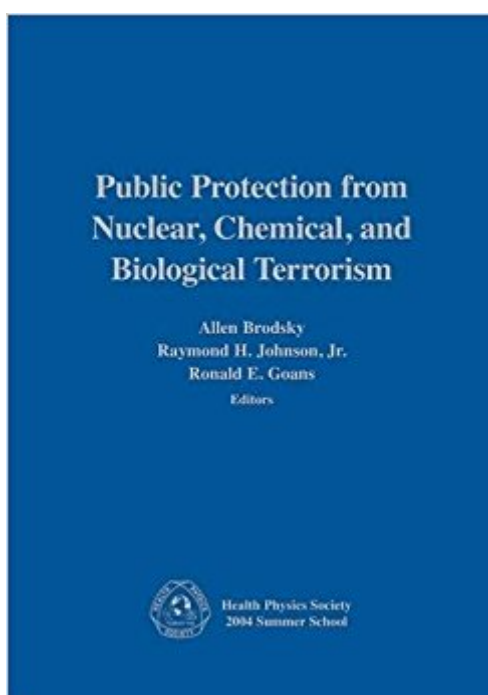


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# Public Protection From Nuclear, Chemical, And Biological Terrorism: Health Physics Society 2004 Summer School



## Synopsis

More than 40 experts discuss principles and lessons learned from past experiences to help the professional understand the rationale for proper planning, assessments, and responses to terrorism. In this comprehensive volume, you will find extensive rules of thumb and data needed for the quick actions necessary to save life and prevent panic in the immediate aftermath of a terrorist attack. Appendices provide information for rapid medical assessment, an extensive list of web resources, and much more. A 24-page, 1,800-entry index makes finding the specific information you need easy and fast

## Book Information

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## Customer Reviews

"This book is a compilation of papers written by prominent health physicists and scientists on the subject of public protection from nuclear, chemical and biological terrorism. The book covers nuclear terrorism in more detail than the other threats." Terrorism and terrorist activities are not new, but they are becoming more sophisticated in their methods and global applications. What used to be a declared or undeclared war between nations has changed into small groups of people from one society going against another society to cause financial, psychological, and physical damage as a statement of their point of view or belief. The book starts with an introduction to terrorism and its social and psychological effects on the general public. Since September 11, 2001 these threats are more real, and the opportunities for terrorism are significant when we consider the modern modes of goods and public transportation in the world and their various vulnerabilities to attack by terrorists. The book covers the training of emergency responders to radiological, chemical and biological

terrorism, with a brief history followed by an easy-to-understand training format. The important chapter on instrumentation is clearly written, which is important because first responders may be local police or fire department personnel with limited education and training with these devices. The rapid dose estimation calculations provided will be useful to the health physicists, radiation safety officers and industrial hygienists handling an emergency situation."The chapter on hospital response is covered in great detail, and provides information on patient assessment, decontamination procedures, and possible treatment options. This chapter will be useful for hospitals in their allocation of resources and personnel to handle an emergency situation. The roles of local, state, and federal agencies are well explained. I was fascinated with the chapter on fear, its psychological effects, and suggestions on how to deal with them."This is a complete textbook for training early responders to public protection from nuclear, chemical, and biological terrorism. It is a current, thoroughly enjoyable comprehensive text that teachers and students will enjoy and appreciate. After working in a regulatory agency for many years and handling many radiological emergency situations (simple and complex, big and small), I really appreciate this book and strongly recommend it to regulatory personnel, radiation and chemical safety officers, and industrial hygienists, as well as to emergency personnel who will initially respond to crises." --Medical Physics | August 2005 | 190

This book is still available from Medical Physics Publishing, 4513 Vernon Blvd., Madison, WI 53705, 1-800-442-5778. It provides chapters by about 40 scientific experts and practitioners throughout the USA with the most experience in measuring and assessing risks of weapons of mass destruction, or other releases of toxic agents. It was sponsored by, and used as a text for, a one-week Health Physics Society course in 2004, in "Public Protection from Nuclear, Chemical, and Biological Terrorism," the title of the book. Unfortunately, in official government publications, much of the unique information in this book has been overlooked. Thus, it is still of vital importance that those involved in homeland security programs read the chapters in this book. The Foreword in this book, written by a Past President of the Health Physics Society, George Anastas, includes, "...The content of this textbook is unique in its breadth and depth of content, and also for the extensive rules of thumb and data needed for the rapid actions to save life and prevent panic in the aftermath of a radiological or nuclear attack, or in the recovery period..."

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Summer School Nuclear Prepared - How to Prepare for a Nuclear Attack and What to do Following

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