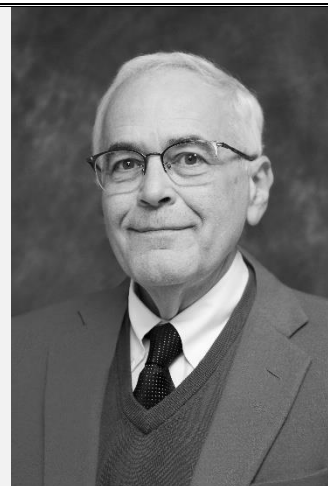


The 19th U.S.–Korea Forum on Nanotechnology

Emeritus Professor, Bruce Gnade

University of Texas at Dallas, USA



Photo

Bruce Gnade received his BA in Chemistry from St. Louis University in 1976 and his Ph.D. in Nuclear Chemistry from the Georgia Institute of Technology in 1982. He is Professor Emeritus at UT Dallas and Chief Scientist at Mustang Optics. He was the Executive Director of the Hart Center for Engineering Leadership in the Lyle School of Engineering at SMU from 2017-2022, the Vice President for Research and the Distinguished Chair in Microelectronics at UT Dallas from 2006-2016, and a program manager in the Microsystems Technology Office at the Defense Advanced Research Projects Agency (DARPA) from 1996-1999. At Texas Instruments he led several research and technology groups from 1982-1996. His current research interests focus on electronics for harsh environments and using optical techniques to solve problems. He is a Fellow of APS, IEEE, and National Academy of Inventors, and was Chair of the Board of Directors of Oak Ridge Associated Universities from 2021-2023. He was awarded the IEEE J.J. Ebers award in 2021. He has authored or co-authored > 200 refereed journal papers, 79 U.S. and 55 foreign patents.