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**Professor Ismat Shah** received his Ph.D. in Materials Science from the University of Illinois at Urbana-Champaign in 1987. He worked for DuPont Company as a Senior Research Scientist for 12 years before joining the University of Delaware. At the University of Delaware he has a joint appointment in the Departments of Materials Science and Engineering and Physics and Astronomy.

Professor Shah's group has been involved in research in materials physics based on thin films and nanostructured materials for a variety energy and environment applications. His expertise is in the areas of PVD and CVD processes, photovoltaics, photocatalysis, electronic materials, nanomagnetism, and environmental materials, etc. His recent projects include hybrid solar cells where synergy between organic and inorganic materials is exploited, photoelectrochemistry as a way of hydrolysis for hydrogen generation, and human interactions with new materials and technologies.