

Dr. Julia J. Brown

Executive Vice President and Chief Technical Officer
(Universal Display Corporation, USA)



Julie Brown is Executive Vice President and Chief Technical Officer of Universal Display Corporation (UDC). Since joining UDC in 1998, Dr. Brown spearheads the R&D vision of the Company, from its start-up years to its successful commercial present, and continues to create and shape the Company's innovation strategy for its future growth. She has driven and advanced UDC's technical vision and excellence to firmly position the Company as a leader in the invention, development, and commercialization of state-of-the-art OLED technologies and phosphorescent materials.

Previously, Dr. Brown was at Hughes Research Laboratories, where she directed the pilot line production of high-speed Indium Phosphide-based integrated circuits for insertion into advanced airborne radar and satellite communication systems (1991-1997). Dr. Brown earned her B.S. from Cornell University (1983) and then was at Raytheon Company (1983-1984) and AT&T Bell Laboratories (1984-1986). Dr. Brown received her Ph.D. (1991) in Electrical Engineering/Electrophysics from the University of Southern California.

Dr. Brown is an elected IEEE Fellow, elected SID Fellow, and inductee into the New Jersey High Tech Hall of Fame. In 2020, the Society for Information Display (SID) awarded Dr. Brown the prestigious Karl Ferdinand Braun Prize for her outstanding technical achievements and contributions to the development and commercialization of phosphorescent OLED materials and display technology. In 2021, Dr. Brown was elected to the U.S. National Academy of Engineering (NAE) for her contributions to materials and device technologies for phosphorescent light emitting diode displays, and their commercialization. In 2022, Dr. Brown received the Honorary Award of the Korean Information Display Society (KIDS) in recognition of her outstanding service and contribution to Korea's display industry and technology. Dr. Brown is a member of the board of directors of Adesis, Inc. and OVJP Corporation (UDC wholly-owned subsidiaries).