

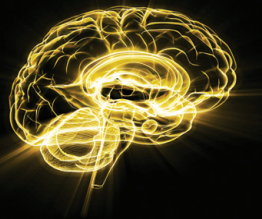
Krembil Discovery Tower

BUILDING FOR DISCOVERY



BUILDING HIGHLIGHTS

- A 9-storey state-of-the-art new building for TWH
- 5 floors dedicated to research space
- Featuring wet and dry bench space; core facilities, lecture and seminar rooms
- 325,000 square feet
- \$165 million capital project
- Multipurpose building
- Ground Floor Education Space
- 1.5 floors dedicated to Altum Health – a successful University Health Network enterprise providing innovative solutions for health and disability management. Revenues will assist in financing and building operational costs.



The Krembil Discovery Tower

at Toronto Western Hospital

THIS IS THE PLACE

- the world's best brains doing leading-edge translational research and creating breakthroughs for our patients.
- home to Canada's largest concentration – over 150 – neurologists, neurosurgeons, neuroradiologists and neuroscientists.
- considered among the top in the world for Parkinson's and Alzheimer's research.
- a major training centre for future medical and scientific leaders.

TWRI SNAPSHOTS 2011

Toronto Western Research Institute is home to the research programs associated with the neural and visual sciences, musculoskeletal disease and community health programs. TWRI investigators collaborate closely with clinicians at TWH.

122	Researchers	105,000 sq. ft.	Research Space
157	Trainees	515	Total Publications
206	Technical / Support Staff	\$43,612,000	External Funding

Calling the research centre the final piece of the puzzle in Toronto Western Hospital's renewal projects, University Health Network President and CEO, Dr. Bob Bell, explains: "The research recruitment environment is very competitive in North America. In order to retain the brightest and best researchers as well as recruit others, we must create a space that matches their caliber of work."

FUN FACTS

- KDT is 30,193.5 square meters (a little more than 19 NHL ice rink surfaces)
- KDT is 56.5 m tall (185 feet) (about 11 Cadillac Escalades or 36 smart cars stacked up end to end)
- KDT will contain 16,500 cubic metres of concrete (could fill more than 6 Olympic swimming pools)
- KDT will contain 550 000 kg of reinforcing steel (equal to the weight of 101 African Elephants)

RECENT FIRSTS IN NEUROSCIENCE

2001 First in North America to use deep brain stimulation to treat patients with advanced stage Parkinson's disease

2003 Use of Deep Brain Stimulation for treatment of drug resistant depression

2009 Outpatient craniotomy for aneurysm

2009 First in Canada to use laser-based brain bypass surgery

2010 Use of Deep Brain Stimulation for Alzheimer's disease

2010 First Canadian stem cell transplant program for eye disease

2011 Identification of 5 genes responsible for late-onset Alzheimer's disease

2012 Development of a drug that protects brain from stroke damage

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