

# THE BDMC MAKES A SIGNIFICANT DIFFERENCE

## BIostatISTICS SERVICES

- Free initial statistical consultation
- Statistical support for grant applications, posters, abstracts, and manuscripts
- Sample size and power calculations, and randomization
- Statistical analysis (planning, creation of analytic datasets (e.g., SAS), data analysis, and report writing)
- Study design and implementation

## DATA MANAGEMENT SERVICES

- Free initial data management consultation
- Protocol and external data review and integration
- Database design, development, maintenance, and data entry using software tools such as REDCap and Medidata Rave
- Data collection tool design, document imaging, and medical coding using standardized dictionaries
- Data validation (edit check programming and query resolution)
- Creation of reports to track metrics (e.g., enrollment, missing forms, and missing data)

## WANT TO LEARN MORE? CONTACT US!

**PHONE:** 267-426-7201

**EMAIL:** [SprouseL@email.chop.edu](mailto:SprouseL@email.chop.edu)

**WEBSITE:** <https://corelabs.research.chop.edu/biostatistics-data-management>

### CHOP-WESTAT BIostatISTICS AND DATA MANAGEMENT CORE

Roberts Center for Pediatric Research  
2716 South Street, 9th floor  
Philadelphia, PA 19146

BIostatISTICS

AND DATA

MANAGEMENT

CORE

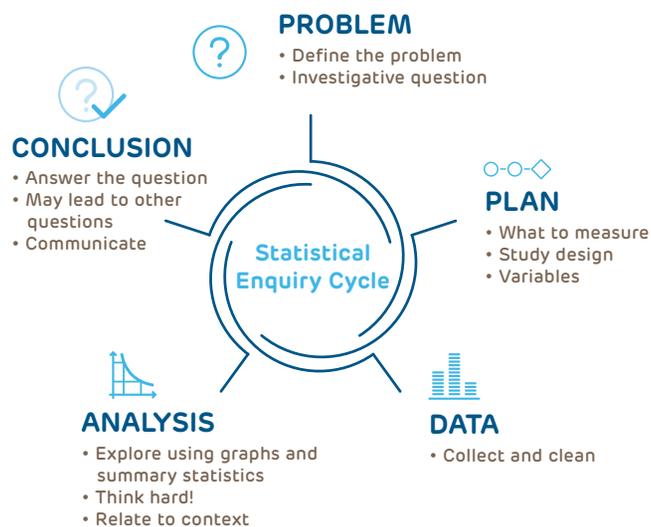
## ABOUT US

Located on The Children's Hospital of Philadelphia campus, the BDMC supports investigators from all pediatric medicine subspecialties who are pursuing projects ranging from small, narrowly defined basic science projects to large, multi-site clinical trials. We provide valuable, upfront, statistical study design and comprehensive planning assistance to guide your research process from the beginning to the end.

Successful investigators know that they can rely on our efficient team of highly motivated and experienced individuals who streamline the research process. Our biostatisticians, database developers and managers, statistical programmers, and information technology specialists can help to navigate your study's most complex biostatistics and data challenges.

## BIOSTATISTICS

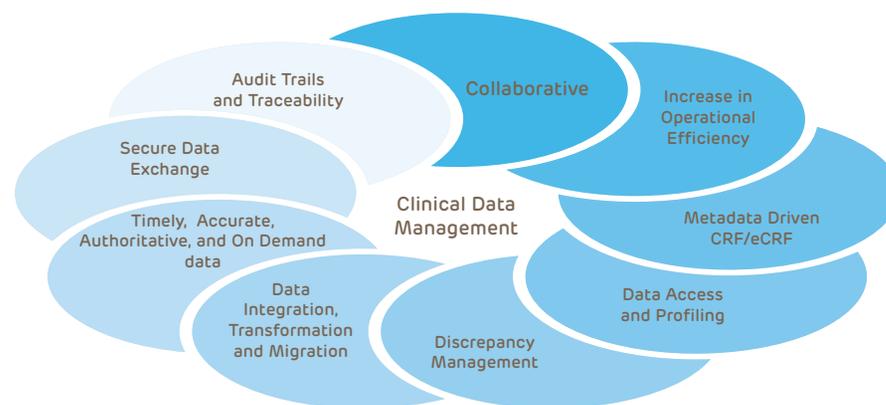
The Biostatistics team provides consultative and analytic biostatistical expertise to enhance the design and quality of basic, pre-clinical, and clinical studies. The Biostatistics team uses effective statistical methods that pertain to investigators' specific study aims and facilitate accurate interpretation and communication of results.



Innovative methods we employ range from the most basic descriptive statistics to state-of-the-art statistical methods that may involve multi-stage modeling, resampling methods for estimation and statistical tests, and — in some cases — development of new methods.

## DATA MANAGEMENT

At the BDMC, the Data Management team works collaboratively with investigators to meet their unique project data management needs during critical phases of the research process. We apply our comprehensive knowledge and the latest technology tools to generate accurate, complete, reliable data to be used for further analysis.



## COMMITMENT TO SERVICE

- Global standards that ensure consistency of clinical data management
- Compliance with company-wide standard operating procedures and GCP/ICH guidelines
- Flexibility to meet investigators' needs throughout project life cycles while meeting key deadlines and budget requirements
- Quality management of data integrity and documentation that meet regulatory requirements (e.g., FDA, 21 CFR Part 11)
- Specific technologies and best practices customized to investigators' projects
- All services can be provided as part of a full-service solution or on a standalone basis
- Training conducted in person, via webinars, and/or via e-learning program

We begin with the end in mind. Our services ensure that the answer to your research question is supported by valid, statistically sound data and results.