

## GIM FACILITIES AND RESOURCES

### **Duke Division of General Internal Medicine**

<https://medicine.duke.edu/divisions/general-internal-medicine>

The research will be conducted in the Duke Division of General Internal Medicine which is a Division of the Department of Medicine in the Duke University School of Medicine. A combined 322 faculty and staff in both clinical and research environments strive to promote excellence in patient care through new discoveries and improvements in the practice of primary and internal medicine as well as clinical, behavioral, and implementation studies that translate to advances in patient care and yield improved patient outcomes.

**Analysis and Data Management Support:** The GIM Biostatistics Core is available to provide consultation and analytic support for research and quality improvement investigations, from study conceptualization through final reporting. It is comprised of a core team of PhD and MS trained biostatisticians, led by Dr. Jane Pendergast, senior faculty member in the Duke Department of Biostatistics and Bioinformatics (B&B), and supplemented with involvement from other PhD B&B faculty as well as B&B graduate students as research assistants/interns. These individuals have expertise and experience in designing and evaluating data arising from randomized designs (e.g., clinical and pragmatic trials), human genome studies, epidemiologic studies, implementation science and health organization studies, health effectiveness, observational studies (e.g., based on health claims data (Medicare, Medicaid, Private), electronic medical health records, and federal databases (USRDS, NHANES, BRFSS, etc.)). Their statistical areas of expertise are broad, including comparative effectiveness, longitudinal, genetic association studies, time-to-event, data reduction, generalized linear/nonlinear and latent variable methods. All members of the GIM Biostatistics Core are screened and hired in partnership with the Duke CTSA Biostatistics Core, housed in B&B. As such, they have access to approximate 40 B&B faculty members for help/advice, if needed. In addition to statistical expertise, access to experts in the analysis of qualitative data, database design, tracking systems, data collection systems, and custom programming are available to support all data-driven needs of the project.

In the study conceptualization and pre-award period, members of the GIM Biostatistics Core can work with researchers on grant development, study design, protocols, analytic approach and power calculations. Post-award analytic support is usually written into the grant, and if funded, it is expected that either GIM Bios Core staff members or new hires will join the research team to follow through on the work.

**Location:** The research division is located at 411 W. Chapel Hill St, Suite 500, Durham, NC in close proximity to the Duke main campus and Duke University Medical Center and occupies 5,270 square feet of space with 19 offices, 33 cubicles and 6 additional rooms (conference rooms, storage, etc.).

**Computers/Servers:** The computing environment consists of Dell, Lenovo, and Apple desktops and laptops. All machines are running a minimum of Windows 7/OSX10.11 or higher. All machines are licensed to run Office and CrowdStrike Falcon Anti-Virus. Per Duke policy all laptops are to be encrypted with either Bitlocker on PC or Filevault. Mobile devices used to connect to the secure Duke Health wireless network or to access Duke Health resources are required to enroll in Duke Health Mobile Device Manager and must install AirWatch on their device.

For storage purposes, all lab and shared data is housed on our Duke servers currently running at [\\duhsnas-pri\dudom\\_gim](#). Dudom\_GIM is backed up via the guidelines below:

Every four weeks a separate backup of the GIM data is captured and retained as a "monthly" backup in a folder on the central NAS which only administrators have access to. These snapshots contain a copy of the files from that point in time and are retained for at least six years. Overall, the backups provide multiple daily snapshots for 30 days and monthly snapshots for six years.