

Scott W. Powers, PhD, ABPP

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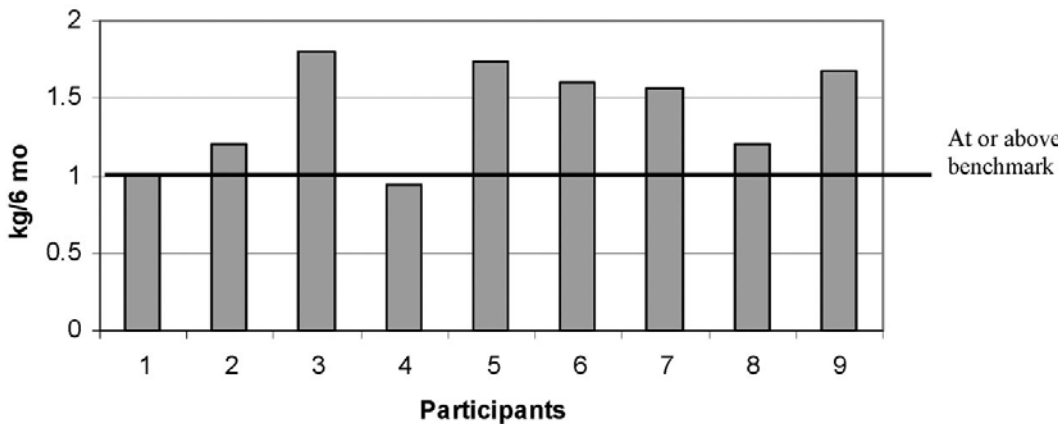
Description of Research:

Dr. Powers' research program is in the area of dietary adherence in young children with chronic illnesses, particularly cystic fibrosis, children at risk of obesity, and type 1 diabetes. Current studies in child behavior and nutrition focus on testing behavioral and nutrition interventions to improve dietary adherence, health outcomes and quality of life for toddlers and preschoolers with cystic fibrosis; investigating barriers to dietary adherence in young children (under age 7) with type 1 diabetes using behavioral assessment techniques; and investigating challenges to implementing nutrition and physical activity interventions for prevention and treatment of obesity in young children at risk (under age 5, with a focus on African American families) who participate in the Supplemental Program for low income Women, Infants, and Children (WIC). A major focus of Dr. Powers is to translate behavioral science into efficacious and effective interventions that improve nutritional and health outcomes for children.

Collaborations:

Dr. Powers collaborates with Drs. Benoit, Saelens, Seeley, Woods, and Zeller on the Behavioral Assay Core for the Obesity Center. As a new member, Dr. Powers has not used DHC cores.

Representative Figure:



Weight velocity for participants from pretreatment to 3-month follow-up with a comparison with the 2000 CDC 50th percentile for normal growth. Benchmark = 1.0 kg/6 months. Fig. 2 from Pediatrics, 2005; 116:1442-1450.