Buffalo Institute for Genomics and Data Analytics (BIG)

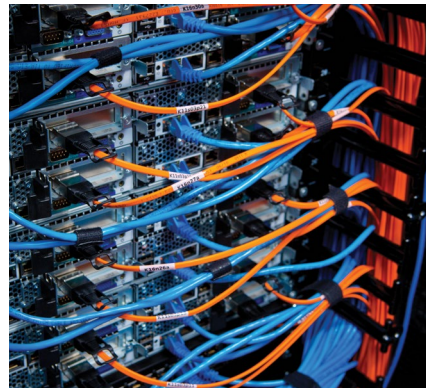Connect.
Commercialize.
Grow.

Accelerating life sciences growth by connecting with bioinformatics and data resources

Connecting life sciences companies to technical expertise, talent and high-tech facilities

Benefit from the brightest minds in the fields of bioinformatics, omics and data analytics. Our partners gain access to technical expertise, talent, state-of-the-art facilities, in-house biomedical and bioinformatics experts, high-tech genomic and proteomic equipment, big data solutions and funding. These resources help to advance molecular diagnostics tests, companion diagnostics, therapeutics agents and precision medicine techniques to tailor treatment options and improve health outcomes.

University at Buffalo
Buffalo Institute for Genomics and Data Analytics
Business and Entrepreneur Partnerships

"

UB's support has helped us weather critical startup challenges to become one of WNY's fastest growing life sciences companies and develop a national reputation in clinical study execution and data management."

Irfan Khan, MD, *CEO of Circuit Clinical*

How
we help

BIG can:

- Speed product-to-market innovations
- Support entrepreneurial creation of startups
- Provide talent and expertise in bioinformatics, artificial intelligence and machine learning
- Offer data collection, storage, management and analytics

Ready to grow with us?

Our partners benefit from the resources available at the University at Buffalo, including tailored business support services and access to additional funding programs.

As a BIG partner, you have access to state-of-the-art facilities and experts in research, clinical practice, data management, analytics, omics and other applied R&D such as:

- **Genomics & Bioinformatics Core Facility** – leading edge sequencing and genomic technology service provider
- **Proteomics & Bioanalysis Core Facility** – proteomic powerhouse with a well-equipped wet-lab and analysis capabilities.
- **Biorepository** – integrated enterprise-level biorepository program offering processing and storage services.
- **Healthcare Informatics** – secure computing center that stores, aggregates and analyzes healthcare data.
- **Computational Research** – high performance and cloud computing infrastructure with expertise available for software development, artificial intelligence and data analytics.

Customize Your Partnership

Genomics and Bioinformatics

Proteomics and Bioanalysis

Biorepository

Health Care Informatics

Computational Research

Innovation happens at UB. We'll help you commercialize and grow by connecting you to knowledge, facilities, funding and talent.

buffalo.edu/big