

Biostatistics Core
Comprehensive Transplant Center
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<http://www.feinberg.northwestern.edu/sites/transplant/research/research-cores/biostat-core.html>



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Biostatistics Core

 **Northwestern
Medicine®**

Comprehensive
Transplant Center

Mission

The mission of the Biostatistics Core is to provide state-of-the-art statistical modeling and analytic support services to investigators interested in basic, pre-clinical, clinical and epidemiological transplant studies. The Biostatistics Core is committed to exceptional care, pioneering research and the training of the next generation of transplant clinicians and researchers.

About the Biostatistics Core

The Biostatistics Core is a component of the Comprehensive Transplant Center (CTC) and is under the direction of Dr. Lihui Zhao, who has years of experience in biostatistics in clinical and basic science research.

The Biostatistics Core is dedicated to assisting investigators with a central resource for data analysis in retrospective, prospective, and clinical trials in transplantation. It provides a valuable and unique research opportunity for translational research from basics sciences to clinical research.

The core offers a wide variety of consultations on study design, statistical modeling, power calculation, and data management which may otherwise be difficult or time-consuming for those investigators without specialized skills, personnel and proper expertise. In addition to these services, it offers training and analytical assistance to faculty, staff, fellows and students in need of biostatistics help in the field of transplantation.

The Core contains state-of-the-art computing and analytical software packages including R, SAS, SPSS, and STATA. Serving all interested investigators in Northwestern University community this core has performed biostatistics analyses for more than 200 projects. It's also helped Principal Investigators to secure funding support from various funding agencies including the National Institutes of Health and provides training for students and fellows at all levels in Northwestern University Feinberg School of Medicine, as well as trainees from other institutions.

Services

The Biostatistics Core currently provides the following services to the investigators of the CTC as well as other investigators in Northwestern University. Investigators will be responsible for the costs incurred for their projects and prior IRB protocol approval.

- Study design and implementation
- Randomization
- Sample size and power calculations
- Statistical analysis (planning, data analysis and report writing)
- Statistical analysis for Data and Safety Monitoring Boards (DSMB)
- Statistical support for grant applications
- Statistical support for abstracts and manuscripts
- Statistical methodological research
- Statistical consulting

Getting Started

To discuss starting a project using the services of the Biostatistics Core of the Comprehensive Transplant Center, please contact:

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