



## Achintya K. Bhowmik, PhD

Adjunct Professor, OHNS/Otology & Neurotology Division

### Bio

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#### BIO

Dr. Achin Bhowmik serves on the faculty of Stanford University as an adjunct professor at the Stanford School of Medicine, where he advises research and lectures in the areas of sensory augmentation, computational perception, cognitive neuroscience, and intelligent systems. He is also an affiliate faculty member of the Stanford Institute for Human-Centered Artificial Intelligence, Wu Tsai Neurosciences Institute and Human Performance Alliance, and a mentor for the Stanford Institutes of Medicine Summer Research Program.

Dr. Bhowmik is the chief technology officer and executive vice president of engineering at Starkey Hearing Technologies, a privately-held medical devices company with over 5,000 employees and operations in over 100 countries worldwide. In this role, he is responsible for the company's technology strategy, research and development, engineering and program management departments, and leading the drive to transform hearing aids into multifunction wearable health and communication devices with advanced sensors and artificial intelligence.

Previously, Dr. Bhowmik was the vice president and general manager of the Perceptual Computing Group at Intel Corporation, where he was responsible for the R&D, engineering, operations, and businesses in the areas of 3D sensing and interactive computing, computer vision and artificial intelligence, autonomous robots and drones, and immersive virtual and merged reality devices.

Dr. Bhowmik is a member of the Forbes Technology Council, board of trustees for the National Captioning Institute, board of directors for Mojo Vision and OpenCV, board of advisors for the Fung Institute for Engineering Leadership at the University of California, Berkeley, and industry advisory board for the Institute for Engineering in Medicine and Biomedical Engineering at the University of Minnesota. He is also on the board of advisors for several technology startup companies.

He has also held adjunct and guest professor positions at the University of California, Berkeley, Liquid Crystal Institute of the Kent State University, Kyung Hee University, Seoul, and the Indian Institute of Technology, Gandhinagar. He received his Bachelor of Technology from the Indian Institute of Technology, Kanpur, PhD from Auburn University, and attended the Executive Program at Stanford University. He has authored over 200 publications, including two books and over 80 granted patents.

His awards and honors include Fellow of the Institute of Electrical and Electronics Engineers (IEEE), President and Fellow of the Society for Information Display (SID), Fellow of the Asia-Pacific Artificial Intelligence Association (AAIA), Artificial Intelligence Excellence award by the Business Intelligence Group, Gold Globee award for "Most Innovative Person of the Year in Healthcare", Top 25 Healthcare Technology CTOs by the Healthcare Technology Report, Notable Leaders

in Healthcare by Twin Cities Business, Healthcare Heroes award by the Business Journals, Industrial Distinguished Leader award from the Asia-Pacific Signal and Information Processing Association, TIME's Best Inventions, and the Red Dot Design award.

Dr. Bhowmik and his work have been covered in numerous press articles, including TIME, Fortune, Wired, USA Today, US News & World Reports, Wall Street Journal, CBS News, BBC, Forbes, Bloomberg Businessweek, Scientific American, Popular Mechanics, MIT Technology Review, EE Times, The Verge, etc.

#### **INSTITUTE AFFILIATIONS**

- Member, Wu Tsai Human Performance Alliance
- Member, Wu Tsai Neurosciences Institute