

# **Dr. Andres Lozano**

**Neurosurgeon, Krembil Neuroscience Centre at University Health Network**

Toronto, ON, CA

Canada Research Chair in Neuroscience, Tier 1

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## **Description**

A graduate of the University of Ottawa, Faculty of Medicine in 1983, Dr. Lozano underwent Neurosurgical Training at McGill University. He became a Fellow of the Royal College of Physicians and Surgeons of Canada in 1990. During his residency in Montreal, Dr. Lozano earned his Ph.D. in Experimental Medicine in 1989. Dr. Lozano joined the Neurosurgical Staff at the Toronto Western Hospital in 1991. He is currently Professor in the Department of Surgery, and inaugural Chair Holder of the Ron Tasker Chair in Stereotactic and Functional Neurosurgery at the University Health Network. He also holds a Tier I Canada Research Chair in Neuroscience. His main research and clinical interests lie in the field of the neurosurgical treatment of movement disorders and micro-electrode recordings of the human brain.

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## **Industry Expertise**

Advanced Medical Equipment, Education/Learning, Research, Health Care - Services, Health Care - Providers, Health and Wellness

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## **Topics**

Neurosurgery, Epilepsy, Alzheimer's Disease, Deep Brain Stimulation, Functional Neurosurgery, Dopamine, Neurophysiology, Neuroprotection, Parkinson's Disease, Movement Disorders

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## **Affiliations**

University Professor Department of Neurosurgery University of Toronto, R.R. Tasker Chair in Stereotactic and Functional Neurosurgery UHN, Dan Family Chair in Neurosurgery, Chairman Department of Neurosurgery University of Toronto, Past-President World Society for Stereotactic and Functional Neurosurgery, Canada Research Chair in Neuroscience Tier 1, Senior Scientist Krembil Research Institute

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## **Past Talks**

**Society for Neurosurgery - Cell translation course**

Translational Neuroscience: Bridging the Gap Between Basic Research Discoveries and Clinical Applications

**The Brain on Circuit Training: Finding and Fixing Misfiring Neural Circuitry**

Neurofutures 2014

**Adjusting Dials on Circuits in the Human Brain**

TEDxCaltech

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## **Education**

**McGill University**  
Ph.D. Neurobiology

**University of Ottawa, Faculty of Medicine**  
MD Medicine

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## **Accomplishments**

**Royal Society of Canada**  
Elected to membership as a leader in his field

**Order of Spain**  
One of Spain's highest honours

### **H. Richard Winn Prize from the Society of Neurological Surgeons**

The purpose of this international award is to encourage research in the neurosciences and to recognize outstanding, continuous commitment to research in the neurosciences by a neurological surgeon. This prize both recognizes the accomplishments of Dr. Winn, and seeks to reward a neurological surgeon who has made, and continues to make, substantial contributions to clinical or basic neuroscience.

### **Margolese National Brain Disorders Prize**

The Margolese National Brain Disorders Prize will be awarded annually to a Canadian citizen who has made outstanding contributions to the treatment, amelioration, or cure of brain disorders.

### **University Professor, University of Toronto**

The University of Toronto has named Dr. Andres Lozano a University Professor, the institution's highest honour for academic excellence. The promotion recognizes Dr. Lozano's contributions to neurosurgery research and treatments for brain disorders, as well as his commitment to education.

Only about two per cent of tenured U of T faculty members become University Professors, and Dr. Lozano is the first neurosurgeon to receive the distinction.

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