

## Description of Services

### Grant Proposal Writing

A strong grant proposal increases the chances of your project being successfully funded. Abacus Research can help you write your proposal's method sections, including research design, sample selection, analytic plan, and power analysis.

**Research design.** *A study design includes your research questions, sampling plans, assessment timing, data collection procedures, etc. We can help you plan your study for a variety of designs, such as experimental, quasi-experimental, and observational (correlational).*

**Analytic plan & power analysis.** *An analytic plan describes the statistical analysis that best addresses the research questions. The power analysis determines the proper sample size, given the study's analytic plan. We are familiar with a wide range of statistical models and their respective power analyses.*

### Data Collection

The proper data collection plan and instruments can save time and money by increasing participation rates and reducing errors. Abacus Research can create instruments, administer assessments through multiple methods, and create a database to manage the collected data.

#### Survey Instruments

- **Scannable Documents.** *Paper instruments for mailing or in-person collection, formatted so that the results are scanned and entered into a database automatically.*
- **Web-Based.** *Interactive survey instruments that are accessible via an open hyperlink or a specific link emailed to each participant. Results are encrypted and protected for security purposes.*
- **Computer-Assisted Telephone Interviewing (CATI) with skip logic.** *Software designed to assist trained interviewers conduct surveys over the phone.*
- **Backwards/Forwards Spanish Translation.** *Translation for Spanish-English or English-Spanish for survey instruments and interviewing.*

#### Participant Assessment

- **Sample Selection** *Simple random selections • Stratified random samples*
- **Multiple Methods** *Phone Interviews • Online Surveys • Mailed Surveys • On-site Interviews*

**Database Creation.** *Create a web-based or stand-alone database designed to collect and manage your data.*

### Data Processing

Abacus Research can enter, score, summarize, and document the data that you have collected in an efficient, accurate, and secure manner.

**Data entry.** *Convert collected data into a format ready for analysis.*

**Data scoring.** *Develop scale scores for use in analysis.*

**Data summaries.** *Create descriptive tables or charts summarizing the collected data.*

**Documentation.** *Construct a guide of instruments, variable names, value labels, and scale scores.*

### Data Analysis

Data Analysis is the foundation for Abacus Research's business, and it's our primary area of expertise. Valid and meaningful study results can only be achieved through the application, and interpretation, of appropriate and accurate analysis. Extensive experience with an array of statistical methods, from basic descriptive analysis to complex modeling, insures that the ideal method will be applied to your project.

### Report Writing

Abacus Research can provide reports based on the specific needs of your project.

**Progress reports.** *Interim or annual reports designed to communicate participation rates, demographic profiles, etc. for reporting to funding agencies.*

**Method and results sections for manuscripts.** *Submission-ready text for peer-reviewed journals or other professional outlets.*

**Presentations.** *Prepare slides, charts, and graphs for your presentations.*

**Technical Reports.** *Provide text and tables that meet the requirements of your technical reports.*