

## Study and Experimental Design and Biostatistical Services at the BERD Center

The Tufts CTSI Biostatistics, Epidemiology, and Research Design (BERD) Center provides comprehensive pre-and post-award services.

The table below lists the services available and indicates whether they are Tufts CTSI-funded (free of charge to investigators) or fee-for-service.

To request a service  
or ask a question,  
visit [www.tuftsctsi.org](http://www.tuftsctsi.org)

Research Phase	Services offered by BERD Center funded by Tufts CTSI (no charge to investigator)	Services offered by BERD Center for a fee*
<b>Study planning and grant application</b>	<p><b>Investigator-initiated grants or study protocols</b></p> <ul style="list-style-type: none"> <li>Grant critique/review</li> <li>Development of aims and hypotheses</li> <li>Study and experimental design</li> <li>Power and sample size calculations</li> <li>Analysis plan</li> <li>Randomization plans</li> <li>Pilot data analyses for inclusion in grants</li> </ul> <p><b>Weekly drop-in sessions **</b></p> <ul style="list-style-type: none"> <li>Study and experimental design/ planning advice</li> </ul>	<p><b>Industry-initiated research or funded research projects</b></p> <ul style="list-style-type: none"> <li>Development of aims and hypotheses</li> <li>Study and experimental design</li> <li>Power and sample size calculations</li> <li>Analysis plans</li> <li>Randomization plans</li> <li>Database creation in REDCap</li> <li>Generating case report forms</li> </ul>
<b>During study or after study completion</b>	<p><b>Guidance on improving rejected manuscripts</b></p> <p><b>Weekly drop-in sessions **</b></p> <ul style="list-style-type: none"> <li>Guidance on data analyses</li> <li>Statistical advice</li> <li>Interpretation of results</li> </ul>	<p><b>Pre-Analysis</b></p> <ul style="list-style-type: none"> <li>Analysis file creation</li> <li>Data set organization and cleaning</li> <li>Data Management</li> </ul> <p><b>Analysis</b></p> <ul style="list-style-type: none"> <li>Statistical analyses</li> <li>Interpretation of results</li> </ul> <p><b>Post-Analysis</b></p> <ul style="list-style-type: none"> <li>Manuscript review, table preparation, graphics development, and drafting the statistical methods and results sections</li> <li>Clinical Trial Results Reporting to <a href="http://clinicaltrials.gov">clinicaltrials.gov</a></li> </ul>
<b>Education &amp; career development</b>	A series of workshops on topics such as study and experimental design, hypothesis testing, statistical analyses, and study protocol (aimed at larger audiences, >20 participants)	Customized classes on varied epidemiology/statistical topics (aimed at smaller groups, or topics not covered by Tufts CTSI offerings)

\* Contact us for current rates.

\*\* Virtual drop-in sessions are held weekly. Visit [https://is.gd/berd\\_dropin](https://is.gd/berd_dropin) to sign up for an appointment.