BNI is a $16-$17 million, nonprofit research enterprise that employs 100 people including 13 Principal Investigators that hold faculty appointments at our academic affiliate, Weill Cornell Medicine.
What we do...

**STROKE**

- IMPAIRMENT: Paralysis on one side
- DISABILITY: Not able to walk across the room
- HANDICAP: Will need to work behind a desk

**CURE** - repairing the brain & spinal cord to restore function

**Compensation** - learning to use a device or alternate method to minimize loss of function

Burke Neurological Institute occupies a unique space. We find cures that repair and restore impairment versus compensate for the loss of function.
BNI helps patients that suffer from chronic neurological diseases to **see, walk, talk & remember.**

The answer to curing or restoring function in one impairment can be applied across disease lines. For example, strategies used to treat a stroke patient’s motor impairment can be applied to a spinal cord injury patient.
Testing drugs and devices in animals modeled on human neurological diseases

Discovering therapeutic targets in the brain and spinal cord

Testing potential drugs and devices in human clinical trials

Hope Science Demands...
BNI is organized by centers that address both chronic neurological diseases and impairments. The Centers coordinate and interface with basic, translational and clinical research within the institute. This allows us to repair the brain & spinal cord by translating and quickly moving discoveries to patients.
Building on...

BNI QUARTERNARY CARE CLINICS

- Stroke, TBI, SCI, CP, Neurodegenerative Diseases, Retinol
- Degenerative Diseases Clinical Trials

PATIENTS

- Vision recovery
- Motor recovery
- Cognitive recovery
- Pain sensory recovery

WELLNESS

TECHNOLOGY

BIOLOGY

PATIENTS
The Vision

Why are we so passionate?

BNI is often the only option for patients and families affected by chronic neurological impairments. Once they have exhausted traditional rehabilitation services, they are often told to go home, even if the patient has only recovered a small portion of his or her former function. We offer patients and families another path—the path of hope.

Our Vision: BNI Quaternary Care Clinics

Currently, our cognitive recovery and motor recovery clinics are operational, and we are working to expand to meet the needs of more patients with chronic neurological diseases, but the physical structure we envision does not yet exist.

Ideally, our current facilities will be expanded to units based, translational, and clinical research and therapeutic support in one building.

At its center, the institute will feature a meeting space that supports education, wellness, and community for patients and families challenged by the symptoms of a chronic neurological impairment. That area will be surrounded by four specialized clinics as well as labs where pioneering research will be done.

WITH YOUR HELP
The success of the new BNI will depend on the hard work and dedication of all of us who are committed to providing it.

It is an innovative idea that is well within reach, but we need supporters who are every bit as brave as the patients we treat to bring our vision to life.