

HUDA ZOGHBI

READING HUMANITY'S CODE

Meet Dr. Huda Zoghbi. She was born and raised in Beirut, Lebanon.



She enjoyed math and science as a child, but she also loved to read and wanted to study literature. Her mother pushed her to study medicine, wanting her daughter to pursue a career where she could support herself independently.

When the Lebanese Civil War began to escalate in 1976, Zoghbi's parents sent her to live with family in Austin, Texas. Although she had missed enrollment, she was accepted at HBCU Meharry Medical University where she completed her M.D. in 1979. Her post-doctoral research focused on pediatric neurology.



In 1983, while reading the Annals of Neurology, Zoghbi read about a genetic disorder identified in 1966 by Austrian pediatrician Andreas Rett. After examining medical records, she found several cases where Rett Syndrome had been misdiagnosed.

Zoghbi joined a research group focused on genetics and molecular biology in 1985. She left in 1988 to establish her own lab after being discouraged from focusing on Rett Syndrome due to its (then) unknown mode of genetic inheritance.

In 1999, Zoghbi's lab identified the causative gene of Rett Syndrome, a protein known as MECP2 that is vital for the function of brain cells.

She currently serves as the director of Baylor's Zoghbi Lab, dedicated to the research of neurodegenerative diseases and the genetics of neurodevelopment.

Artist: Eleanor Green

SCAN THE QR CODE TO LEARN MORE ABOUT HUDA ZOGHBI AND HER WORK



WONG TSU

SEEING THE WORLD FROM THE SKIES

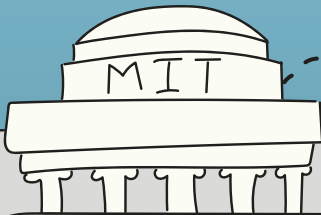


Meet Wong Tsu. He is recognized as Boeing's first aeronautical engineer.



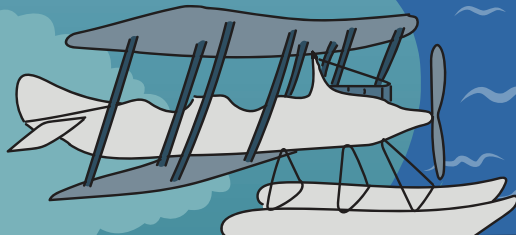
Wong was born and raised in Beijing, China, but his studies would take him around the world, starting when he was sent to England to study naval engineering at the age of 16.

A few years later, despite the Chinese Exclusion Act, Wong moved to the United States and joined MIT's fledgling aviation program. He completed his degree in 1916 with a thesis titled Air Resistance of Cylinder Combinations.



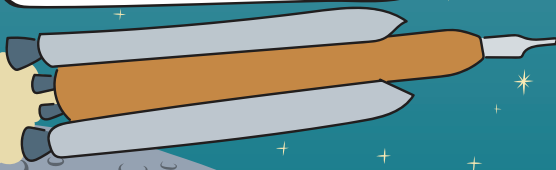
After finishing his degree, Wong moved to Seattle, Washington, after being hired as the first aeronautical engineer at Boeing, then known as Pacific Aero Products Co.

On November 15, 1916, a Model C plane designed by Wong and mechanical engineer James Foley performed a successful flight over Lake Union.



After about a year at Boeing, Wong returned to China where he worked as an engineer. He later moved to Taiwan, where he taught aviation at National Cheng Kung University.

Today, Boeing is an integral part of NASA's Artemis program, designing and building the core stage of Space Launch System (SLS) rockets that launched Artemis I & II into outer space.



SCAN THE QR CODE
TO LEARN MORE
ABOUT WONG TSU'S
IMPACT ON BOEING
AND THE FUTURE

