FACILITIES and OTHER RESOURCES

LABORATORY: INAP

ANIMAL: INAP

COMPUTER: Boston University is a major research university and provides the most up-to-date computer technology. Computer workstations at [location] are equipped with high-speed computers. Dr. [Name] uses a Dell desktop and Lenovo ThinkPad laptop. These computers are networked to a high-capacity laser printer, and internet. The [department/institute] also maintains a variety of software programs at its computer workstations. [PI] requires straightforward statistical software like SPSS, SAS, R, and Stata to carry out the proposed analyses; all are available at BU.

Research Computing Services manages the Shared Computing Cluster (SCC), a heterogeneous Linux cluster composed of both *Shared* and *Buy-in* components. The system currently includes over 9,000 shared CPU cores, over 15,000 Buy-in CPU cores, 250 GPU cores, and 9 petabytes of storage for research data (approximately 90% of this is Buy-in storage).

The SCC is suitable for high-performance computing in a wide range of disciplines, from the physical sciences, engineering, biostatistics, public and global health, bioinformatics, genomics, neuroscience, and geographic information systems (GIS), to emerging computational communities such as machine learning, economics, finance, the social sciences, microbiology, and infectious diseases.

A wide range of programming languages, parallelizing compilers, mathematical and scientific libraries, graphics and visualization software, and discipline-specific software packages is maintained on the Cluster. Many help pages on this software are written specifically for getting started on the SCC.

Consulting and Training are available for the full range of Researchers' needs, from getting started to maximizing performance on the SCC.

Access to the SCC is via the campus and region's high-performance networking. The campus core utilizes 10-Gigabit Ethernet with multiple 10-Gigabit links to the Boston/Cambridge NoX node and two pairs of 10-Gigabit connections to the MGHPCC.

OFFICE: [PI Name] has a large private office at Boston University with computer, filing cabinets, and landline telephone. No additional space or resources are required to carry out the [investigator] responsibilities. Boston University supports research with a variety of resources, including access to an extensive selection of library volumes and electronic journals, as well as newspaper databases. All these resources are available to the investigator through the investigator's affiliation with the College of Arts and Sciences and [Department/Institute]

BU's Mugar Memorial Library and its branches provide materials that support the curriculum and research needs of members of the Boston University community. Since the late 1980's, electronic resources (e-resources) have become increasingly valuable tools for research at BU. E-resources include, but are not limited to, online journals, indexing and abstracting services, reference sources, and full-text books.

CLINICAL: INAP

OTHER: INAP