

MISSION

The mission of the Biostatistics Shared Resource (BSR) is to serve as a focal point for cancer center members to obtain assistance in the design, management, and analysis of their studies.

KEY SERVICES

The services provided by the BSR include:

1. Biostatistical collaboration and consultation in the design of clinical trials, observational studies, and laboratory studies. An appropriate statistical design is necessary if the research is to be successful in fulfilling its scientific objectives.
2. Statistical expertise in data analysis. The specific methods employed depend on the randomization or sampling design of the particular project and on the scale (binary, ordered categorical, or continuous) of the outcome variable being investigated. Statistical data analyses are performed using both packaged and special purpose computer programs.
3. Scientific review, quality control, and data and safety monitoring for clinical trials.
4. Education; through formal and informal seminars, courses and lectures; and the development of statistical methodology necessary for meeting the scientific objectives of cancer center studies. In general, the BSR attempts to emphasize the importance of ongoing and continuing collaboration with biostatisticians during the entire research effort, rather than one-time consultation without appropriate context.

WORK PRIOTITIES

In general, the priorities for statistical work (from highest to lowest) are:

Priority	Projects	UVACC investigator with
1 st	Grant development	NCI-type funded projects
2 nd	IITs and LOIs	New and developing research program
3 rd	Study design for chart review	Without current funding
4 th	Analyses for presentation and publication	Mentored fellow or resident project

* Please note that the BSR will only work on analysis for an abstract presentation at a national or international meeting if the Core worked on and/or reviewed the abstract submission (before the abstract was submitted).

USER REQUIREMENTS

In order to better manage statistical work on projects with external deadlines, the BSR requests that users:

- Notify the Core at least 6 months before the grant deadline for competing NIH P series, U series, and SPORE grants (and similar sized foundation grants).
- Notify the Core at least 2 months before the grant deadline for competing NIH R series and K series grants (and similar sized foundation grants).
- Provide the Core at least 1 month before the deadline with data sets for an analysis for an abstract submission to a national or international meeting (e.g., ASCO, AACR, ASH, ASTRO).

PUBLICATION ACKNOWLEDGEMENT

If research supported by this core facility results in publication, please acknowledge this support by including the following in your publication(s):

“Supported in part by the Biostatistics Shared Resource, University of Virginia Comprehensive Cancer Center, University of Virginia (P30 CA044579).”