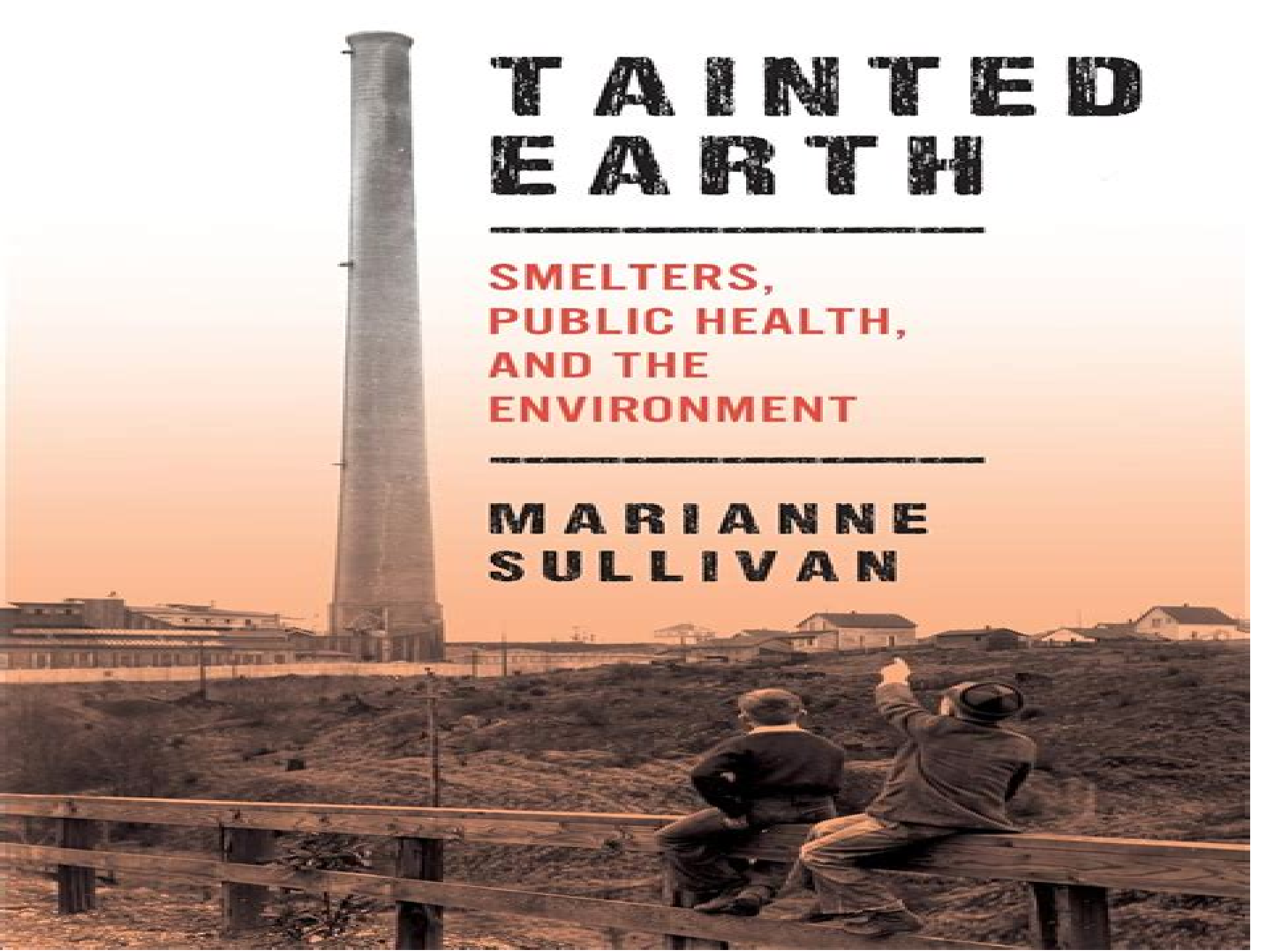




T A I N T E D E A R T H

**SMELTERS,
PUBLIC HEALTH,
AND THE
ENVIRONMENT**

**M A R I A N N E
S U L L I V A N**

Tainted Earth Smelters Public Health And The Environment Marianne Sullivan

Christine Vatovec



Tainted Earth Smelters Public Health And The Environment Marianne Sullivan:

Tainted Earth Marianne Sullivan, 2014-01-23 Smelting is an industrial process involving the extraction of metal from ore. During this process, impurities in ore including arsenic, lead, and cadmium may be released from smoke stacks, contaminating air, water, and soil with toxic heavy metals. The problem of public health harm from smelter emissions received little official attention for much of the twentieth century. Though people living near smelters periodically complained that their health was impaired by both sulfur dioxide and heavy metals, for much of the century there was strong deference to industry claims that smelter operations were a nuisance and not a serious threat to health. It was only when the majority of children living near the El Paso Texas smelter were discovered to be lead exposed in the early 1970s that systematic independent investigation of exposure to heavy metals in smelting communities began. Following El Paso, an even more serious lead poisoning epidemic was discovered around the Bunker Hill smelter in northern Idaho. In Tacoma, Washington, a copper smelter exposed children to arsenic, a carcinogenic threat. Thoroughly grounded in extensive archival research, *Tainted Earth* traces the rise of public health concerns about nonferrous smelting in the western United States, focusing on three major facilities: Tacoma, Washington; El Paso, Texas; and Bunker Hill, Idaho. Marianne Sullivan documents the response from community residents, public health scientists, the industry, and the government to pollution from smelters, as well as the long road to protecting public health and the environment. Placing the environmental and public health aspects of smelting in historical context, the book connects local incidents to national stories on the regulation of airborne toxic metals. The nonferrous smelting industry has left a toxic legacy in the United States and around the world. Unless these toxic metals are cleaned up, they will persist in the environment and may sicken people, children in particular, for generations to come. The twentieth-century struggle to control smelter pollution shares many similarities with public health battles with such industries as tobacco and asbestos, where industry-supported science created doubt about harm and reluctant government regulators did not take decisive action to protect the public's health.

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Thoroughly grounded in extensive archival research *Tainted Earth* traces the rise of public health concerns about nonferrous smelting in the western United States focusing on three major facilities Tacoma Washington El Paso Texas and Bunker Hill Idaho Marianne Sullivan documents the response from community residents public health scientists the industry and the government to pollution from smelters as well as the long road to protecting public health and the environment Placing the environmental and public health aspects of smelting in historical context the book connects local incidents to national stories on the regulation of airborne toxic metals The nonferrous smelting industry has left a toxic legacy in the United States and around the world Unless these toxic metals are cleaned up they will persist in the environment and may sicken people children in particular for generations to come The twentieth century struggle to control smelter pollution shares many similarities with public health battles with such industries as tobacco and asbestos where industry supported science created doubt about harm and reluctant government regulators did not take decisive action to protect the public's health

The Sounds of Furious Living Matthew Kelly, 2023-10-13 Four decades have passed since reports of a mysterious gay cancer first appeared in US newspapers In the ensuing years the pandemic that would come to be called AIDS changed the world in innumerable ways It also gave rise to one of the late twentieth century's largest health based empowerment movements Scholars across diverse traditions have documented the rise of the AIDS activist movement chronicling the impassioned echoes of protestors who took to the streets to demand drugs into bodies And yet not all activism creates echoes Included among the ranks of 1980s and 1990s era AIDS activists were individuals whose expressions of empowerment differed markedly from those demanding open access to mainstream pharmaceutical agents Largely forgotten today this activist tradition was comprised of individuals who embraced unorthodox approaches for conceptualizing and treating their condition Rejecting biomedical expertise they shared alternative clinical paradigms created underground networks for distributing unorthodox nostrums and endorsed etiological models that challenged the association between HIV and AIDS The theatre of their protests was not the streets of New York City's Greenwich Village but rather their bodies And their language was not the riotous chants of public demonstration but the often invisible embrace of contrarian systems for defining and treating their disease *The Sounds of Furious Living* seeks to understand the AIDS activist tradition identifying the historical currents out of which it arose Embracing a patient centered social historical lens it traces historic shifts in popular understanding of health and perceptions of biomedicine through the nineteenth and twentieth centuries to explain the lasting appeal of unorthodox health activism into the modern era In asking how unorthodox health activism flourished during the twentieth century's last major pandemic Kelly also seeks to inform our understanding of resistance to biomedical authority in the setting of the twenty first century's first major pandemic COVID 19 As a deeply researched portrait of distrust and disenchantment *The Sounds of Furious Living* helps explain the persistence of movements that challenge biomedicine's authority well into a century marked by biomedical innovation while simultaneously posing important questions regarding

the meaning and metrics of patient empowerment in clinical practice **When Roe Fell** Katrina Kimport, 2025-11-11 When Roe Fell examines the history politics and practical experiences of abortion leading up to the overturning of Roe v Wade placing this judicial decision in a longer history of abortion in the United States Contributors delve into what the end of Roe revealed about abortion seekers abortion provision and abortion advocacy demystifying abortion and abortion research laying bare common misunderstandings and misinformation and belying claims that the fall of Roe changed everything Moving beyond legal frameworks this volume is an opportunity to reorient scholarship and understanding about abortion recognizing what was already true before Roe was overturned and how losing the protections of Roe forced enabled and perhaps even facilitated a new era of abortion **Bishops and Bodies** Lori Freedman, 2023-07-14 Winner of the 2024 Donald W Light Award for Applied Medical Sociology American Sociological Association s Section on Medical Sociology One out of every six patients in the United States is treated in a Catholic hospital that follows the policies of the U S Conference of Catholic Bishops These policies prohibit abortion sterilization contraception some treatments for miscarriage and gender confirmation and other reproductive care undermining hard won patients rights to bodily autonomy and informed decision making Drawing on rich interviews with patients and providers this book reveals both how the bishops directives operate and how people inside Catholic hospitals navigate the resulting restrictions on medical practice In doing so Bishops and Bodies fleshes out a vivid picture of how The Church s stance on sex reproduction and life itself manifests in institutions that affect us all **From Residency to Retirement** Terry Mizrahi, 2021-04-16 From Residency to Retirement tells the stories of twenty American doctors over the last half century which saw a period of continuous turbulent and transformative changes to the U S health care system The cohort s experiences are reflective of the generation of physicians who came of age as presidents Carter and Reagan began to focus on costs and benefits of health services Mizrahi observed and interviewed these physicians in six timeframes ending in 2016 Beginning with medical school in the mid 1970s these physicians reveal the myriad fluctuations and uncertainties in their professional practice working conditions collegial relationships and patient interactions In their own words they provide a view from the front lines both in academic and community settings They disclose the satisfactions and strains in coping with macro policies enacted by government and insurance companies over their career trajectory They describe their residency in internal medicine in a large southern urban medical center as a siege mentality which lessened as they began their careers in Getting Rid of Patients the title of Mizrahi s first book 1986 As these doctors moved on in their professional lives more of their experiences were discussed in terms of dissatisfaction with financial remuneration emotional gratification and intellectual fulfillment Such moments of career frustration however were also interspersed with moments of satisfaction at different stages of their medical careers Particularly revealing was whether they were optimistic about the future at each stage of their career and whether they would recommend a medical career to their children Mizrahi s subjects also divulge their private feelings of disillusionment and fear of failure given the malpractice

epidemic and lawsuits threatened or actually brought against so many doctors Mizrahi's work covering almost fifty years provides rarely viewed insights into the lives of physicians over a professional life span

Dying Green Christine Vatovec, 2023-04-14 The slow violence being inflicted on our environment through everything from carbon emissions to plastic pollution also represents an impending public health catastrophe Yet standard health care practices are more concerned with short term outcomes than long term sustainability Every resource used to deliver medical care from IV tubes to antibiotics to electricity has a significant environmental impact This raises an urgent ethical dilemma in striving to improve the health outcomes of individual patients are we damaging human health on a global scale In *Dying Green* award winning educator Christine Vatovec offers an engaging study that asks us to consider the broader environmental sustainability of health care Through a comparative analysis of the care provided to terminally ill patients in a conventional cancer ward a palliative care unit and an acute care hospice facility she shows how decisions made at a patient's bedside govern the environmental footprint of the healthcare industry Likewise *Dying Green* offers insights on the many opportunities that exist for reducing the ecological impacts of medical practices in general while also enhancing care for the dying in particular By envisioning a more sustainable approach to care this book offers a way forward that is better for both patients and the planet

Carrying On Brittany Clair, 2022-01-14 In the twenty first century expecting parents are inundated with information and advice from every direction but are often strapped for perspective on how to think through it Unlike traditional pregnancy guidebooks that offer recommendations *Carrying On* helps expecting parents make sense of the overwhelming amount of counsel available to them by shedding light on where it all came from How and why did such confusing and contradictory guidance on pregnancy come to exist *Carrying On* investigates the origin stories of prevailing prenatal health norms by exploring the evolution of issues at the center of pregnancy ranging from morning sickness and weight gain to ultrasounds and induction When did women start taking prenatal vitamins and why When did the notion that pregnant women should eat for two originate Where did exercise guidelines come from And when did women start formulating birth plans A learning project with one foot in the past and the other in the present *Carrying On* considers what history and medicine together can teach us about how and why we treat pregnancy and pregnant women the way we do In a world of information overload *Carrying On* offers expecting parents the context and background they need to approach pregnancy and prenatal health from a new place of understanding

Dispatches from Dystopia Kate Brown, 2015-05-01 Why are Kazakhstan and Montana the same place asks one chapter of Kate Brown's surprising and unusual journey into the histories of places on the margins overlooked or erased It turns out that a ruined mining town in Kazakhstan and Butte Montana America's largest environmental Superfund site have much more in common than one would think thanks to similarities in climate hucksterism and the perseverance of their few hardy inhabitants Taking readers to these and other unlikely locales *Dispatches from Dystopia* delves into the very human and sometimes very fraught ways we come to

understand a particular place its people and its history In *Dispatches from Dystopia* Brown wanders the Chernobyl Zone of Alienation first on the Internet and then in person to figure out which version the real or the virtual is the actual forgery She also takes us to the basement of a hotel in Seattle to examine the personal possessions left in storage by Japanese Americans on their way to internment camps in 1942 In Uman Ukraine we hide with Brown in a tree in order to witness the annual male only Rosh Hashanah celebration of Hasidic Jews In the Russian southern Urals she speaks with the citizens of the small city of Kyshtym where invisible radioactive pollutants have mysteriously blighted lives Finally Brown returns home to Elgin Illinois in the midwestern industrial rust belt to investigate the rise of rustalgia and the ways her formative experiences have inspired her obsession with modernist wastelands *Dispatches from Dystopia* powerfully and movingly narrates the histories of locales that have been silenced broken or contaminated In telling these previously unknown stories Brown examines the making and unmaking of place and the lives of the people who remain in the fragile landscapes that are left behind

The Nursing Clio Reader The Nursing Clio Editorial Collective, 2025-09-09 On June 24 2022 the Supreme Court's *Dobbs v Jackson Women's Health Organization* decision overturned *Roe v Wade* stripping federal protection for abortion rights and placing control in the hands of individual states This monumental shift in policy underscores the need for deeper historical perspectives on reproductive rights The Nursing Clio Reader answers that call bringing together essays that examine reproductive health through historical research and personal experience Featuring both new and classic pieces from the Nursing Clio blog leading historians of reproductive health provide insights that connect past struggles with today's ongoing battles over bodies reproductive rights and health care This collection offers intimate urgent scholarship that speaks to the present moment A powerful resource for classrooms and individual readers alike The Nursing Clio Reader invites reflection on how the past informs current debates urging us to engage deeply with the history of reproductive justice in a time of unprecedented change underscoring that indeed the personal is historical

On the Frontlines of Crisis Jason Rodriguez, 2025-09-09 *On the Frontlines of Crisis* is a powerful account of the experiences of healthcare workers during the COVID 19 pandemic As hospitals worldwide became overwhelmed by an influx of critically ill patients those working in intensive care units ICUs were thrust into an unprecedented battle against a deadly virus about which little was understood Rodriguez takes readers into the heart of two Massachusetts ICUs to learn about the people who put their lives on the line and faced severe challenges as they treated critically ill patients at the peak of the pandemic A dramatic spike in mental health distress among these healthcare workers was a consequence of the pandemic but was also a result of the changing dynamics within the healthcare system itself Here Rodriguez examines the impact of the development of the contemporary focus on clinical empathy This clinical method while intended to improve patient care had profound implications for healthcare workers during the pandemic often blurring the lines between professional distance and personal involvement increasing the emotional demands on staff and heightened their vulnerability to anxiety depression post traumatic stress and

burnout Through the personal stories of those who were in the ICU On the Frontlines of Crisis offers a sobering reflection on the social and emotional costs of caring for patients **Murderland** Caroline Fraser,2025-06-10 A National Bestseller Scorching seductive A superb and disturbing vivisection of our darkest urges Los Angeles Times This is about as highbrow as true crime gets Vulture Fraser has outdone herself and just about everyone else in the true crime genre with Murderland Esquire From the Pulitzer Prize winning author of Prairie Fires comes a terrifying true crime history of serial killers in the Pacific Northwest and beyond a gripping investigation of how a new strain of psychopath emerged out of a toxic landscape of deadly industrial violence Caroline Fraser grew up in the shadow of Ted Bundy the most notorious serial murderer of women in American history surrounded by his hunting grounds and mountain body dumps in the brooding landscape of the Pacific Northwest But in the 1970s and 80s Bundy was just one perpetrator amid an uncanny explosion of serial rape and murder across the region Why so many Why so weirdly and nightmarishly gruesome Why the senseless rise and then sudden fall of an epidemic of serial killing As Murderland indelibly maps the lives and careers of Bundy and his infamous peers in mayhem the Green River Killer the I 5 Killer the Night Stalker the Hillside Strangler even Charles Manson Fraser s Northwestern death trip begins to uncover a deeper mystery and an overlapping pattern of environmental destruction At ground zero in Ted Bundy s Tacoma stood one of the most poisonous lead copper and arsenic smelters in the world but it was hardly unique in the West As Fraser s investigation inexorably proceeds evidence mounts that the plumes of these smelters not only sickened and blighted millions of lives but also warped young minds including some who grew up to become serial killers A propulsive nonfiction thriller Murderland transcends true crime voyeurism and noir mythology taking readers on a profound quest into the dark heart of the real American berserk **Embodied Politics** Rebecca J. Hester,2022-05-13 Embodied Politics illuminates the influential force of public health promotion in indigenous migrant communities by examining the Indigenous Health Project IHP a culturally and linguistically competent initiative that uses health workshops health messages and social programs to mitigate the structural vulnerability of Oaxacan migrants in California Embodied Politics reconstructs how this initiative came to exist and describes how it operates At the same time it points out the conflicts resistances and counter acts that emerge through the IHP s attempts to guide the health behaviors and practices of Triqui and Mixteco migrants Arguing for a structurally competent approach to migrant health Embodied Politics shows how efforts to promote indigenous health may actually reinforce the same social and political economic forces namely structural racism and neoliberalism that are undermining the health of indigenous Oaxacans in Mexico and the United States **Copper Stain** Elaine Hampton,Cynthia C. Ontiveros,2019-01-10 The convertors would spew it out employee Arturo Hernandez recalled referring to molten metal You d see the ground the dirt catch on fire If you slip you d be like a little pat of butter melting away Hernandez was describing work at ASARCO El Paso a smelter and onetime economic powerhouse situated in the city s heart just a few yards north of the Mexican border For more than a century the smelter produced vast quantities of copper along with millions of

tons of toxins During six of those years the smelter also burned highly toxic industrial waste under the guise of processing copper with dire consequences for worker and community health Copper Stain is a history of environmental injustice corporate malfeasance political treachery and a community fighting for its life The book gives voice to nearly one hundred Mexican Americans directly affected by these events Their frank and often heartrending stories published here for the first time evoke the grim reality of laboring under giant machines and lava spewing furnaces while turning mountains of rock into copper ingots all in service to an employer largely indifferent to workers welfare With horror and humor anger courage and sorrow the authors and their interviewees reveal how ASARCO subjected its employees and an unsuspecting public to pollution diseases and early death with little in the way of compensation Elaine Hampton and Cynthia C Ontiveros weave this eloquent testimony into a cautionary tale of toxic exposure community activism and a corporate employer s dubious relationship with ethics set against the political tug of war between industry s demands and government s obligation to protect the health of its people and the environment Nursing the Nation Jean C. Whelan,2021-02-12 **Persisting**

Pandemics Powel H. Kazanjian,2024-11-15 Persisting Pandemics explores the history of syphilis and AIDS to provide insights into the limits of biomedicine and our experience with epidemics today Novel therapies developed for syphilis and AIDS became renowned in the medical field and the broader public sphere as exemplars of biomedical innovations Public health campaigns based on these spectacular biomedical advances however have repeatedly fallen short of their goals to eliminate syphilis and AIDS in the population The diseases epitomize the power of innovative biomedical therapies for the individual while unveiling limitations of scientific medicine in the domain of public health The need for a public health approach to address mistrust in science government indifference and racial inequalities is relevant for strategies to eliminate Covid 19 today Persisting Pandemics argues that campaigns to eliminate these diseases have not succeeded because they have not adequately addressed how diseases like AIDS syphilis and Covid spread unevenly in populations according to race ethnicity and geographic location Despite the expectation of public health officials that medical advances would render epidemics obsolete new diseases continue to emerge and spread regardless of efforts to eliminate them Medical doctor and historian Powel Kazanjian concludes that narratives of syphilis AIDS and Covid unlike smallpox do not contain a discrete ending at least not within the timelines specified by their elimination campaigns Instead they will be a continued part of our existence Provided by publisher **Importing Care, Faithful Service** Stephen M. Cherry,2022-06-17 Veterans and a Crisis

of Care Colonialism Christian Cultures and Nursing Care New American Battlefields Understanding and Coping with the Trauma of War Faith and the Practice of Care Extending Health and Care to Community Who Will Care for America

Abortion Care as Moral Work Curtis Boyd,Glenna Boyd,Renee Chelian,Marc Heller,Sarah Dubow,Amy Hagstrom Miller,Thomas Cunningham,Shelley Sella,Colin Partridge,Shannon Withycombe,2022-06-30 Introduction Providing Abortion Care Clinics Conscience The Fetus *Mammography Wars* Asia Friedman,2023-06-16 Mammography is a routine health

screening performed 40 million times each year in the United States yet it remains one of the most deeply contested topics in medicine In Mammography Wars sociologist Asia Friedman uses the sociology of attention to map the cognitive structure of the mammography wars

Case Studies on Corporations and Global Health Governance Nora Kenworthy, Ross MacKenzie, Kelley Lee, 2016-07-18 There is growing evidence of the wide ranging impacts of corporations in selected industries on global patterns of health and disease However limited analysis has been undertaken of the increasing corporate involvement in collective action needed to effectively address these impacts This book brings together a wide ranging collection of case studies that provide new empirical research on how corporations impact on influence of and could be held more accountable to global health governance Written by leading and emerging scholars from a broad range of disciplinary perspectives each case study seeks to expand the methods conceptual approaches and sources of data used to address three key questions What impacts are corporations having on global health governance How do corporations shape and influence global health governance in ways that protect and promote their own interests What forms of global health governance are needed to mediate these corporate impacts in ways that protect and promote population health Also for a practical guide on how to conduct research on the impact of corporations on global health and global health governance see the partner volume http://www.rowmaninternational.com/books/researching_corporations_and_global_health_governance

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Table of Contents Tainted Earth Smelters Public Health And The Environment Marianne Sullivan

1. Understanding the eBook Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - The Rise of Digital Reading Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - Advantages of eBooks Over Traditional Books
2. Identifying Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - 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 Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - User-Friendly Interface
4. Exploring eBook Recommendations from Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - Personalized Recommendations
 - Tainted Earth Smelters Public Health And The Environment Marianne Sullivan User Reviews and Ratings
 - Tainted Earth Smelters Public Health And The Environment Marianne Sullivan and Bestseller Lists
5. Accessing Tainted Earth Smelters Public Health And The Environment Marianne Sullivan Free and Paid eBooks
 - Tainted Earth Smelters Public Health And The Environment Marianne Sullivan Public Domain eBooks

- Tainted Earth Smelters Public Health And The Environment Marianne Sullivan eBook Subscription Services
- Tainted Earth Smelters Public Health And The Environment Marianne Sullivan Budget-Friendly Options
- 6. Navigating Tainted Earth Smelters Public Health And The Environment Marianne Sullivan eBook Formats
 - ePub, PDF, MOBI, and More
 - Tainted Earth Smelters Public Health And The Environment Marianne Sullivan Compatibility with Devices
 - Tainted Earth Smelters Public Health And The Environment Marianne Sullivan Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - Highlighting and Note-Taking Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - Interactive Elements Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
- 8. Staying Engaged with Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
- 9. Balancing eBooks and Physical Books Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - Setting Reading Goals Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - Fact-Checking eBook Content of Tainted Earth Smelters Public Health And The Environment Marianne Sullivan
 - 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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