## Factors Affecting School Walking Decisions in an Urban Environment: Implications for Public Policy and Public Health

Marla B. Royne, University of Memphis<sup>1</sup> Marian Levy, University of Memphis<sup>2</sup> Stephanie Ivey, University of Memphis<sup>3</sup> Susan Roakes, University of Memphis<sup>4</sup>

Thirty years ago, almost half of the children in the United States walked or rode their bikes to school. Today, less than 15% of children actively commute to school. Given the growing obesity epidemic in our country, encouraging children to walk or bike to school has become a national priority. To provide a safe environment for children to walk and bicycle to school, in 2005, legislation established the national Safe Routes to School (SRTS) Program. This paper reports the results of a parent survey in an urban neighborhood where an SRTS grant had been awarded to the neighborhood school, but construction had not yet been implemented. Results of the study reveal that parents from a low income, urban neighborhood cite crime and animals as the key barriers in allowing their children to actively commute to school. These findings differ from national statistics that indicate distance as the most significant barrier to walking to school. Implications of these findings are discussed.

<sup>&</sup>lt;sup>1</sup>Marla B. Royne, First Tennessee Professor and Chair, Department of Marketing & Supply Chain Management, Fogelman College of Business & Economics, University of Memphis, Memphis, TN. Phone: (901) 678-2499. Email: mstaffrd@memphis.edu.

<sup>&</sup>lt;sup>2</sup>Marian Levy, Associate Professor and Director, Master of Public Health Program, University of Memphis, 203 Robison Hall, Memphis, TN. Phone: (901) 678-4514. Email: mlevy@memphis.edu.

<sup>&</sup>lt;sup>3</sup>Stephanie S. Ivey, A2H Fellow, Associate Professor, Department of Civil Engineering, 3815 Central Avenue, Engineering Science, Room 108B, Memphis, TN. Phone: (901-678-3286). Email: ssalyers@memphis.edu.

<sup>&</sup>lt;sup>4</sup>Susan L. Roakes, Associate Professor, Graduate Program in City and Regional Planning, 208 McCord Hall, University of Memphis, Memphis, TN. Phone: (901) 678-4560. Email: sroakes@memphis.edu.