



HONORARY FELLOWS

KATHLEEN RICHARDSON USA



Prof. Kathleen Richardson is Pegasus Professor of Optics and Materials Science and Engineering at the University of Central Florida and recently was awarded UCF's *Florida Photonics Center of Excellence (FPCE)* professorship recognizing her efforts in education, training and partnership with Industry. A graduate of the NYS College of Ceramics at Alfred University (PhD 1992), she is a recognized international expert in the design, processing and characterization of infrared optical materials. Most recently, these efforts have extended to the integration of chalcogenide glass materials onto silicon-based and flexible microphotonic platforms, evaluating multi-material radiation-induced structure/property modification mechanisms and the creation of optically functional components based on gradient index nanocomposites. As a result of more than 25 years in the processing of infrared optical materials, Dr. Richardson has published more than 300 peer-reviewed publications, proceedings and book chapters, 14 patents in process or issued and over 7900 citations.

In 2016, Prof. Richardson received the George W. Morey Award from the American Ceramic Society (ACerS) and the Sir Richard Brooks award from the European Ceramic Society (ECerS) based on her sustained efforts in research and education in ceramics and glass science and engineering. She is a Past-President of the ACerS and the National Institute of Ceramic Engineers (NICE), a past member of the Board of Directors of the Society of Photo-Optical Instrumentation Engineers (SPIE), and the Coordinating Technical Committee (CTC) of the International Commission on Glass (ICG). Most recently she has been appointed to the ICG's Advisory Board. Dr. Richardson currently serves on the External Advisory Board (EAB) for the U.S. DoE's Savannah River National Laboratory, and is a founding Trustee of the *Ceramic and Glass Industry Foundation (CGIF)* which aims to enhance education and training opportunities for the next generation of ceramic and glass engineers and scientists. She is a Fellow of ACerS, the Society of Glass Technology (UK), SPIE and the Optical Society of America (OSA). Since 2006, she has served as a member of the Board of Trustees at Alfred University.