

COVID-19 Rapid Response Team for Study Design, Conduct, Analysis, and Reporting

Groups involved with study design, conduct, statistical analysis, and reporting at GWU and Children’s National Hospital are coordinating to provide priority response to COVID-19 studies. Investigators that wish to collaborate, need assistance with planning their COVID-19 studies, or who have statistical analysis needs should contact one of the individuals or groups listed below. For each request, we will review which of our groups has the best fit to the project in terms of resources, skills, and experience. If our existing faculty and staff cannot handle a project, we will try to identify other faculty, staff, and students who may be available, including individuals outside of GW and Children’s National.

Group	Types of Projects	How to contact
GW Biostatistics Center (BSC)	Diagnostic studies, large multi-center clinical trials, large cohorts	Dr. Scott Evans (sevens@bsc.gwu.edu)
Children’s National Hospital Division of Biostatistics and Study Methodology (DBSM)	All quantitative studies, especially for pediatric populations.	SPARC Request System *
GW Biostatistics and Epidemiology Consulting Service (BECS)	All quantitative health-related studies, especially those with a GW PI.	SPARC Request System * or Dr. Sam Simmens (simmens@gwu.edu)
Biostatistics, Epidemiology, and Research Design module of the Clinical and Translational Science Institute-Children’s National (BERD)	Clinical and translational research with a statistical component, where the PI is based at either Children’s National or GW.	SPARC Request System *

*To download instructions for submitting a SPARC request, click here: [SPARC Request Instructions](#)

Specific capabilities for the BSC, DBM, and BECS are shown in the table below.

Q and A.

- **There seems to be overlap among the listed groups in services offered. How do I know which one to contact?** There is overlap. For example, the BERD module is jointly staffed by the DBM and BECS. If you are not sure which group to contact, simply contact any of them and the Team will refer you to the group that can best help you.
- **How much does this cost?** Generally, there is no charge for assistance with a grant application that will be including faculty or staff from one of the groups in the proposed budget. There may be charges for data analysis, data management, and other services.
- **Aren’t there other study design and analysis services?** There are many additional services available to both GW and Children’s National researchers through the Clinical and Translational Science Institute at Children’s National (CTSI-CN). These include, for example, help with

regulatory matters, community engagement, team science, informatics, and “omics” analysis. See ctsicn.org for more information.

- **Do you provide similar COVID-19 support to investigators who are not connected to GW or Children’s National?** Yes, but all else being equal, GW and Children’s National investigators will have priority.
- **I am a faculty member who also has quantitative skills that may benefit COVID-19 investigators. Can I be part of this Team?** Yes! Please contact Sam Simmens (simmens@gwu.edu).

Table of typical services provided by each group. Note that there are many other specific services such as electronic health record access that are not listed in this table.

Service	Statistical Group		
	BSC	DBSM*	BECS*
Grant materials preparation and submission	✓	✓	✓
Study design	✓	✓	✓
Biostatistics clinic to answer quick (1 hour) questions		✓	✓
Formulating aims, goals and hypotheses	✓	✓	✓
Power and sample size calculations	✓	✓	✓
Development of trial protocols	✓		✓
Development of informed consent	✓		
Development and maintenance of manuals of operation	✓		
Design and maintenance of internal and external study websites	✓		
Case Report Form design	✓	✓	✓
Web-based data entry system including detailed data editing	✓	✓	✓
Importing of data from EMRs or laboratories	✓	✓	
Daily updated web-based reports such as: tracking, recruitment, visit completion	✓		
Scheduled reports to a data and safety monitoring committee (DSMB)	✓	✓	✓
Data analysis	✓	✓	✓
Provide some free analysis support through biostatistics practicum graduate students			✓
Provide complete data management support using REDCap or OpenClinica©		✓	
Publication	✓	✓	✓
Conference call and online meeting organization and documentation	✓	✓	✓
Meeting space for 150	✓		
Arrangement of hotel accommodations	✓		

BSC: GW Biostatistics Center

DBSM: Children's National Division of Biostatistics and Study Methodology

BECS: GW Biostatistics and Epidemiology Consulting Service

*DBSM and BECS staff the CTSI-CN BERD Module