**EQUIPMENT**

**Rutgers, The State University of New Jersey**

**York Laboratory Owned Computational Equipment**

**CPU workstations:** The York group owns 10 Linux workstations with various configurations for lab members’ daily routine work, including simulation setups, visualization, data analysis, etc. Each workstation has at least a 6-core CPU, 16GB memory, 4TB data storage.

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**GPU workstations:**

The York group has one Linux GPU workstation equipped with one GP100 and one Titan-XP, and one Windows GPU mobile workstation equipped with one Quadro M2000M and one external GP100 GPUs, for the development and testing purposes.

The PI York co-owns (with Prof. David Case), one 5xTitan-V and 1xTitan-XP workstation, one 8xGTX780 workstation, one 4xGTX Titan Black workstation, one 2xGP100/2xGTX1080 workstation, and one 1xTelsa V100 workstation. The PI also has access to the Rutgers’ shared GPU clusters. A senior researcher, Dr. Taisugng Lee, in the group is an active GPU developer and is a member of nVIDIA’s life science developer group hence has the access to nVIDIA’s internal GPU clusters and receives new generation GPUs every year directly from nVIDIA for testing purpose, and just received 2 Titan-V GPUs from nVIDIA in 02/2018.

**Other Computing Resource:**

The PI York has access to significant computational resources in the Institute for Quantitative Biomedicine, on campus, and through National HPC mechanism, all are described in the “Facilities and Other Resources” document.