

Brooke R. Buddemeier has Agreed to Co-Chair Program Area Committee 3 on Nuclear and Radiological Security and Safety

The National Council on Radiation Protection and Measurements (NCRP) is pleased to announce that Brooke R. Buddemeier, Health Physicist and Principle Investigator of Preparedness and Response programs at Lawrence Livermore National Laboratory (LLNL), has been appointed Co-Chair of Program Area Committee (PAC) 3 on Nuclear and Radiological Security and Safety. He joins recently appointed Scientific Vice President Tammy P. Taylor.



Mr. Buddemeier supports LLNL's Preparedness and Response program and leads efforts to provide sound supporting science for nuclear terrorism response planning and radiological response preparedness activities through advanced modeling and close coordination with federal, state, and local response organizations. From 2003 through 2007, he was on assignment with the Department of Homeland Security's as the weapons of mass destruction emergency response and consequence management program manager for Science and Technology's emergency preparedness and response portfolio. He supported Federal Emergency Management Agency and the Homeland Security Operations Center as a radiological emergency response subject matter expert. He also facilitated the department's research, development, test and evaluation process to improve emergency response through better capabilities, protocols and standards. Prior to that, he was part of the LLNL Nuclear Counterterrorism Program and coordinated LLNL's involvement in the National Nuclear Security Administration's Radiological Assistance Program (RAP) for California, Nevada and Hawaii. RAP is a national emergency response resource that assists federal, state and local authorities in the event of a radiological incident. As part of RAP's outreach efforts, Mr. Buddemeier has provided radiological responder training and instrumentation workshops to police, firefighters, and members of other agencies throughout the nation and abroad. He has also provided operational health physics support for various radiochemistry, plutonium handling, accelerator and dosimetry operations.

Mr. Buddemeier is a Certified Health Physicist who received his Master's in Radiological Health Physics from San Jose State University and a BS in Nuclear Engineering from the University of California, Santa Barbara.

Mr. Buddemeier is a member of NCRP and served on the scientific committees which developed Commentary No. 19, *Key Elements of Preparing Emergency Responders for Nuclear and Radiological Terrorism* (2005), NCRP Report No. 165, *Responding to a Radiological or Nuclear Terrorism Incident: A Guide for Decision Makers* (2010), and NCRP Report 175, *Decision Making for Late-Phase Recovery from Major Nuclear or Radiological Incidents*.