



Dorothy Brooten, PhD, RN, FAAN

NURSING – PHD IN NURSING PROGRAM

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EDUCATION

- Ph.D. in Nursing, University of Pennsylvania, PA
- M.S.N., University of Pennsylvania, PA
- B.S.N., University of Pennsylvania, PA

AREA(S) OF SPECIALTY

Maternal Child Health & Research: My program of research focused on development and testing of the Quality Cost Model of Advanced Practice Nurse (APN) Transitional Care. The Model was first tested with VLBW infants and later with women with high risk pregnancies, women with hysterectomy surgery, and elders with cardiac and common DRG diagnoses. The model, developed in 1981, was designed initially to discharge high risk, high cost, high volume groups of patients early from the hospital by substituting a portion of hospitalization with a comprehensive program of home follow-up care by APN nurse specialists. When this body of work was concluding, I refocused my research on children, heading a study on asthma prevention with Hispanic youth and joined my research with that of Dr. Youngblut whose research focuses on critically ill children and their families. We are conducting 3 NIH-funded studies in English and Spanish on health and functioning of parents, grandparents and siblings after a child's death. I have served as research consultant on maternal and child mortality and morbidity for ministries of health and universities in Africa, Asia, South America, Canada, and Europe. I have been PI on one P01, and PI or Co-PI on 6 NIH funded R01s, PI on 3 private foundation funded grants, and a co-investigator on 8 NIH and private foundation research grants. Study results have been disseminated in over 137 peer reviewed publications including The New England Journal of Medicine, Annals of Internal Medicine, Obstetrics & Gynecology, JAMA, Journal of Nursing Scholarship, Nursing Research, and Research in Nursing & Health among others. As a result of this work, I was elected to membership in the Institute of Medicine of the National Academy of Sciences and the American Academy of Nursing.

RESEARCH/SCHOLARSHIP

Funded Research:

- "Children's responses to death of a sibling in the PICU/NICU in 3 racial/ethnic groups." J. Youngblut & D. Brooten, Principal Investigators. W. Silverman & T. Niyonsenga, G.P. Cantwell, T. del Moral, D. Kinard, B. Acevedo, L. MacIntyre, G. Lavandoski, Co-investigators. National Institute of Nursing Research, NIH, R01 NR012675. Total costs: \$2,540,126. 9/30/10 – 6/30/15.
- "Death in the PICU/NICU: Parent & family functioning." J. Youngblut, PI. D. Brooten, Co-PI. M. De La Rosa, T. Niyonsenga, B.D. Chandler, B. Totapally, G.P. Cantwell, T. del Moral, D. Kinard, B. Acevedo, L. MacIntyre, G. Lavandoski, Co-investigators. National Institute of Nursing Research, NIH, R01 NR009120. Total costs: \$2,150,000. 9/5/06 – 6/30/12.
- "Spiritual coping strategies." Research supplement to promote diversity in health-related research. National Institute of Nursing Research, NIH, 3R01 NR009120-S1, J. Youngblut, PI. D. Brooten, Co-PI. To support PhD student Dawn Hawthorne, MSN, CCRN. Total costs: \$156,741. 8/2/08 – 6/30/12.
- "Grandchild death: Grandparent health & functioning." J. Youngblut, PI. D. Brooten, Co-PI. K. Blais & T. Niyonsenga, Co-investigators. National Institute of General Medical Sciences, NIH, MBRS SCORE Individual Research Subproject S06 GM008205. Total direct costs: \$366,209. 4/1/06 – 3/31/09.
- "Healthy children, healthy homes." D. Brooten & J. Youngblut, Co-PIs. S. Lobar, L. Hernandez, & M. Jorda, Co-investigators. SC Johnson through Research Triangle Institute (phases I - III), Booz Allen Hamilton (phase IV), and Abt Associates (phase V & VI). Total costs: Phase I – \$20,000. Phase II – \$90,000. Phase III – \$177,000. Phase IV – \$65,000. Phase V – \$80,000. Phase VI – \$60,000. 2002 – 2007.
- "High risk pregnancy, health problems, APN interventions." National Institute of General Medical Sciences, NIH, MBRS SCORE Individual Research Subproject S06 GM008205-210029. D. Brooten, PI. J. Youngblut, M. Hamilton, Co-Investigators. Total Direct Costs: \$579,579. 2004-2007.

Selected Publications:

- **Brooten, D.**, Youngblut, J., Hannan, J., *Guido-Sanz, F.*, Neff, D.F. (2011) Pregnant women with diabetes: Health problems, APN interventions in 2 types of transitional care. (in review).
- **Brooten, D.**, Youngblut, J. Deosires, W, *Singhala, K, Guido-Sanz, F.* (2011) Measuring the effectiveness of advanced practice nurses: Global considerations. (in review).
- **Brooten, D.**, Youngblut, J.M., Golembeski, S., Magnus, M., Hannan, J. (2011) Perceived weight gain, risk, and nutrition in pregnancy in 5 racial groups. (in review)
- *Hawthorne, D.*, Youngblut, J.M., & **Brooten, D.** (2011). Psychometric evaluation of the Spanish and English versions of the spiritual coping strategies scale. Journal of Nursing Measurement, 19(1), 46-54. PMID: in process.
- Youngblut, J.M., **Brooten, D.**, Blais, K., Hannan, J., & Niyonsenga, T. (2010). Grandparent health and functioning after a grandchild's death. Journal of Pediatric Nursing, 25, 352-359.
- **Brooten, D.**, Youngblut, J.M., Royal, S., Cohn, S., Lobar, S.L., & Hernandez, L. (2008). Outcomes of an asthma program: Healthy Children, Healthy Homes. Pediatric Nursing, 34, 448-455.

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- Youngblut, J.M. & **Brooten, D.** (2008). Mother's mental health, mother-child relationship, and family functioning 3 months after a preschooler's head injury. *Journal of Head Trauma Rehabilitation*, 23, 92-102. PMID: PMC2442865.
- **Brooten, D.**, Youngblut, J.M., Donahue, D., *Hannan, J.*, & Hamilton, M. (2007). Women with High-Risk Pregnancies, Problems, and APN Interventions. *Journal of Nursing Scholarship* 39(4), 349-357.
- **Brooten, D.**, & Youngblut, J.M. (2006). Nurse dose as a concept. *Journal of Nursing Scholarship*.38,(1), 94-99
- Youngblut, J.M., & **Brooten, D.** (2006). Pediatric head trauma: Parent, parent-child and family functioning 2 weeks after hospital discharge. *Journal of Pediatric Psychology*, 31, 608-618. PMID: PMC2424404.
- Youngblut, J.M., **Brooten, D.**, & Menzies, V. (2006). Psychometric properties of Spanish versions of the FACES II and Dyadic Adjustment Scale. *Journal of Nursing Measurement*, 14, 181-189.
- Lobar, S.L., Youngblut, J.M., & **Brooten, D.** (2006). Cross-cultural beliefs, ceremonies, and rituals surrounding death of a loved one. *Pediatric Nursing*, 32, 44-50.
- **Brooten, D.**, Youngblut, J. M. (2005), South Florida: A national microcosm of diversity and health disparities. *Journal of Cultural Diversity*, 12 (4), 136-144.
- **Brooten, D.**, Youngblut, J., Blais, K., Donahue, D., *Cruz, I.*, & *Lightbourne, M.* (2005). APN physician collaboration in caring for women with high risk pregnancies. *Journal of Nursing Scholarship*, 37, 178-184.
- *Herrera-Perdigon, J.*, *Hopkins, E.*, *Marcalle, M.*, **Brooten, D.**, Youngblut, J.M., & Lizardo, L. (2005). Weight gain in high risk pregnant women: Comparison by primary diagnosis and type of care. *Clinical Excellence for Nurse Practitioners*9 (4), 195-201.
- Youngblut, J.M., **Brooten, D.**, & Kuluz, J. (2005). Parent reactions at 24-48 hrs after a preschool child's head injury. *Pediatric Critical Care Medicine*, 6, 550-556. PMID: PMC2614927.
- *Cuevas, K.*, *Silver, D.*, **Brooten, D.**, Youngblut, J.M., & Bobo, C. (2005). Comparison of hospital charges at birth, rehospitalizations, and acute care for fullterm, preterm, and low birthweight infants over the first year of life. *American Journal of Nursing*, 105, 56-64.
- **Brooten, D.**, Youngblut, J.M., Kutcher, J., & Bobo, C. (2004). Quality indicators & workforce: Advanced practice, outcomes, cost and dose effect. *Nursing Outlook*, 52, 45-52.
- Naylor, M., **Brooten, D.**, Campbell, R.L., Maislin, G., McCauley, K., & Schwartz, J.S. (2004). Transitional care of older adults hospitalized with heart failure: A randomized clinical trial. *Journal of the American Geriatrics Society*, 52, 675-684.
- **Brooten, D.**, Naylor, M.D., York, R., Brown, L.P., Munro, B.H., Hollingsworth, A.O., Cohen, S.M., Finkler, S., Deatrck, J., & Youngblut, J.M. (2002). Lessons learned from testing the quality cost model of advanced practice nursing (APN) transitional care. *Journal of Nursing Scholarship*, 34, 369-375.

INTERESTS & PROFESSIONAL ACTIVITIES

- Professional: Sigma Theta Tau International; Sigma Xi; Institute of Medicine, National Academy of Sciences; Southern nursing research Society
- Personal: Growing orchids
- Manuscript Reviewer/ Board: Editorial Board of the *Journal of Science, Technology, and Humanities* published by Burapha University, Thailand; Editorial Board of the *Thai Journal of Nursing Research*; Reviewer, *Journal of Psychomatic Research*; *American Journal of Nursing*; *International Journal for Quality in Health Care*; *Controlled Clinical Trials*; *Pediatrics*; *JOGNN*.
- Research Grant Review Panels: ad hoc panels for NIH; Research grant reviews for research bodies in Hong Kong, Canada, Ireland.

HONORS & AWARDS

Elected member, Institute of Medicine, National Academy of Sciences; Elected Fellow, American Academy of Nursing; Pennsylvania State Nurses Association Nursing Research Award; American Nurses Foundation Distinguished Contribution to Nursing Science Award; American Nurses Association Council on Maternal Child Nursing, Maternal Child Nurse of the Year Award; Nurse Scientist of the Year, American Nurses Association, Council of Nurse Researchers; Elected Sigma Theta Tau; Elected member Pi Lambda Theta; Outstanding Alumni Award, Society of the Alumni, School of Nursing, University of Pennsylvania; Episteme Laureate, Baxter Foundation Episteme Award, Sigma Theta Tau International; Outstanding Nurse Researcher Cameo Award, Sigma Theta Tau International; Distinguished Research Lecturer Award, American Association of Critical Care Nurses; Alumna of the Year, Medical College of Pennsylvania & Hahnemann Univ. School of Nursing; Honora Causa, State University of New York, Doctor of Science; Elizabeth McWilliams Miller Founders Award for Excellence in Research, Sigma Theta Tau Int'l; Jessie M. Scott Award, American Nurses Association; Honora Causa, Medical College of Ohio, Doctor of Science; Honor a Researcher Award, Childbearing research section, Midwest Nursing Research Society; Best of Journal of Nursing Scholarship Award: Health Policy and Systems, Sigma Theta Tau Int; Elected, Nursing Researcher Hall of Fame.

FAVORITE QUOTES

"Facts are for books, the mind is for something more important." – *Albert Einstein*

"No one can make you feel inferior unless you give them your permission." – *Eleanor Roosevelt*

**Be Worlds
Ahead**