

# Saving Lives After a Nuclear Detonation

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Brooke Buddemeier is a certified health physicist in the Global Security Directorate of Lawrence Livermore National Laboratory (LLNL), providing technical leadership to deliver supporting science for radiological and nuclear terrorism risk assessments and response planning. He facilitates response preparedness activities through advanced modeling and close coordination with federal, state, and local response organizations.

Buddemeier is a council member on the National Council on Radiation Protection and Measurements and has served on several scientific committees, including the writing committee for *Responding to a Radiological or Nuclear Terrorism Incident: A Guide for Decision Makers*. He received his Master's in Radiological Health Physics from San Jose State University and his B.S. in Nuclear Engineering from the University of California, Santa Barbara.