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The University at Buffalo Chose Dell

Many of our scientists need to exploit a large number of processors operating in a coordinated fashion to jointly solve leading-edge scientific problems that could not be solved in a reasonable amount of time on smaller systems. The Dell cluster dramatically reduces the time to solve problems, in many cases from months to hours.

— Russ Miller, Ph.D.

Director

Center for Computational Research

The High Performance Computing Cluster (HPCC) at the University at Buffalo, The State University of New York, is being used for human genome research along with research that could eventually help speed drugs to market to combat cancer, Alzheimer's, AIDS and a variety of other diseases. This HPCC initially was comprised of more than 2,000 Dell™ PowerEdge™ servers and a Dell|EMC storage area network. The University at Buffalo recently added a 300-node HPCC to support research in the university's Center for Computational Research.

