

The Hot Zone



The Hot Zone: Unpacking the Science, the Fear, and the Legacy

Stepping into "The Hot Zone" isn't just about reading a book or watching a film; it's about confronting the raw, terrifying reality of deadly viruses and the heroic efforts to contain them. This post delves deep into the world of "The Hot Zone," exploring its factual basis, its impact on public health awareness, and its enduring legacy in shaping our understanding of viral outbreaks. We'll dissect the scientific intricacies, examine the human drama behind the scenes, and consider the implications for our future preparedness against emerging infectious diseases. Prepare to be both informed and captivated by the story behind one of the most gripping narratives in modern science.

H2: The Real-Life Origins of "The Hot Zone"

Richard Preston's non-fiction book, *The Hot Zone*, isn't a work of fiction. It's a meticulously researched account of real-life outbreaks of deadly viruses, most notably Ebola and Marburg. Preston masterfully weaves together scientific details, eyewitness accounts, and gripping narratives to paint a chilling picture of these highly contagious and lethal pathogens. The book details the terrifying potential for these viruses to spill over from animal reservoirs into human populations, causing devastating epidemics.

H3: Ebola's Terrifying Reign

The book highlights the devastating effects of Ebola virus outbreaks, focusing on specific incidents and the challenges faced by scientists and medical professionals in containing its spread. The descriptions of the virus's rapid progression and its horrifying impact on the human body are both scientifically accurate and deeply unsettling, effectively conveying the gravity of the threat.

H3: Marburg's Deadly Shadow

Beyond Ebola, *The Hot Zone* explores the Marburg virus, another filovirus with a similarly high mortality rate. The book details early outbreaks and the intense research efforts to understand its transmission and develop effective countermeasures. This highlights the constant threat posed by these viruses and the need for ongoing vigilance.

H2: The Human Element: Courage in the Face of Danger

While the scientific aspects of *The Hot Zone* are crucial, the book also powerfully portrays the human element of the story. It showcases the dedication, bravery, and even the personal sacrifices of scientists, doctors, and other personnel who risked their lives to understand and contain these deadly outbreaks.

H4: The Unsung Heroes of Public Health

The book profiles individuals who worked tirelessly, often under immense pressure and with limited resources, to prevent wider outbreaks. Their stories underscore the importance of preparedness, collaboration, and the crucial role of public health infrastructure in mitigating the impact of these events.

H4: The Psychological Toll of Confronting Death

The Hot Zone doesn't shy away from depicting the psychological toll of working with highly contagious and lethal pathogens. The book acknowledges the emotional stress, fear, and even trauma experienced by those on the front lines, adding a layer of human complexity to the scientific narrative.

H2: The Hot Zone's Impact and Lasting Legacy

The Hot Zone has had a significant impact beyond its compelling narrative. It significantly raised public awareness of emerging infectious diseases and the potential for devastating pandemics. The book's popularity contributed to increased funding for research and development of countermeasures against these viruses.

H3: Fueling Scientific Advancements

The book's detailed descriptions of the viruses, their transmission mechanisms, and the challenges of containing them spurred further scientific investigations. It helped accelerate research into diagnostics, treatments, and vaccines, ultimately contributing to better preparedness for future outbreaks.

H3: Shaping Public Health Policy

The book's influence extends to shaping public health policies and protocols. The lessons learned from the events described in The Hot Zone have informed strategies for surveillance, containment, and response to emerging infectious diseases, impacting global health security initiatives.

H2: The Ongoing Relevance of "The Hot Zone" in the 21st Century

In a world increasingly interconnected and facing the threat of novel viruses, The Hot Zone's relevance remains undeniable. The book serves as a stark reminder of the ever-present danger of zoonotic diseases and the importance of investing in research, preparedness, and international collaboration to mitigate the risk of future pandemics. The COVID-19 pandemic underscored the timeless message of the book: proactive measures and a well-equipped global health system are crucial in preventing catastrophic outbreaks.

Conclusion

"The Hot Zone" is more than just a captivating read; it's a crucial piece of scientific literature that continues to shape our understanding of infectious diseases and their impact on humanity. By

exploring the scientific details, human stories, and lasting legacy of this gripping narrative, we can better prepare for the challenges posed by emerging infectious diseases and strive towards a safer and healthier future.

FAQs:

1. Is "The Hot Zone" entirely factual? While based on real events and scientific findings, some elements of the book are presented for narrative effect and dramatic license. The core scientific information is generally accurate.
2. What specific viruses are featured prominently in "The Hot Zone"? The book primarily focuses on Ebola and Marburg viruses, detailing their characteristics, transmission, and the challenges of containment.
3. How did "The Hot Zone" impact public health initiatives? It raised public awareness, fueled research into countermeasures, and influenced public health policies and protocols regarding the preparedness for and response to viral outbreaks.
4. Are there any ongoing risks similar to those described in "The Hot Zone"? Yes, the risk of zoonotic spillover events remains high, with new viruses constantly emerging. Ongoing surveillance and proactive measures are crucial.
5. Where can I learn more about the scientific aspects of the viruses discussed in "The Hot Zone"? Reputable scientific journals, public health organizations (like the CDC and WHO), and academic textbooks are excellent resources for detailed information on Ebola, Marburg, and other emerging viruses.

the hot zone: The Hot Zone Richard Preston, 2012-03-14 The bestselling landmark account of the first emergence of the Ebola virus. Now a mini-series drama starring Julianna Margulies, Topher Grace, Liam Cunningham, James D'Arcy, and Noah Emmerich on National Geographic. A highly infectious, deadly virus from the central African rain forest suddenly appears in the suburbs of Washington, D.C. There is no cure. In a few days 90 percent of its victims are dead. A secret military SWAT team of soldiers and scientists is mobilized to stop the outbreak of this exotic hot virus. The Hot Zone tells this dramatic story, giving a hair-raising account of the appearance of rare and lethal viruses and their crashes into the human race. Shocking, frightening, and impossible to ignore, The Hot Zone proves that truth really is scarier than fiction.

the hot zone: The Hot Zone Richard Preston, 1995 Imagine a killer with the infectiousness of the common cold and power of the Black Death. Imagine something so deadly that it wipes out 90% of those it touches. Imagine an organism against which there is no defence. But you don't need to imagine. Such a killer exists: it is a virus and its name is Ebola. The Hot Zone tells what happens when the unthinkable becomes reality: when a deadly virus, from the rain forests of Africa, crosses continents and infects a monkey house ten miles from the White House. Ebola is that reality. It has the power to decimate the world's population. Try not to panic. It will be back. There is nothing you can do...

the hot zone: The Hot Zone Richard Preston, 1995 The virus kills nine out of ten of its victims. Its effects are so quick and so gruesome that even biohazard experts are terrified. It is airborne, it is

extremely contagious, and it is about to burn through the suburbs of Washington, D.C. Is there any way to stop it? This doomsday scenario confronted a biohazard SWAT team struggling in secret to stop the outbreak of an exotic hot virus at an Army research facility outside Washington. The Hot Zone tells the dramatic story of their dangerous race against time, along with an alarming account of how previously unknown viruses that have lived undetected in the rain forest for eons are now entering human populations. From the airlocked confines of a biosafety level 4 military lab, to an airliner over Kenya carrying a passenger dissolving into a human virus bomb, to a deserted jungle cave alive with deadly virus, THE HOT ZONE is a non-fiction thriller like no other. The Andromeda Strain was fiction--- this is real!

the hot zone: *Crisis in the Red Zone* Richard Preston, 2019-07-23 NEW YORK TIMES BESTSELLER • An urgent wake-up call about the future of emerging viruses and a gripping account of the doctors and scientists fighting to protect us, told through the story of the deadly 2013-2014 Ebola epidemic "Crisis in the Red Zone reads like a thriller. That the story it tells is all true makes it all more terrifying."—Elizabeth Kolbert, Pulitzer Prize-winning author of *The Sixth Extinction* From the #1 bestselling author of *The Hot Zone*, now a National Geographic original miniseries . . . This time, Ebola started with a two-year-old child who likely had contact with a wild creature and whose entire family quickly fell ill and died. The ensuing global drama activated health professionals in North America, Europe, and Africa in a desperate race against time to contain the viral wildfire. By the end—as the virus mutated into its deadliest form, and spread farther and faster than ever before—30,000 people would be infected, and the dead would be spread across eight countries on three continents. In this taut and suspenseful medical drama, Richard Preston deeply chronicles the pandemic, in which we saw for the first time the specter of Ebola jumping continents, crossing the Atlantic, and infecting people in America. Rich in characters and conflict—physical, emotional, and ethical—*Crisis in the Red Zone* is an immersion in one of the great public health calamities of our time. Preston writes of doctors and nurses in the field putting their own lives on the line, of government bureaucrats and NGO administrators moving, often fitfully, to try to contain the outbreak, and of pharmaceutical companies racing to develop drugs to combat the virus. He also explores the charged ethical dilemma over who should and did receive the rare doses of an experimental treatment when they became available at the peak of the disaster. *Crisis in the Red Zone* makes clear that the outbreak of 2013-2014 is a harbinger of further, more severe outbreaks, and of emerging viruses heretofore unimagined—in any country, on any continent. In our ever more interconnected world, with roads and towns cut deep into the jungles of equatorial Africa, viruses both familiar and undiscovered are being unleashed into more densely populated areas than ever before. The more we discover about the virosphere, the more we realize its deadly potential. *Crisis in the Red Zone* is an exquisitely timely book, a stark warning of viral outbreaks to come.

the hot zone: Inside the Hot Zone Mark G. Kortepeter, 2020-01-01 Inside the Hot Zone 'is an insider's account of one of the most dangerous workplaces on earth: 'the United States Army Medical Research Institute of Infectious Diseases (USAMRIID) in Fort Detrick, Maryland. Retired U.S. Army Col. Mark G. Kortepeter, a leading biodefense expert, recounts his journey from the lecture hall to the role of department chief, to the battlefield, to the Biosafety Level-4 maximum containment lab, and finally, to the corner office. During Kortepeter's seven and a half years in leadership at USAMRIID, the United States experienced some of the most serious threats in modern germ warfare, including the specter of biological weapons during the Iraq War, the anthrax letters sent after 9/11, and a little-known crisis involving a presumed botulism attack on the president of the United States. Inside the Hot Zone 'is a shocking, frightening eye-opener as Kortepeter describes in gripping detail how he and his USAMRIID colleagues navigated threats related to anthrax, botulism, smallpox, Lassa, and Ebola. Kortepeter crafts a rich and riveting narrative as he wrestles with life-and-death decisions managing biological weapon exposures. The stories are real, but they could just as easily serve as plotlines in popular fiction or Hollywood thrillers. He gives the reader a seat at the table as each 'crisis unfolds, with an unvarnished and personal perspective on the dangers, the drama, the fear, the frustrations, the irony, and the uncertainty he encountered as a

physician in the role of Biodefender.'

the hot zone: The Hot Zone Richard Preston, The true story of how a deadly virus from the central African rain forest suddenly appears in a Washington, D.C., animal test lab. In a matter of days, 90% of the primates exposed to the virus are dead, and secret government forces are mobilized to stop the spread of this exotic hot virus.

the hot zone: The Hot Zone Richard Preston, 2014 In March 2014, the Ebola outbreak in West Africa was first reported. By October 2014, it had become the largest and deadliest occurrence of the disease. Almost 10,000 cases have been reported, across Liberia, Guinea, Sierra Leone, Nigeria and the US. This book offers a true-life account of this highly infectious virus.

the hot zone: The Cobra Event Richard Preston, 2007-04-10 The Cobra Event is set in motion one spring morning in New York City, when a seventeen-year-old student wakes up feeling vaguely ill. Hours later she is having violent seizures, blood is pouring out of her nose, and she has begun a hideous process of self-cannibalization. Soon, other gruesome deaths of a similar nature have been discovered, and the Centers for Disease Control sends a forensic pathologist to investigate. What she finds precipitates a federal crisis. The details of this story are fictional, but they are based on a scrupulously thorough inquiry into the history of biological weapons and their use by civilian and military terrorists. Richard Preston's sources include members of the FBI and the United States military, public health officials, intelligence officers in foreign governments, and scientists who have been involved in the testing of strategic bioweapons. The accounts of what they have seen and what they expect to happen are chilling. The Cobra Event is a dramatic, heart-stopping account of a very real threat, told with the skill and authority that made Preston's *The Hot Zone* an internationally acclaimed bestseller.

the hot zone: The Hot Zone Richard Preston, 1999-06-15 The bestselling landmark account of the first emergence of the Ebola virus. Now a mini-series drama starring Julianna Margulies, Topher Grace, Liam Cunningham, James D'Arcy, and Noah Emmerich on National Geographic. A highly infectious, deadly virus from the central African rain forest suddenly appears in the suburbs of Washington, D.C. There is no cure. In a few days 90 percent of its victims are dead. A secret military SWAT team of soldiers and scientists is mobilized to stop the outbreak of this exotic hot virus. The *Hot Zone* tells this dramatic story, giving a hair-raising account of the appearance of rare and lethal viruses and their crashes into the human race. Shocking, frightening, and impossible to ignore, *The Hot Zone* proves that truth really is scarier than fiction.

the hot zone: Hot Property Carly Phillips, 2008-07-01 Just one short season ago, major league center fielder John Roper had it all: the looks—and personal life—of a sports hero and the public's adoration. But this hot property's lucky streak has run out. After a World Series disaster, fans diss him, shock jocks mock him and his dysfunctional family hassles him for money he really can't spare. Now it's up to him, and Hot Zone publicist Amy Stone, to get his life back on track. Amy finds it's easier said than done. What with the constant intrusions of his nutty family, a crazed fan playing stalker, and Roper's refusal to put his own needs first, she's starting to think that life in the fast lane isn't all it's cracked up to be. But when the two retreat to a secluded lodge, the sexy center fielder throws Amy a curveball—one she never saw coming....

the hot zone: Hot Stuff Carly Phillips, 2010-01-01 she's not just one of the guys Annabelle Jordan and her two sisters were orphans in frilly dresses when they went to live with their sports-lawyer uncle in his world of locker rooms, bookies and gambling. Now the girls are publicists in their uncle's firm, The Hot Zone. Despite her upbringing, Annabelle is all woman. She's naturally drawn to real men—like her latest client, businessman and former football legend Brandon Vaughn. The chemistry is potent, undeniable, irresistible. Annabelle soon realizes that Brandon is much more than just another jock. And that she'd better hold on tight if she doesn't want to lose her heart.

the hot zone: Panic in Level 4 Richard Preston, 2008-05-27 Bizarre illnesses and plagues that kill people in the most unspeakable ways. Obsessive and inspired efforts by scientists to solve mysteries and save lives. From *The Hot Zone* to *The Demon in the Freezer* and beyond, Richard Preston's bestselling works have mesmerized readers everywhere by showing them strange worlds

of nature they never dreamed of. Panic in Level 4 is a grand tour through the eerie and unforgettable universe of Richard Preston, filled with incredible characters and mysteries that refuse to leave one's mind. Here are dramatic true stories from this acclaimed and award-winning author, including: • The phenomenon of "self-cannibals," who suffer from a rare genetic condition caused by one wrong letter in their DNA that forces them to compulsively chew their own flesh-and why everyone may have a touch of this disease. • The search for the unknown host of Ebola virus, an organism hidden somewhere in African rain forests, where the disease finds its way into the human species, causing outbreaks of unparalleled horror. • The brilliant Russian brothers—"one mathematician divided between two bodies"—who built a supercomputer in their apartment from mail-order parts in an attempt to find hidden order in the number pi (π). In fascinating, intimate, and exhilarating detail, Richard Preston portrays the frightening forces and constructive discoveries that are currently roiling and reordering our world, once again proving himself a master of the nonfiction narrative and, as noted in The Washington Post, "a science writer with an uncommon gift for turning complex biology into riveting page-turners."

the hot zone: *The Demon in the Freezer* Richard Preston, 2003-08-26 "The bard of biological weapons captures the drama of the front lines."—Richard Danzig, former secretary of the navy The first major bioterror event in the United States—the anthrax attacks in October 2001—was a clarion call for scientists who work with "hot" agents to find ways of protecting civilian populations against biological weapons. In *The Demon in the Freezer*, his first nonfiction book since *The Hot Zone*, a #1 New York Times bestseller, Richard Preston takes us into the heart of Usamriid, the United States Army Medical Research Institute of Infectious Diseases at Fort Detrick, Maryland, once the headquarters of the U.S. biological weapons program and now the epicenter of national biodefense. Peter Jahrling, the top scientist at Usamriid, a wry virologist who cut his teeth on Ebola, one of the world's most lethal emerging viruses, has ORCON security clearance that gives him access to top secret information on bioweapons. His most urgent priority is to develop a drug that will take on smallpox—and win. Eradicated from the planet in 1979 in one of the great triumphs of modern science, the smallpox virus now resides, officially, in only two high-security freezers—at the Centers for Disease Control in Atlanta and in Siberia, at a Russian virology institute called Vector. But the demon in the freezer has been set loose. It is almost certain that illegal stocks are in the possession of hostile states, including Iraq and North Korea. Jahrling is haunted by the thought that biologists in secret labs are using genetic engineering to create a new superpox virus, a smallpox resistant to all vaccines. Usamriid went into a state of Delta Alert on September 11 and activated its emergency response teams when the first anthrax letters were opened in New York and Washington, D.C. Preston reports, in unprecedented detail, on the government's response to the attacks and takes us into the ongoing FBI investigation. His story is based on interviews with top-level FBI agents and with Dr. Steven Hatfill. Jahrling is leading a team of scientists doing controversial experiments with live smallpox virus at CDC. Preston takes us into the lab where Jahrling is reawakening smallpox and explains, with cool and devastating precision, what may be at stake if his last bold experiment fails.

the hot zone: *The Hot Zone* Richard Preston, 2012-12-31 COMING TO NATIONAL GEOGRAPHIC ON 27 MAY 2019 _____ In March 2014, the Ebola outbreak in West Africa was first reported. By October 2014, it had become the largest and deadliest occurrence of the disease. Over 4,500 people have died. Almost 10,000 cases have been reported, across Liberia, Guinea, Sierra Leone, Nigeria and the United States. Impossible to ignore, *The Hot Zone* is the terrifying, true-life account of when this highly infectious virus spread from the rainforests of Africa to the suburbs of Washington, D.C in 1989. A secret SWAT team of soldiers and scientists were quickly tasked with halting the outbreak. And they did. But now, that very same virus is back. And we could be just one wrong move away from a pandemic.

the hot zone: *The Hot Zone* Jayne Castle, 2014-08-26 Halloween—with its tricks and treats—is a dust bunny's dream come true. Just ask Lyle, Sedona Snow's faithful sidekick. But for Sedona, it's a nightmare. Though her new job managing a small hotel and tavern on Rainshadow is helping her move on from her tragic past, a bizarre disaster down in the catacombs has brought a pack of rowdy

ghost hunters to her inn. And now, Sedona's ex has arrived on the island, claiming he wants to get back together, just as a newcomer appears to have a strong interest in her. Cyrus Jones is the new Guild boss in town. He has his own agenda when it comes to Sedona, but even the best-laid plans are no match for the passion that springs up on Rainshadow...

the hot zone: The Hot Zone Reader's Companion, 2016-05-12 The Hot Zone by Richard Preston | Digest & Review The Hot Zone is a novel written by Richard Preston that is based on the outbreak of the Ebola virus in the 1980s. It happened at a medical research facility that housed monkeys in Reston, Virginia. Author Richard Preston also writes about and recounts other viral outbreaks that have happened, specifically those that plagued Africa. It is packed with scientific and medical drama, and it is made all the more terrifying because it is based on true events. Best-selling horror author Stephen King described The Hot Zone as horrifying. People have called The Hot Zone a page-turner and said it is one of the best novels in the Popular Science genre. With this digest companion, you'll enjoy: * A digest of the The Hot Zone * Content for your book club or other group event. * Stories beyond the digest and tidbits you may not know * The book's impact and its important to read * And more! What other readers are saying: You can read it before you read the novel or after you read it as a supplement to the actual book. Very concise and helpful for our Book Club. It is full of story information, interesting facts about the novel and the author as well. This overview gave me an idea of what the book covers. From it, I have been able to decide whether or not to purchase the book. The Digest helped clarify the historical background. Beautifully written and deeply moving. Our promise: Reader's Companions bring you immaculate study materials on literature at exceptionally low prices that do not compromise on quality. These are supplementary materials and does not contain any text or summary of the book. 100% satisfaction guaranteed.

the hot zone: Hot Zone Christopher Teale Howes, 2012-10-10 This memoir is a riveting account of what it's like to be a professional firefighter, from rookie to chief officer, over the course of a 31-year career. The anecdotes are funny, sad, and grim: all serve to educate readers about a profession that many dreamed about when they were children but would never pursue or truly understand. Chief Howes provides a better understanding of the profession and respect for the men and women who protect our communities by relating his own experiences as well as those of other firefighters in some of the busiest stations in the country. The author is donating 10% of royalties to the National Fallen Firefighters Foundation, the nonprofit group dedicated to the development and expansion of programs to honor our fallen fire heroes and assist their families and coworkers.

the hot zone: Cold War in a Hot Zone Gerald C Horne, 2007-06-28 Beginning just before the start of World War II and ending during the Cold War, Gerald Horne's masterful examination of British Guiana and the British West Indies details the collapse of British colonial structures and the corresponding rise of U.S. regional influence. Horne reveals the realities of race and color in the Caribbean under colonial rule, while the colonizers-Britain, France, Germany, Japan, and the United States-battled each other for hegemony on the world stage. Horne seamlessly weaves a variety of untapped archival sources-including personal correspondence and newspaper stories from three continents-with a wide range of scholarly publications, journals and memoirs to illustrate an important, yet underexamined, regional history in a global context. Highlighting the centrality of the labor question in relation to colonial rule, Cold War in a Hot Zone is a compelling exposé of the racial dimensions of U.S. foreign policy and anti-communist initiatives during WWII and the Cold War that followed.

the hot zone: Fevers, Feuds, and Diamonds Paul Farmer, 2020-11-17 "Paul Farmer brings his considerable intellect, empathy, and expertise to bear in this powerful and deeply researched account of the Ebola outbreak that struck West Africa in 2014. It is hard to imagine a more timely or important book." —Bill and Melinda Gates [The] history is as powerfully conveyed as it is tragic . . . Illuminating . . . Invaluable. —Steven Johnson, The New York Times Book Review In 2014, Sierra Leone, Liberia, and Guinea suffered the worst epidemic of Ebola in history. The brutal virus spread rapidly through a clinical desert where basic health-care facilities were few and far between. Causing severe loss of life and economic disruption, the Ebola crisis was a major tragedy of modern

medicine. But why did it happen, and what can we learn from it? Paul Farmer, the internationally renowned doctor and anthropologist, experienced the Ebola outbreak firsthand—Partners in Health, the organization he founded, was among the international responders. In *Fevers, Feuds, and Diamonds*, he offers the first substantive account of this frightening, fast-moving episode and its implications. In vibrant prose, Farmer tells the harrowing stories of Ebola victims while showing why the medical response was slow and insufficient. Rebutting misleading claims about the origins of Ebola and why it spread so rapidly, he traces West Africa's chronic health failures back to centuries of exploitation and injustice. Under formal colonial rule, disease containment was a priority but care was not – and the region's health care woes worsened, with devastating consequences that Farmer traces up to the present. This thorough and hopeful narrative is a definitive work of reportage, history, and advocacy, and a crucial intervention in public-health discussions around the world.

the hot zone: In the Hot Zone Kevin Sites, 2009-10-13 Kevin Sites is a man on a mission. Venturing alone into the dark heart of war, armed with just a video camera, a digital camera, a laptop, and a satellite modem, the award-winning journalist covered virtually every major global hot spot as the first Internet correspondent for Yahoo! News. Beginning his journey with the anarchic chaos of Somalia in September 2005 and ending with the Israeli-Hezbollah war in the summer of 2006, Sites talks with rebels and government troops, child soldiers and child brides, and features the people on every side, including those caught in the cross fire. His honest reporting helps destroy the myths of war by putting a human face on war's inhumanity. Personally, Sites will come to discover that the greatest danger he faces may not be from bombs and bullets, but from the unsettling power of the truth.

the hot zone: Contagious Priscilla Wald, 2008-01-09 DIVShows how narratives of contagion structure communities of belonging and how the lessons of these narratives are incorporated into sociological theories of cultural transmission and community formation./div

the hot zone: Hot Number Carly Phillips, 2017-03-07 Micki Jordan is a tomboy as much at home on the playing field as in a locker room full of naked guys. But the star publicist is looking to prove she's also an irresistible woman in order to get a second shot at professional baseball player and major league playboy, Damian Fuller. Micki transforms herself into one hot number Damian can't help but notice and together they burn up the sheets and find themselves falling hard. Until Damian's past returns, threatening their future.

the hot zone: Hot Zone Catherine Mann, 2011-12-01 Catherine Mann delivers an emotional and action-packed story that leaves you wanting more. — Sherrilyn Kenyon, #1 New York Times Bestselling Author HE'LL TAKE ANY MISSION, THE RISKIER THE BETTER... The haunted eyes of pararescueman Hugh Franco should have been her first clue that deep pain roiled beneath the surface. But if Amelia couldn't see the damage, how could she be expected to know he'd break her heart? SHE'LL PROVE TO BE HIS BIGGEST RISK YET... Amelia Bailey's not the kind of girl who usually needs rescuing...but there are anything but usual circumstances. A powerful, passionate read not to be missed! — Lori Foster, New York Times Bestselling Author of When You Dare USA Today bestselling author Catherine Mann delivers another hero from the Air Force's celebrated Pararescue Jumpers-The PJs- an ultra-elite force who put themselves at extreme risk in the most dangerous emergencies so that others may live. A sizzling thrill-rise of action and attraction, Hot Zone will leave your pulse pounding.

the hot zone: Chief of Station, Congo Lawrence Devlin, 2008-04-01 Larry Devlin arrived as the new chief of station for the CIA in the Congo five days after the country had declared its independence, the army had mutinied, and governmental authority had collapsed. As he crossed the Congo River in an almost empty ferry boat, all he could see were lines of people trying to travel the other way -- out of the Congo. Within his first two weeks he found himself on the wrong end of a revolver as militiamen played Russian-roulette, Congo style, with him. During his first year, the charismatic and reckless political leader, Patrice Lumumba, was murdered and Devlin was widely thought to have been entrusted with (he was) and to have carried out (he didn't) the assassination. Then he saved the life of Joseph Desire Mobutu, who carried out the military coup that presaged his

own rise to political power. Devlin found himself at the heart of Africa, fighting for the future of perhaps the most strategically influential country on the continent, its borders shared with eight other nations. He met every significant political figure, from presidents to mercenaries, as he took the Cold War to one of the world's hottest zones. This is a classic political memoir from a master spy who lived in wildly dramatic times.

the hot zone: Biohazard, the Hot Zone and Beyond Peter Brookesmith, 1997 Humanity has always lived with, and sometimes barely survived, plagues, pestilence, and epidemics. Today, horrors such as the Black Death, which wiped out almost half the population of Europe in the fourteenth century, seem like distant nightmares. Improved public health, vaccination, and new drugs have driven many diseases from large parts of the world. At the same time, diseases once under control are beginning to resist antibiotics, and super-resistant superbugs have been found in hospital wards. The threat of AIDS hangs over a whole generation. Nations large and small are genetically engineering biological weapons whose security is far from sure. These are just some of the biological perils we now face. Could a new age of plague and pestilence be about to dawn?--From publisher description.

the hot zone: *Tim and Eric's Zone Theory* Tim Heidecker, Eric Wareheim, 2015-07-07 From Tim Heidecker and Eric Wareheim, two of the 21st century's most vital and creative minds, comes a brand new, inspirational, and game-changing life system that promises to instantly provide wellness, happiness, and total, absolute fulfillment.

the hot zone: *The Burn Zone* Renee Linnell, 2018-10-09 After seven years of faithfully following her spiritual teacher, Renee Linnell finally realized she was in a cult and had been severely brainwashed. But how did that happen to someone like her? She had graduated magna cum laude with a double degree. She had traveled to nearly fifty countries alone before she turned thirty-five. She was a surf model and a professional Argentine tango dancer. She had started five different companies and had an MBA from NYU. How could someone like her end up brainwashed and in a cult? *The Burn Zone* is an exploration of how we give up our power—how what started out as a need to heal from the loss of her parents and to understand the big questions in life could leave a young woman fighting for her sanity and her sense of self. In the years following her departure from the cult, Linnell struggled to reclaim herself, to stand in her truth, and to rebuild her life. And eventually, after battling depression and isolation, she found a way to come out the other side stronger than ever. Part inspirational story, part cautionary tale, this is a memoir for spiritual seekers and those who feel lost in a world that makes them feel less than perfect.

the hot zone: *Spillover: Animal Infections and the Next Human Pandemic* David Quammen, 2012-10 A masterpiece of science reporting that tracks the animal origins of emerging human diseases.

the hot zone: *Hot Item* Carly Phillips, 2012-07-01 Cool, collected Sophie Jordan loves her daily routine running her family's top sports management agency, as long as she gets to stay behind the scenes. But with big sister on maternity leave and little sis on her honeymoon, she's forced to step up to the plate. And a recent media crisis surrounding the disappearance of superagent Spenser Atkins is not going to make the job any easier. Enter star quarterback and notorious bad boy Riley Nash who, for reasons of his own, needs to track down Atkins. Up until now, Sophie has kept a strict no-dating-clients policy, but each day with Riley makes her rule near impossible to follow. With her job and her heart on the line, Sophie will need to make the toughest choice of her life!

the hot zone: *Ebola* David Quammen, 2014-10-02 In 1976 a deadly virus emerged from the Congo forest. As swiftly as it came, it disappeared, leaving no trace. Over the four decades since, Ebola has emerged sporadically, each time to devastating effect. It can kill up to 90% of its victims. In between these outbreaks, it is untraceable, hiding deep in the jungle. The search is on to find Ebola's elusive host animal. And until we find it, Ebola will continue to strike. Acclaimed science writer and explorer David Quammen first came near the virus whilst travelling in the jungles of Gabon, accompanied by local men whose village had been devastated by a recent outbreak. Here he tells the story of Ebola, its past, present and its unknowable future.

the hot zone: Virus Hunter C.J. Peters, Mark Olshaker, 1998-04-13 A New York Times Notable Book The man who led the battle against Ebola in The Hot Zone teams up with the bestselling co-author of Mind Hunter to chronicle his extraordinary thirty-year career fighting deadly viruses. For three decades, Dr. C. J. Peters was on the front lines of our biological battle against “hot” viruses around the world. In the course of that career, he learned countless lessons about our interspecies turf wars with infectious agents. Called in to contain an outbreak of deadly hemorrhagic fever in Bolivia, he confronted the despair of trying to save a colleague who accidentally infected himself with an errant scalpel. Working in Level 4 labs on the Machupo and Ebola viruses, he saw time and again why expensive high-tech biohazard containment equipment is only as safe as the people who use it. Because of new, emerging viruses, and the return of old, “vanquished” ones for which vaccines do not exist, there remains a very real danger of a new epidemic that could, without proper surveillance and early intervention, spread worldwide virtually overnight. And the possibility of foreign countries or terrorist groups using deadly airborne viruses—the poor man’s nuclear arsenal—looms larger than ever. High-octane science writing at its best and most revealing, Virus Hunter is a thrilling first-person account of what it is like to be a warrior in the Hot Zone.

the hot zone: Crisis in the Red Zone Richard Preston, 2020-04-03 NEW YORK TIMES BESTSELLER • An urgent wake-up call about the future of emerging viruses and a gripping account of the doctors and scientists fighting to protect us, told through the story of the deadly 2013-2014 Ebola epidemic “Crisis in the Red Zone reads like a thriller. That the story it tells is all true makes it all more terrifying.”—Elizabeth Kolbert, Pulitzer Prize-winning author of The Sixth Extinction From the #1 bestselling author of The Hot Zone, now a National Geographic original miniseries . . . This time, Ebola started with a two-year-old child who likely had contact with a wild creature and whose entire family quickly fell ill and died. The ensuing global drama activated health professionals in North America, Europe, and Africa in a desperate race against time to contain the viral wildfire. By the end—as the virus mutated into its deadliest form, and spread farther and faster than ever before—30,000 people would be infected, and the dead would be spread across eight countries on three continents. In this taut and suspenseful medical drama, Richard Preston deeply chronicles the pandemic, in which we saw for the first time the specter of Ebola jumping continents, crossing the Atlantic, and infecting people in America. Rich in characters and conflict—physical, emotional, and ethical—Crisis in the Red Zone is an immersion in one of the great public health calamities of our time. Preston writes of doctors and nurses in the field putting their own lives on the line, of government bureaucrats and NGO administrators moving, often fitfully, to try to contain the outbreak, and of pharmaceutical companies racing to develop drugs to combat the virus. He also explores the charged ethical dilemma over who should and did receive the rare doses of an experimental treatment when they became available at the peak of the disaster. Crisis in the Red Zone makes clear that the outbreak of 2013-2014 is a harbinger of further, more severe outbreaks, and of emerging viruses heretofore unimagined—in any country, on any continent. In our ever more interconnected world, with roads and towns cut deep into the jungles of equatorial Africa, viruses both familiar and undiscovered are being unleashed into more densely populated areas than ever before. The more we discover about the virosphere, the more we realize its deadly potential. Crisis in the Red Zone is an exquisitely timely book, a stark warning of viral outbreaks to come.

the hot zone: Ebola Dr. William Close, 1995-06-27 “Eloquent, gripping, harrowing.”—Richard Preston, author of The Hot Zone When a mysterious virus first exploded in Zaire in 1976, American physician William T. Close worked desperately to contain the outbreak. Haunted by this wrenching crisis, Dr. Close felt compelled to honor the memory of the courageous people he knew and lost. This is their story: a terrifying, completely authentic novel that begins with an invisible killer. It strikes without warning—a lethal disease with no name . . . and no cure. At a Catholic mission in Yambuku, a remote village sixty miles south of the Ebola River, local teacher Mabalo Lokela visits the clinic with a raging fever. Sister Lucie, a Flemish nun and nurse, gives him a shot of an antimalarial drug, wipes off the syringe, and awaits her next patient. Within days, Mabalo is dead. Soon, others are falling ill. Less than three weeks later, the virus claims Sister Lucie’s life as well. Panic erupts, but

as the villagers attempt to flee, all roads leading out of Yambuku are closed off, the dying forced back. And as the single radio connecting the mission to the outside world brings only bad news, the valiant nuns and medical personnel left behind have no choice but to pray, and wonder: Will they survive long enough for help to arrive?

the hot zone: The Ebola Epidemic in West Africa National Academies of Sciences, Engineering, and Medicine, Health and Medicine Division, Board on Global Health, Forum on Microbial Threats, 2016-12-30 The most recent Ebola epidemic that began in late 2013 alerted the entire world to the gaps in infectious disease emergency preparedness and response. The regional outbreak that progressed to a significant public health emergency of international concern (PHEIC) in a matter of months killed 11,310 and infected more than 28,616. While this outbreak bears some unique distinctions to past outbreaks, many characteristics remain the same and contributed to tragic loss of human life and unnecessary expenditure of capital: insufficient knowledge of the disease, its reservoirs, and its transmission; delayed prevention efforts and treatment; poor control of the disease in hospital settings; and inadequate community and international responses. Recognizing the opportunity to learn from the countless lessons of this epidemic, the National Academies of Sciences, Engineering, and Medicine convened a workshop in March 2015 to discuss the challenges to successful outbreak responses at the scientific, clinical, and global health levels. Workshop participants explored the epidemic from multiple perspectives, identified important questions about Ebola that remained unanswered, and sought to apply this understanding to the broad challenges posed by Ebola and other emerging pathogens, to prevent the international community from being taken by surprise once again in the face of these threats. This publication summarizes the presentations and discussions from the workshop.

the hot zone: Level 4 Joseph B. McCormick, Susan Fisher-Hoch, Leslie Alan Horvitz, 1999 Donated.

the hot zone: Hot Zone Steven Konkoly, 2017-07-13 SOMETHING INSIDIOUS HAS ARRIVED-RIGHT IN THE HEARTLAND OF OUR NATION. Dr. Lauren Hale, a new hospital resident, is nearly killed by a raving mad emergency room patient, in a senseless, unprovoked attack. Officer David Olson, veteran cop and former Marine, returns from a father-son camping trip to discover that his ex-wife has vanished under bizarre circumstances, and his police department is on the verge of collapse. Jack and Emma Harper, a young, upwardly mobile couple, find their hip city neighborhood rapidly descending into madness. Dr. Eugene Chang, a research scientist for a major pharmaceutical company makes a shocking discovery that might explain the spreading wave of illness and violence gripping the city. Eric Larsen, leader of a top-secret, rapid-response unit, circles high above the Midwest, in an unmarked military transport. Mission still unknown, his team waits to parachute into the night. WITHIN TWENTY-FOUR HOURS, complete strangers from different walks of life will be forced to join together to survive the LIVING NIGHTMARE that has been unleashed on their city-AND THEIR COUNTRY. This is their story. WELCOME TO THE HOT ZONE!

the hot zone: American Steel Richard Preston, 1991 The story of Nucor's billion dollar gamble to build a steel mill in Crawfordsville, Indiana.

the hot zone: Rabid Bill Wasik, Monica Murphy, 2013-06-25 The most fatal virus known to science, rabies-a disease that spreads avidly from animals to humans-kills nearly one hundred percent of its victims once the infection takes root in the brain. In this critically acclaimed exploration, journalist Bill Wasik and veterinarian Monica Murphy chart four thousand years of the history, science, and cultural mythology of rabies. From Greek myths to zombie flicks, from the laboratory heroics of Louis Pasteur to the contemporary search for a lifesaving treatment, Rabid is a fresh and often wildly entertaining look at one of humankind's oldest and most fearsome foes. A searing narrative. -The New York Times In this keen and exceptionally well-written book, rife with surprises, narrative suspense and a steady flow of expansive insights, 'the world's most diabolical virus' conquers the unsuspecting reader's imaginative nervous system. . . . A smart, unsettling, and strangely stirring piece of work. -San Francisco Chronicle Fascinating. . . . Wasik and Murphy chronicle more than two millennia of myths and discoveries about rabies and the animals that

transmit it, including dogs, bats and raccoons. -The Wall Street Journal

the hot zone: The Vigilante Lover Debra Cowan, 2012-07-01 Fire-fighter Walker McClain was, hands-down, the sexiest, most affecting suspect that undercover investigator Jen Lawson had ever been assigned. But she hadn't come to Station Three to fall into bed with McClain. She was there to find out if he was a dangerous vigilante; the Payback Killer. Walker knew better than to get involved with his new SWAT partner. But she awakened feelings he thought had long since turned to ash after his wife's brutal murder. And as their attraction heated up, so did the killer's deadly plan. The question was, just how deep did Walker's obsession with justice go?

the hot zone: The Boat of Dreams Richard Preston, 2003 It is 1967 and William Foster is missing in Vietnam--leaving his wife, daughter Lila, and son Will to fend for themselves on the coast of Maine with only an unreliable lobster boat to soothe their grief. As the holiday season nears, Will and Lila suspect that someone has been visiting their home and discover that love is the one power that can overcome all.

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May 27, 2019 · The Hot Zone, a six-part National Geographic miniseries that premieres Monday night, is based on a true story about Ebola.

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