



Dr. Naweed I. Syed

Dr. Naweed I. Syed, the distinguished Pakistani-born Canadian neuroscientist, has cemented his name in field of science by making groundbreaking discovery of connecting brain cells to silicon chips thus creating the world's first neurochip.

[Naweed Syed - University of Calgary | LinkedIn](#)

Honors and Recognition



Tamgha-e-Imtiaz

Awarded with Medal of Excellence by President of Pakistan, the “*Tamgha-e-Imtiaz*,” for his scientific accomplishment in developing a bionic hybrid neuro chip.



CANADA 150

Canada-150

Awarded with Senate of “*Canada 150 medal*,” an award created by the Canadian Senate to recognize the country’s “unsung heroes.”



Breakthrough Discovery: Connecting Brain Cells to a Silicon Chip

1

About New Invention:

The two-way communication bionic chip can talk and listen to brain cells. Dr. Naweed carried out two decades of design, experiments, redesign and observations for this invention.

2

Uses:

The ultra-sensitive, hybrid brain chip will be used first as a diagnostic device for epileptic patients and will allow for cure of various neurodegenerative diseases.

3

Human Trials:

Dr. Naweed's two-way brain-chip is almost ready for human trials thus allowing the analysis of several brain cells and performing large-scale drug screening for various brain dysfunctions.

A close-up, slightly blurred image of the Pakistani flag. The green field with the white crescent and star is the primary focus, with the white vertical stripe visible on the left side. The text is overlaid on the green field.

Embrace challenges as opportunities, let curiosity be your compass, and with every innovation, paint a legacy that inspires generations to come. The world is waiting for the brilliance that only you can bring by believing in yourself. Dr. Naweed I. Syed's pioneering work involves capturing a remarkable achievement which serve as a benchmark for various Pakistanis working for betterment of their communities.