Empowering **research** through **computing**

UAB INFORMATION TECHNOLOGY

The University of Alabama at Birmingham

UAB IT Research Computing provides a framework for accessing high performance computing power, sharing research data, and collaborating with peers on campus and around the globe. We have deployed a dynamic "network of services" that facilitate organizing, studying, and sharing research data.

Ready to maximize your research?

Create your account.

Core Services

Access to a team of research facilitators and office hours. Support for collaboration and expert guidance to network with peers and national research organizations.

Individual user storage up to 10TB and lab/research core storage up to 100TB.

Access to GPUs, including 40 A100 GPUs for Machine Learning, enhancing research computing workflows.

Comprehensive tools and software support including HPC Desktop, Jupyter, SAS, R, MATLAB, and custom software environments via modules/applications.

UAB Cloud based on OpenStack for the development and hosting of research-oriented web apps and data sets.