

## Executive Biography

### Dr. Lihua Zhao

Global Head of 3D

Lab, HP Labs

HP Distinguished

Technologist

HP Inc.



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Dr. Lihua Zhao, HP Distinguished Technologist, is Global Head of 3D lab at HP Labs. In this role, she leads an elite research team to advance HP's 3D printing technology for future industrial revolution.

Dr. Zhao joined HP in January 2009 and spent 4 years leading research efforts on materials design and development for flexible electronics, as well as device fabrication for OLED flexible displays using roll-to-roll processed TFT backplane.

Drawing from her expertise in chemistry, material science and processes, Dr. Zhao is a requested speaker and has delivered many presentations. She's published more than 20 peer-reviewed papers including an invited feature paper and crafted numerous conference papers. Dr. Zhao has completed over 90 patent applications and invention disclosures in areas of chemical formulation, 3D printing, and flexible electronics.

Prior to joining HP, Dr. Zhao was an Assistant Research Scientist at University of California, Berkeley. In this role, she led research to develop new materials for flexible displays in a collaborative effort with tech industry in which she was invited to work with HP Labs as a visiting scientist.

Dr. Zhao is also keen on encouraging, mentoring and developing young scientists and engineers, especially women and minorities. She has quickly established herself as an exemplary role model for HP's technical women and contributes in the community, sharing her insights and advice.

She received her Ph.D. in Organic Chemistry and Materials Science from University of California, Irvine in 2006 and her B.S. and M.S. degree in Chemistry in China. She was honored 2019 Inductee, Hall of Fame, School of Physical Science, UC Irvine, named 2017 Women Worth Watching in STEM, and won HP 2017 Best Disruption Award with her team.

Dr. Zhao has two daughters and enjoys sharing her love of science and growing together with her family.