

Shane Fernando, PhD
Texas College of Osteopathic Medicine
Pediatrics
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Area of Expertise

Dr. Fernando is an Assistant Professor of Pediatrics with training in epidemiology. His community-based research is largely focused on the impact of health disparities in children and teens across various cultural, gender, and socioeconomic parameters. Dr. Fernando has extensively studied body types and other risk factors for children and teens with early-onset type 2 diabetes mellitus. Most recently, he initiated studies examining new ways to improve health literacy by delivering relevant and sound nutrition, asthma, and obesity prevention education to low-income disparate populations in Fort Worth through the use of the new Pediatric Mobile Clinic.

Qualifications

PhD in Epidemiology, UNT Health Science Center
MS in Epidemiology, University of Massachusetts Amherst
BS in Biology, University of Massachusetts Amherst

Publications

How often parents make decisions with their children is associated with obesity

Rahman, A., Fulda, K. G., Franks, S. F., Fernando, S. I., Habiba, N. & Muzaffar, O., 25 Sep 2018, In : BMC Pediatrics. 18 , 1, 311.

Liver Biomarkers and Lipid Profiles in Mexican and Mexican-American 10- to 14-Year-Old Adolescents at Risk for Type 2 Diabetes

Fernández-Gaxiola, A. C., Valdés-Ramos, R., Fulda, K. G., López, A. L. G., Martínez-Carrillo, B. E., Franks, S. F. & Fernando, S., 1 Jan 2017, In : Journal of Diabetes Research. 2017, 4262536.

Correlation of Lipid Profile and Risk of Developing Type 2 Diabetes Mellitus in 10-14 Year Old Children

Habiba, N. M., Fulda, K. G., Basha, R., Shah, D., Fernando, S., Nguyen, B., Xiong, Y., Franks, S. F., Matches, S. J., Magie, R. D. & Bowman, W. P., 1 Nov 2016, In : Cellular Physiology and Biochemistry. 39, 5, p. 1695-1704 10 p.

Sponsored Projects

Changes in Risk for Type 2 Diabetes among Mexican American Adolescents

Fulda, K., Franks, S., Ebert-Blackburn, D. & Fernando, S.
Texas Academy of Family Physicians Found
1/04/15 → 31/03/16

Increasing Awareness of Cardiovascular and Diabetes Risk among High School Blood Donors

Fulda, K., Franks, S., Fernando, S. & Walters, S.
Carter BloodCare Foundation
1/10/13 → 30/09/14

Physical Activity in School: Attitudes and Behaviors Among Children At Risk for Type 2 Diabetes Mellitus

Fernando, S.
Intramural Research(UNTHSC)
1/10/14 → 30/09/15

Stress and Hypertension as Risk Factors for Type 2 Diabetes Mellitus in Mexican and Mexican-American Children between Ages 10-14 Years

Fernando, S.
Intramural Research(UNTHSC)
1/06/14 → 31/07/16

