

KIRKHOF CENTER 2201

*An Exploratory Study of the Relationship Between Traffic Tickets and Traffic Accidents in Michigan*

Presenter: Joshua Cudney

An Exploratory Study of the Relationship between Traffic Tickets and Traffic Accidents in Michigan Joshua Cudney Geographic Information System (GIS) technology is a powerful tool for displaying and analyzing a wide variety of crime data at various geographic scales. The purpose of this research is to explore the relationships between traffic accidents and traffic tickets and the effects of various variables such as weather, location, and time on the severity of traffic accidents and traffic tickets. Data on traffic tickets and traffic accidents will be obtained from a variety of sources. GIS techniques are then used to display and analyze the relationship between the key variables. The results from this research may be used by law enforcement to lower accident rates in high accident areas.