#### TABLE OF CONTENTS

## ORGANIZING A FIELD DATA COLLECTION RUN

SELECTING YOUR TEAM

PLAN IN ADVANCE

PRE-DATA RUN BRIEFING

PACKET REQUIREMENTS FOR THE RUN

DAY OF THE DATA RUN

POST-DATA RUN BRIFFING

### **CREATING A CODEBOOK**

## **CREATING A DATABASE**

### **EXAMINING DATA**

STEP 1: DEVELOP METADATA FOR THE PROJECT

STEP 2: MAKING PREDICTIONS

STEP 3: SELECTING THE APPROPRIATE STATISTIC

Univariate Analysis

Discrete Variables

Continuous Variables

Bivariate Analysis

Multivariate Analysis

STEP 4: CREATING TABLES AND/OR GRAPHICS

#### MAPPING BASICS

MAPPING CONVENTIONS

Cartographic Principles

Magnitude and Quality

Background

Symbols/Markers

Typography

Labels

### MAP ELEMENTS

Legend

Scale

**Directional Indicators** 

Title

Text/Interpretation

Source Information/Metadata

Insets

**Neatlines** 

### **GENERAL MAPPING TIPS**

Cartographic Design Considerations

Map Composition

# CENTER FOR CRIMINAL JUSTICE RESEARCH

California State University, San Bernardino September 2004

# TABLE OF CONTENTS

# GEOGRAPHIC RESOURCES

Data

ArcView/ArcGIS Cartography Crime Mapping

# **POWERPOINT PRESENTATIONS**

GENERAL TIPS
GRAPHICS AND COLORS

**INSTITUTIONAL REVIEW BOARD (IRB) APPROVAL** 

**GRANT WRITING**