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April McMillan is a staff member of the Modeling and Simulation Group in the Computational Sciences and Engineering Division at Oak Ridge National Laboratory. Ms. McMillan has worked on and directed multidisciplinary research teams combining expertise in novel materials synthesis and processing, testing in complex environments, and characterization involving materials science, polymer chemistry, metallurgy, tribology, mechanical engineering, ceramic engineering, and biology. Applications of her work include biomedical (civilian and military), thermal management (civilian and military), and materials processing (civilian). She authors/coauthors 53 reports and papers in the open literature, is co-author of one book chapter, and holds 12 patents. Her undergraduate work was in Microbiology from Carson-Newman College, with her graduate work at Kennedy-Western University in Materials Science and Engineering.