

Margaret Burke Emmett

PROFESSIONAL EXPERIENCE: 1960 - present - Oak Ridge National Laboratory (originally Union Carbide Nuclear but now UT Battelle, LLC) in the Nuclear Analysis Methods and Applications Group of the Nuclear Science and Technology Division. Technical Computing Consultant - Nuclear Engineer - Work Force Diversity Representative - Facility Manager of Building 6011. Area of expertise is in Monte Carlo calculations and code development. Primary responsibility for development and maintenance of all current Oak Ridge versions of the MORSE Monte Carlo code system and the two SCALE shielding analysis systems, SAS3 and SAS4 that include MORSE-SGC. Serve as Configuration Coordinator for the SCALE system. Have taught Tennessee Industries Week course at UT. Member of a People to People delegation of American Nuclear Community Leaders to the Soviet Union, Hungary and Czechoslovakia in 1986, visiting with the nuclear scientists of these countries at their institutes.