

# Stanford

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## Waguih S Ishak

Adjunct Professor, Electrical Engineering

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### Bio

#### BIO

Waguih is a Division VP & Chief Technologist at Corning R&D Corporation. He received his B.Sc. Honor in EE from Cairo University in 1971, his B.Sc. in Math Honor from Ein Shams University in 1973, his M.Sc. and Ph.D. in EE from McMaster University in 1975, 1978 respectively. Waguih received the Stanford Executive Program in 1999 and the D.Sc. honoris Causa from McMaster University in 2018.

Waguih joined HP Labs in 1978 and became the Director of the Photonics & Electronics Research Lab in 1995. In 1999, he joined Agilent Labs as the VP of Communications and Optics Research and Avago Technologies at VP and CTO in 2005. In 2007, Waguih joined Corning Incorporated and established the Corning West Technology Center in Palo Alto staffed with scientists and engineers conducting research on displays, interconnects and sensors. His current activities at Corning R&D Corporation includes Photonics, Optoelectronics, High Speed Electronics, MEMS in addition to identifying new areas of growth (M&A, Talent Acquisition) and investigating computational techniques for material discovery.

Waguih is a Life Fellow of IEEE and received the Exemplary Service Award from UCSB in 2015. He is a member of the VCAT Committee of NIST. Waguih was inducted a Fellow of the Canadian Academy of Engineering in 2020 and was elected to the US National Academy of Engineering in 2022.