



Ohio Supercomputer Center OnDemand Portal Accelerates Remote Learning

Thanks to the Ohio Supercomputer Center (OSC), Ohio State University (OSU) was well prepared for the switch to remote learning because of the COVID-19 pandemic. OSC provides virtual computer labs by offering students an easy-to-use web-based interface in a tool. The students use customized dashboards developed by OSC for access to digital labs across multiple disciplines of classes including architecture, statistics, crop sciences and more. When students log on to OSC OnDemand, they have access to an OSC supercomputer capable of running large workloads with advanced processing capabilities not typically available to users on their own computers. Pitzer, OSC’s newest system, is an Intel® Xeon® Scalable processor-based cluster built by Dell.

“These are normally categories of students that wouldn’t use HPC who are using it for coursework and being exposed to the power of HPC and supercomputers. Eventually, these students will take their exposure to using supercomputers into the workforce and realize the importance of access to high performance computing.”

Alan Chalker, Ph.D.,
Director of Strategic Programs, OSC

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