



Biographical Sketch—Kurt E. Sickafus

Kurt Sickafus has been an experimental researcher in the field of materials science for about 25 years, investigating problems in metals, polymers, and ceramics in bulk, thin-film, and composite forms. Having earned a doctorate of science degree in materials science and engineering from Cornell University, his research interests relate primarily to ceramics and specifically to radiation damage effects and to crystallography and microstructure. Kurt is currently a project leader at Los Alamos National Laboratory (LANL) for a research program in radiation damage effects in ceramics. One of his passions is teaching and mentoring young scientists. He has taught short courses on radiation effects and materials both at LANL and at Kyushu University. He has also taught joint undergraduate/graduate courses in scanning electron microscopy and diffusion in solids at New Mexico Tech, as well as courses in crystallography, solid-state chemistry, and radiation effects in materials at the University of New Mexico-Los Alamos campus. Kurt is currently president of the New Mexico chapter of the Materials Research Society and serves on the advisory editorial board of the *Journal of Nuclear Materials*. He is a fellow of the American Ceramic Society and an active member in several professional organizations, including the American Nuclear Society, American Chemical Society, and American Physical Society. Kurt has authored more 170 publications, including two textbooks.