



## Will Allen

HP Fellow

Printing and Personal Systems Group

Hewlett-Packard Company

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Will Allen is an inventor and innovator in the Core Technologies group in HP Printing and Personal Systems' Office of the CTO. For thirty years, Allen has been deeply engaged with inventing and commercializing digital technology, contributing to HP programs with global impact in instrumentation, inkjet printing at all scales, digital projection displays, and services. His current areas of interest include the future of the workplace and mobile technology, Internet of Things, enterprise and consumer printing services, pan-organization innovation, and HP technical career path governance.

Previously, Allen was the Lead Strategist for the Applied Innovation team in HP Enterprise Services Office of the CTO. He also led architecture and reliability efforts on HP's consumer web-connected and mobile printing assets. Will was involved in early R&D efforts on the HP Sprout project, leading the senior architecture team. He was Chief Technologist of the Graphics Solutions Business in HP's Imaging & Printing Group, where he managed internal printing technology investments, and guided deployment of next-generation inkjet technologies across a wide range of product families. He was also Chief Scientist for HP's projection display business.

Allen invented wobulation technology, which doubled the resolution of HP Pavilion rear-projection displays, was co-inventor of HP's first digital projector, and spent three years at the HP's Barcelona site creating HP's first six-color large format printer. Earlier in his career, Allen engineered color imaging into the DeskJet printer line. He also proliferated image quality measurement practices across the company, was a co-inventor of HP ColorSmart, and was architecture lead for the HP 16500A Logic Analysis System, HP's first product with a color touch graphical user interface.

A named inventor on 71 US patents, Allen was the imaging systems lead for the HP DeskJet 690 Series printers, which won a 1997 American Product Excellence (APEX) award. In 2004, Wobulation was declared "Best of What's New" by Popular Science. Allen is a graduate of Purdue University, from which he received a B.S. in computer science.