

**Chuck Xu, Ph.D.**  
**Vice President and General Manager (VPGM)**  
**DuPont Non-Core Division and PVAM**

Dr. Xu acts as VPGM of DuPont Photovoltaic and Advanced Materials (PVAM) business unit providing materials solutions for solar energy, aircraft, automotive, telecom and the consumer electronics industries, in addition to leading DuPont's Non-Core division, a \$2B portfolio of multiple global businesses including biomaterials, environmental technology solutions, photovoltaics (PV), and advanced materials.

Dr. Xu has held a variety of global leadership positions since he joined DuPont in 2002 as Vice President of Marketing and Business Development of DuPont Photonics Technologies, LLC. He served as Business Development Director for the DuPont Displays from 2005 to 2007 and General Manager for the DuPont LCD Solutions business from 2007 to 2008. In late 2008, he became President of DuPont Authentication Inc., a global leader providing total anti-counterfeit solutions to brand owners and government agencies. He expatriated from the U.S. to Hong Kong in August 2010 as Managing Director and CEO of DuPont Apollo Ltd., a DuPont subsidiary providing silicon-based thin film solar PV modules and systems. Dr. Xu repatriated to the U.S. in 2013 as the Global Business Director of the DuPont Photovoltaic Solutions business, the world's largest non-silicon PV materials provider enabling exponential growth of the \$100B+ solar PV industry.

Before joining DuPont, Dr. Xu was Executive Director of Telephotonics, Inc., a U.S. based venture capital funded telecom startup. He played a key role in the development of the company, transforming it from an R&D organization to a commercial business and leading its acquisition by DuPont in July 2002. Prior to joining Telephotonics, Dr. Xu spent six years at Honeywell assuming a variety of technology and management roles.

Born in China, Dr. Xu received his Bachelor of Science degree in Chemistry from Peking University, a Ph.D. in Chemistry from the University of Southern California and an MBA from Columbia University.