Dr Chris D. Geddes, Ph.D., Professor (*h-index*: 40), has extensive experience in fluorescence spectroscopy, particularly in fluorescence sensing and metal-fluorophore interactions, publishing over 250 papers and 30 books. Dr Geddes currently holds > 100 world-wide patents in fluorescence spectroscopy and Plasmonics, many of which are licensed to Industry.

Dr Geddes is internationally known in fluorescence and plasmonics and his laboratory is widely attributed to the development of the Metal-Enhanced Fluorescence (MEF) and other fluorescence-plasmonics technologies, his work being cited > 5000 times today. He is the editor-in-chief of the *Journal of Fluorescence* and founding editor-in-chief of the *Who’s Who in Fluorescence*, *Annual Reviews in Fluorescence* and the *Annual Reviews in Plasmonics* volumes. In addition, due to his labs’ pioneering efforts in the fields of metallic nanoparticle-fluorophore interactions, Dr Geddes launched a Springer Journal "Plasmonics" in 2005, today one of the leading peer-reviewed journals in the field.

 Dr Geddes is Director of the Institute of Fluorescence, a dept. within UMBC, which focuses on the nano-bio-technological applications of fluorescence. Dr Geddes was a permanent member of the NIH’s EBIT (Enabling Biotechnology and Imaging) study section (2008-2012) and chaired the NIH’s (National Institute of Health’s) Analytical and BioAnalytical SBIR study section from ~ 2004-2009. Dr Geddes is fortunate to have been mentored by Dr Peter Douglas at the University of Wales Swansea for his Ph.D. studies, himself a student of Nobel Laureate George Porter and significant collaborations later in life with Professor Joseph R. Lakowicz. Professor’s Geddes and Lakowicz have published > 75 peer-reviewed papers and numerous edited volumes together during their past highly-successful collaborations between 2001-2005.

Dr Geddes has created several companies in years past, most notably Dr Geddes co-founded “Plasmonix Inc” in 2009, originally spun out from the University of Maryland Biotechnology Institute (UMBI), <http://plasmonixinc.com/> Plasmonix is today located in UMBC’s south campus BioPark and leads the world in Plasmonics products and surfaces for Metal-Enhanced Fluorescence applications.

Dr Geddes is a fellow of both the Institute of Physics and the Royal Society of Chemistry, FRSC.