Data generated via biomedical research continues to outpace the ability to process, store, and analyze in many local environments. The Science and Technology Research Infrastructure for Discovery, Experimentation, and Sustainability (STRIDES) Initiative for researchers acts as a vehicle for NIH and NIH-funded institutions to gain cost-effective access to cloud environments, scientific tools and services, learning and development opportunities, consultations, and more from industry-leading commercial providers, such as Amazon Web Services and Google Cloud.
By leveraging the STRIDES Initiative, NIH researchers can begin to create a robust, interconnected ecosystem that breaks down silos related to generating, analyzing, and sharing research data. Some of the potential key benefits realized by researchers when using the cloud include ease of collaboration, equitable access, reduction of data duplication, and the facilitation of reproducible science in a secure, authenticated environment.

WHAT THE STRIDES INITIATIVE OFFERS TO INTRAMURAL RESEARCHERS

Favorable Pricing on Services
Favorable pricing on computing, storage, and related cloud services.

A Simplified Setup Process
A simplified setup process to access commercial providers with assistance, consultations, and guidance from CIT.

Seamless Integration to NIH Systems
Seamless integration with NIH systems and environments.

Common-Sense Information Security Controls
Common-sense information security controls and guardrails are in place.

Secure Connectivity Between NIH Systems and Commercial Providers
Secure, dedicated connectivity for data/file transfer from NIH to the commercial providers.

Tailored Professional Service Consultations
Access to professional service consultations and technical support from commercial providers.

Robust Learning & Development Opportunities
Access to in-person and online learning and development opportunities for researchers, data owners, and others to help ensure optimal use of available tools and technologies.

Cutting-Edge Technologies
Access to emerging technologies, such as artificial intelligence and machine learning.
WHAT THE STRIDES INITIATIVE OFFERS TO EXTRAMURAL RESEARCHERS

NIH-funded researchers with an active NIH award may take advantage of the STRIDES Initiative for their NIH-funded research projects. Eligible investigators include awardees of NIH contracts, other transaction agreements, grants, cooperative agreements, and other agreements.

Benefits of using the STRIDES Initiative include:

**Favorable Pricing on Services**
Favorable pricing on computing, storage, and related cloud services for NIH-funded institutions.

**Tailored Professional Service Consultations**
Access to professional service consultations and technical support from commercial providers.

**Robust Learning & Development Opportunities**
Access to in-person and online learning and development opportunities for researchers, data owners, and others to help ensure optimal use of available tools and technologies.

**Cutting-Edge Technologies**
Access to emerging technologies, such as artificial intelligence and machine learning.

Ready to learn more or get started? Visit the [STRIDES Initiative website](#).

RESOURCES

- [Office of Data Science Strategy Website](#)
- [STRIDES Initiative Website](#)
CONTACT

Cloud Computing Services Team