

E. S. Peterson

### Biography

Eric Peterson is a Consulting Scientist at Idaho National Laboratory (INL) where he has spent the past 19 years performing research on polymeric and related materials. His current research interest is understanding of inter- and intra- molecular interactions. Dr. Peterson received undergraduate education in chemistry and biology at Concordia College in Moorhead, MN, his Ph.D. from Montana State University in Bozeman, MT, followed by postdoctoral training at University of Missouri-Rolla (1.5 years, polymers), and Ames Laboratory, Ames, IA (1.5 years, solid phase chemistry). Eric has authored/coauthored 58 peer reviewed articles, 22 DOE reports, 2 book chapters, 4 classified reports, and has authored/coauthored 12 issued US Patents with 7 patents pending. Eric spent two years at the National Science Foundation's Directorate of Engineering's Chemical Transport Systems Division running the Separation Science Program followed by an IPA appointment running two programs that sought fundamental understanding of Nuclear Materials Detection (\$25 million) and Explosives Detection (\$20 million). Upon his return to INL, Eric was asked to lead the Laboratory's Process Science and Technology Business Line – a position that he currently holds.