of family relationships in at-risk adopted children utilizing a short-term therapeutic intervention. *Adoption Quarterly*, 10(1), 25-43.

Retrieved at:

[http://www.tandfonline.com/doi/abs/10.1300/J145v10n01\\_02#.VczB4IvWLLs](http://www.tandfonline.com/doi/abs/10.1300/J145v10n01_02#.VczB4IvWLLs)

Key Findings: Significant decreases in salivary cortisol levels during the intervention for adopted children (p. 34-35). Significant decreases on the Child Depression Inventory total score, negative mood score, and interpersonal relationships score for adopted children from pre-intervention to post-intervention (p.35). Significant decreases in proximity from child to mother and from child to father on Family Drawing scores for adopted children from pre-intervention to post-intervention (p. 35-36).

### **Supplementary Papers**

1. Howard, A.R.H., Parris, S., Hall, J.S., Call, C.D., Razuri, E.B., Purvis, K.B., & Cross, D.R. (in press, 2015). An examination of the relationships between professional quality of life, adverse childhood experiences, resilience, and work environment in a sample of child welfare professionals. *Children and Youth Services Review*.
2. Purvis, K.B., McKenzie, L.B., Becker Razuri, E., Cross, D.R., & Buckwalter, K. (2014). A trust-based intervention for complex developmental trauma: A case study from a residential treatment center. *Child & Adolescent Social Work, 31(4)*, 355-368.
3. Purvis, K.B., McKenzie, L.B., & Cross, D.R. (2014). A trust-based home intervention for special needs adopted children: A case study. *Journal of Aggression, Maltreatment, & Trauma, 23*, 633-651.
4. Purvis, K.B., Cross, D.R., Dansereau, D.F., & Parris, S.R. (2013). Trust-based relational intervention (TBRI): A systematic approach to complex developmental trauma. *Child & Youth Services, 34(4)*, 1-28.
5. Purvis, K.B., McKenzie, L.B., Cross, D.R., & Razuri, E.B. (2013). A spontaneous emergence of attachment behavior in at-risk children and a correlation with sensory deficits. *Journal of Child and Adolescent Psychiatric Nursing, 26*, 165-172.
6. Purvis, K.B., Parris, S.R., & Cross, D.R. (2011). Trust-based relational intervention: Principles and practices. In Rosman, E.A., Johnson, C.E., & Callahan, N.M. (Eds), *Adoption Factbook V* (pp. 485-489). Alexandria, VA: National Council for Adoption.
7. Purvis, K.B., Mittie, S.K., Kellerman, G., & Cross, D.R. (2011). Neurotransmitter levels in at-risk adopted children. In Rosman, E.A., Johnson, C.E., & Callahan, N.M. (Eds), *Adoption Factbook V* (pp. 485-489). Alexandria, VA: National Council for Adoption.
8. Purvis, K.B., Mittie, S.K., Cross, D.R., & Reed, K.L. (2011). Parents' reports of their international adoption experience. In Rosman, E.A., Johnson, C.E., & Callahan, N.M. (Eds), *Adoption Factbook V* (pp. 485-489). Alexandria, VA: National Council for Adoption.
9. Cross, D.R., Kellerman, G., McKenzie, L.B., Purvis, K.B., Hill, G.J., & Huisman, H. (2010). A randomized targeted amino acid therapy with behaviourally at-risk adopted children. *Child: Care, Health, and Development, 37(5)*, 671-678.
10. Purvis, K.B., McKenzie, L.B., Kellermann, G., & Cross, D.R. (2010). An attachment based approach to child custody evaluation: A case study. *Journal of Child Custody, 7*, 45-60.

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11. Purvis, K.B., Cross, D.R., & Pennings, J.S. (2009). Trust-based relational intervention: Interactive principles for adopted children with special social-emotional needs. *Journal of Humanistic Counseling, Education, and Development*, 48, 3-22.
12. Purvis, K.B., Cross, D.R., & Pennings, J.S. (2007). International adoption of post-institutionalized children: Implications for school counselors. *Journal of School Counseling*, 5(22).
13. Purvis, K.B., Cross, D.R., & Sunshine, W. (2007). *The connected child: Bring hope and healing to your adoptive family*. New York, NY: McGraw-Hill.
14. Purvis, K.B. & Cross, D.R. (July/Aug 2006). Six words for adoptive parents to live by: Be compassionate, be firm, be proactive. *Fostering Families Today*.
15. Purvis, K.B. & Cross, D.R. (Nov/Dec 2006). Caught between the amygdala and a hard place. *Fostering Families Today*.
16. Purvis, K.B. & Cross, D.R. (April 2005). Creating safe places for our children. *Fostering Families Today*.
17. Herbert, A.M., Purvis, K.B., & Cross, D.R. (2004). Facial expression recognition in a sample of neglected children (Abstract). *Journal of Vision*, 4(11), 55. doi: 10.1167/4.11.55
18. Purvis, K. B. (2003). Correlates of behavioral change in a sample of at-risk adopted children: A preliminary study. Texas Christian University). ProQuest Dissertations and Theses, 112-112 p. Retrieved from <http://ezproxy.tcu.edu/docview/305297044?accountid=7090>. (305297044).