

The Response to September 11: A Disaster Case Study

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ABSTRACT

Background: The response to 9/11 continues into its 14th year. The World Trade Center Health Program (WTCHP), a long-term monitoring and treatment program now funded by the Zadroga Act of 2010, includes >60,000 World Trade Center (WTC) disaster responders and community members ("survivors"). The aim of this review is to identify several elements that have had a critical impact on the evolution of the WTC response and, directly or indirectly, the health of the WTC-exposed population. It further explores post-disaster monitoring efforts, recent scientific findings from the WTCHP, and some implications of this experience for ongoing and future environmental disaster response.

Findings: Transparency and responsiveness, site safety and worker training, assessment of acute and chronic exposure, and development of clinical expertise are interconnected elements determining efficacy of disaster response.

Conclusion: Even in a relatively well-resourced environment, challenges regarding allocation of appropriate attention to vulnerable populations and integration of treatment response to significant medical and mental health comorbidities remain areas of ongoing programmatic development.

Key Words: disaster response, environmental disaster, 9/11, post-disaster health surveillance, World Trade Center

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INTRODUCTION

The response to 9/11 continues into its 14th year. More than 60,000 World Trade Center (WTC) responders and community members ("survivors") participate in the World Trade Center Health Program (WTCHP), a long-term monitoring and treatment program now funded by the Zadroga Act of 2011. Here we review key aspects of the response to 9/11 that have affected the health of the exposed population, subsequent monitoring efforts,

recent scientific findings from the WTCHP, and some implications of this experience for ongoing or future environmental disaster response.

THE IMMEDIATE RESPONSE TO THE WTC DISASTER: COORDINATION AND SITE SAFETY

The extremely chaotic conditions at the WTC site challenged the coordination of rescue and recovery efforts there. The New York City Office of Emergency Management (OEM), headquartered at the WTC, lost its entire command center. This was a major blow to the city's overall emergency response. The OEM was the intended coordinator of emergency response among ~150 agencies. OEM employees were forced to evacuate in the early hours of the disaster. Many telephone, power, and computer lines were down. The police had closed off lower Manhattan, making it difficult for officials to get past checkpoints without badges.

These circumstances also complicated the federal government's ability to respond to environmental and safety concerns. The Federal Emergency Management

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September 11 A Case For The Higher Purpose

Christina Hoff Sommers, Sally L. Satel



September 11 A Case For The Higher Purpose:

Counterterrorism Ronald Crelinsten, 2013-04-17 Terrorism has emerged as one of the most problematic issues facing national governments and the international community in the 21st century But how is it possible to counter terrorism in a world in which governance is still dominated by the nation state Are we seeing new forms of terrorist activity in the wake of 9 11 Are pre 9 11 approaches still valid How can we combat and control diverse threats of multiple origin Who should be responsible for countering terrorism and in what circumstances In this incisive new book Ronald Crelinsten seeks to provide answers to these pressing questions challenging readers to think beyond disciplinary and jurisdictional boundaries He presents an up to date and comprehensive introduction to the difficulties and obstacles related to countering terrorism in democratic societies The counterterrorism framework that he develops in this book reflects the complex world in which we live The different approaches to counterterrorism provide the organizing theme of the book and help the reader to understand and to appreciate the full range of options available The book includes a host of contemporary examples and further readings compares and contrasts pre and post 9 11 approaches critically evaluates the post 9 11 war on terror moves beyond a purely state centric focus to include non state actors and institutions combines hard and soft power approaches considers prevention preparedness response and recovery Counterterrorism will be an indispensable guide for students researchers practitioners and general readers wanting to broaden their knowledge of the possibilities and limitations of counterterrorism today

September 11 Abhinav Aggarwal, 2003 This Book was written because in todays world most People turn to the wrong advisors They go to a Psychic or Fortune Teller If they would follow their learned Religion as they had grown up with they would not need ot go anywhere else but read the Bible look to the Heavens for answers because that is where the thru help is coming from but they also need to believe in God for he is the only one who really can help no matter what As he has proven to me over and over again throughout my whole Life Monika Grunwald Schutz A CBO Study: Recruiting, Retention, and Future Levels of Military Personnel, October 2006 ,2006

Reports of Cases Argued and Determined in the High Court of Chancery Great Britain. Court of Chancery, 1827 **Habeas Corpus after 9/11**

Jonathan Hafetz, 2011-01-04 2012 American Bar Association Gavel Award Honorable Mention for Books 2012 Scribes Book Silver Medal Award presented by the American Society of Legal Writers The U S detention center at Guant namo Bay has long been synonymous with torture secrecy and the abuse of executive power It has come to epitomize lawlessness and has sparked protracted legal battles and political debate For too long however Guant namo has been viewed in isolation and has overshadowed a larger interconnected global detention system that includes other military prisons such as Bagram Air Base in Afghanistan secret CIA jails and the transfer of prisoners to other countries for torture Guant namo is simply and alarmingly the most visible example of a much larger prison system designed to operate outside the law Habeas Corpus after 9 11 examines the rise of the U S run global detention system that emerged after 9 11 and the efforts to challenge it through

habeas corpus a petition to appear in court to claim unlawful imprisonment Habeas expert and litigator Jonathan Hafetz gives us an insider's view of the detention of enemy combatants and an accessible explanation of the complex forces that keep these systems running In the age of terrorism some argue that habeas corpus is impractical and unwise Hafetz advocates that it remains the single most important check against arbitrary and unlawful detention torture and the abuse of executive power Departments of Labor, Health and Human Services, Education, and Related Agencies Appropriations for 2004 United States. Congress. House. Committee on Appropriations. Subcommittee on the Departments of Labor, Health and Human Services, Education, and Related Agencies, 2003 An Introduction to the International Criminal Court William Schabas, 2007-10-18 The International Criminal Court ushers in a new era in the protection of human rights The Court will prosecute genocide crimes against humanity and war crimes when national justice systems are either unwilling or unable to do so themselves This third revised edition considers the initial rulings by the Pre Trial Chambers and the Appeals Chamber and the cases it is prosecuting namely Democratic Republic of Congo northern Uganda Darfur as well as those where it had decided not to proceed such as Iraq The law of the Court up to and including its ruling on a confirmation hearing committing Chalres Lubanga for trial on child soldiers offences is covered It also addresses the difficulties created by US opposition analysing the ineffectiveness of measures taken by Washington to obstruct the Court and its increasing recognition of the inevitability of the institution Applied Sport Management Skills, Second Edition (With Web Study Guide) Robert N. Lussier, PhD and David C. Kimball, PhD , 9/11 Fiction, Empathy, and Otherness Tim Gauthier, 2015-04-02 9 11 Fiction Empathy and Otherness analyzes recent works of fiction whose principal subject is the attacks of September 11 2001 The readings of the novels question and assess the validity and potential effectiveness of both the subsequent calls for a cosmopolitan outlook and the related but no less significant emphasis placed on empathy and exhibited in such recent studies as Jeremy Rifkin's *The Empathic Civilization* Karsten Stueber's *Rediscovering Empathy* and Julinna Oxley's *The Moral Dimensions of Empathy* As such this study examines the extent to which us and them narratives proliferated after 9 11 and the degree to which calls for greater empathy and a renewed emphasis on cosmopolitan values served to counterbalance an apparent movement towards increased polarization encapsulated in the oft mentioned clash of civilizations A principal objective of the book is thus to examine the ethical and political implications revealed in the exercising or withholding of empathy For though empathy in and of itself may not be sufficient it is nevertheless a vital component in the generation of actions one might identify as cosmopolitan In other words this book examines the responses to 9 11 in both Western and non Western novels in order to uncover what their dramatic renderings might tell us about the possibility of a truly globalized community The attainability of any cosmopolitan engagement is contingent upon our abilities to understand the other knowing always that otherness eludes our grasp and the best we can do is imagine some version of it It is primarily in this capacity that the novel has a role to play Whether it is the challenge of connecting with the survivors of trauma and the

inhabitants of a traumatized city or with a hyperpower that has experienced its own vulnerability for the first time or even with the terrorist who seeks to commit violent acts these novels afford us the means of examining the complex dynamics involved in any exhibition of fellow feeling for the other and the ever present potential failure of that engagement *One Nation Under Therapy* Christina Hoff Sommers, Sally L. Satel, 2005-04 A straightforward assault on disturbing and dangerous trends that have entered the arena of medical care *The New Republic* [Top Ten Global Justice Law Review Articles 2008](#) Amos Guiora, 2009 *Top Ten Global Justice Law Review Articles 2008* is a thorough and accessible review of the most salient the most controversial and the most illuminating essays on security law in the previous calendar year In this edition Professor Amos Guiora presents the ten most vital and pertinent law review articles from 2008 written by both scholars who have already gained international prominence as experts in global justice as well as emerging voices in the realm of international criminal law and human rights These articles deal with issues of terrorism security law environmental law and the preservation of civil liberties in the post 9 11 world The chosen selections derive not just from the high quality and expertise of the articles authors but equally from the wide diversity of legal issues addressed by those authors Guiora combines the expertise of scholars from both eminent law schools and government agencies to provide a valuable resource for scholars and experts researching this important subject area This annual review provides researchers with more than just an authoritative discussion on the most prominent global justice debates of the day it also educates researchers on new issues that have received far too little attention in the press and in academia These expert scholars and leaders tackle and give voice to issues that range from the psychology of terrorism to the role of oil in the Sudanese genocide to the oppression of women in new Arab democracies to transnational environmental cooperation and beyond Together the vast knowledge and independent viewpoints represented by these ten authors make this volume a valuable resource for individuals new to the realm of global justice and for advanced researchers with a sophisticated understanding of the field *Top Ten Global Justice Law Review Articles 2008* serves as a one stop guidebook on how both the U S and the world generally are currently grappling with fundamental principles of social and political life **America's Report Card** John McNally, 2006-07-17 *America's Report Card* offers a brilliant vision of contemporary American life that is frightening darkly hilarious and tinged with satire John McNally tells the story of two unlucky people who forge an improbable yet possibly life saving connection in a world overshadowed by the Patriot Act and No Child Left Behind a world in which hulking government bureaucracies and vast corporations join forces to numb the populace into apathy with various standardization and surveillance programs But McNally sees hope in the daily experiences of his characters sometimes haphazardly by going about their own very particular lives people circumvent the official program and begin to actively claim lives of freedom and dignity *America's Report Card* is an arresting and humane portrait of life taking place in the margins outside the stunted imagination of government and media As in his critically acclaimed novel *The Book of Ralph* McNally dazzles with characters like Jainey O Sullivan a lonely

confused purple and green haired sometime truant Jainey cares so little about high school that on her final standardized test she writes an essay heaping scorn on the test administrators even as she asks her faceless reader for help Charlie Wolf leads a fairy tale graduate student life with just enough money and clout to keep him in books vodka a threadbare apartment and a beautiful intellectual girlfriend But the bohemian dream starts to crumble when Charlie takes a job scoring standardized tests and finds himself surrounded by people who are either plodding blindly along or caught up in wild conspiracy theories When Charlie and Jainey stumble upon one another they also stumble upon their own bravery and compassion They try to protect each other from their habitual bad luck and the shadowy threats lurking at the edges of their lives and what ensues doesn't follow any prescribed course The official version of American life today may get the broad strokes and primary colors right but America's Report Card reveals how the government and the media overlook the corners and shadows where our individual realities unfold all too often in chaotic precarious and bewildering ways This wholly original wildly entertaining novel mirrors our part in the dark but frequently redemptive comedy that is life Reports of Cases Decided in the High Court of Chancery ... Great Britain. Court of Chancery,1847 The Greatest Mystery Ever Revealed: the Mystery of the Will of God Michael Lee King,2016-11-23 Greetings in the name of our Lord and savior Jesus Christ I trust that upon reading this page you are ready to be reminded of or to learn and be taught the strong meat of the word of righteousness For he that attempts to study this work must be of an humble mind and teachable spirit This work possesses many statements and scriptures sure to cause great controversy for babes in Christ and the carnal Christian alike This work began through a prophecy from the Lord to the writer through another preacher prophet It has been through the obedience of the writer and his being taught directly by revelation of the Holy Ghost that this work has proceeded this far The writer declares to know nothing except what the Spirit of Christ has taught him and led him to place upon paper This work is intended to help remind reprove instruct correct and provide a roadmap for those who dare to approach the way called Holiness Index of Specifications and Standards , *Congressional Record* United States. Congress,2003 **Federal Register** ,2013-07

The Power of Full Engagement James E. Loehr,Jim Loehr,Tony Schwartz,2005-01-03 The number of hours in a day is fixed but the quantity and quality of energy available to us is not This fundamental insight has the power to revolutionize the way you live As Jim Loehr and Tony Schwartz demonstrate in their groundbreaking New York Times bestseller managing energy not time is the key to enduring high performance as well as to health happiness and life balance Their Full Engagement Training System is grounded in twenty five years of working with great athletes tennis champ Monica Seles and speed skating gold medalist Dan Jansen to name just two to help them perform more effectively under brutal competitive pressures Now this powerful step by step program will help you to Mobilize four key sources of energy Balance energy expenditure with intermittent energy renewal Expand capacity in the same systematic way that elite athletes do Create highly specific positive energy management rituals The Power of Full Engagement is a highly practical scientifically based

approach to managing your energy more skillfully It provides a clear road map to becoming more physically energized emotionally connected mentally focused and spiritually aligned both on and off the job *Teaching Religion and Film*
Gregory J Watkins, 2008-08-22 In a culture increasingly focused on visual media students have learned not only to embrace multimedia presentations in the classroom but to expect them Such expectations are perhaps more prevalent in a field as dynamic and cross disciplinary as religious studies but the practice nevertheless poses some difficult educational issues the use of movies in academic coursework has far outpaced the scholarship on teaching religion and film What does it mean to utilize film in religious studies and what are the best ways to do it In *Teaching Religion and Film* an interdisciplinary team of scholars thinks about the theoretical and pedagogical concerns involved with the intersection of film and religion in the classroom They examine the use of film to teach specific religious traditions religious theories and perspectives on fundamental human values Some instructors already teach some version of a film and religion course and many have integrated film as an ancillary to achieving central course goals This collection of essays helps them understand the field better and draws the sharp distinction between merely watching movies in the classroom and comprehending film in an informed and critical way **Statistical Bulletin** Metropolitan Life Insurance Company, 1925

September 11 A Case For The Higher Purpose Book Review: Unveiling the Power of Words

In a global driven by information and connectivity, the ability of words has become more evident than ever. They have the capability to inspire, provoke, and ignite change. Such is the essence of the book **September 11 A Case For The Higher Purpose**, a literary masterpiece that delves deep to the significance of words and their affect our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall effect on readers.

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Table of Contents September 11 A Case For The Higher Purpose

1. Understanding the eBook September 11 A Case For The Higher Purpose
 - The Rise of Digital Reading September 11 A Case For The Higher Purpose
 - Advantages of eBooks Over Traditional Books
2. Identifying September 11 A Case For The Higher Purpose
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an September 11 A Case For The Higher Purpose
 - User-Friendly Interface
4. Exploring eBook Recommendations from September 11 A Case For The Higher Purpose
 - Personalized Recommendations
 - September 11 A Case For The Higher Purpose User Reviews and Ratings

- September 11 A Case For The Higher Purpose and Bestseller Lists
- 5. Accessing September 11 A Case For The Higher Purpose Free and Paid eBooks
 - September 11 A Case For The Higher Purpose Public Domain eBooks
 - September 11 A Case For The Higher Purpose eBook Subscription Services
 - September 11 A Case For The Higher Purpose Budget-Friendly Options
- 6. Navigating September 11 A Case For The Higher Purpose eBook Formats
 - ePub, PDF, MOBI, and More
 - September 11 A Case For The Higher Purpose Compatibility with Devices
 - September 11 A Case For The Higher Purpose Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of September 11 A Case For The Higher Purpose
 - Highlighting and Note-Taking September 11 A Case For The Higher Purpose
 - Interactive Elements September 11 A Case For The Higher Purpose
- 8. Staying Engaged with September 11 A Case For The Higher Purpose
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers September 11 A Case For The Higher Purpose
- 9. Balancing eBooks and Physical Books September 11 A Case For The Higher Purpose
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection September 11 A Case For The Higher Purpose
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine September 11 A Case For The Higher Purpose
 - Setting Reading Goals September 11 A Case For The Higher Purpose
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of September 11 A Case For The Higher Purpose
 - Fact-Checking eBook Content of September 11 A Case For The Higher Purpose
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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