

SUMMARY

The Biostatistics Core Facility of the New Jersey Medical School was established in September 2006 to enhance the resources available to the research community within the medical school. It serves to provide biostatistical services to the research community and as a source of information on statistical design, data analysis and clinical research strategies. Core Facility members have expertise in a wide array of clinical and translational research, protocol design, large-scale epidemiologic studies. In addition to their expertise in clinical research, members of the Biostatistics Core have served on NIH grant review panels and have a grasp of the level of sophistication required for preparing submissions for extramural funding opportunities. The Biostatistics Core Facility is equipped with hardware and software necessary for biostatistical analyses, statistical design development and analysis of more complex data sets, such as microarray and genomic studies.

Michael Brimacombe, PhD

The Biostatistical Core Facility is directed by Michael Brimacombe, PhD, Statistics, University of Toronto, Associate Professor of Biostatistics and Epidemiology in the Department of Preventive Medicine, UMDNJ-New Jersey Medical School and the School of Public Health. He has published over 50 peer reviewed papers in a variety of fields, with a recent focus on the study of autism and developmental disorders. He currently supervises PhD students in Biostatistics and Epidemiology.

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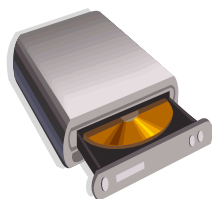
BIostatISTICS

CORE FACILITY

2007 INFORMATION GUIDE



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&
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Database Development & Management

Data Management and basic statistical services offered include data analysis, basic statistical modeling, research paper revisions, typically offered by a MSc trained biostatistician. Advice on the development of databases and the integrating of information from various secondary databases is also available.



Statistical Analysis

Statistical analysis for clinical and biomedical research projects of most types are available. These include statistical modeling, estimation and hypothesis testing.

Research Study Design

The planning of research studies clinical trials and experiments typically involves the advice of statisticians regarding sampling approach, sample sizes, the related accuracy of estimation and modeling techniques.

Research Grant Development

The development of quantitative grant components for NIH and other research grants are available. Members of the Core Facility have extensive experience in the development of research grants at all levels.

Statistical Genetics

The Core Facility has available biostatisticians who are active in the development and application of techniques appropriate for the analysis of genetic data (linkage studies, genomic analysis, incorporation of genetics into epidemiologic studies).

Biostatisticians

Soyeon Kim, PhD Assistant Professor
Telephone: 973-972-8809
Bo Peng, MSc, Principal Biostatistician
Telephone: 973-972-6584



Teaching

Members of the Core Facility at the PhD level are members of the Department of Preventive Medicine and School of Public Health and often teach biostatistical graduate courses to MPH and PhD students. Workshops on quantitative methods are also offered in the New Jersey Medical School.



Fee Schedule

Fees for basic database development, data analysis and statistical analysis that can be carried out by MSc level trained biostatisticians are \$60/hr. More advanced statistical work and grant development requiring a PhD level biostatistician is typically available for \$100/hr. External consultation is available, but fees are to be discussed.