

THE GREAT STINK OF LONDON SIR JOSEPH BAZALGETTE AN

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Underground to Everywhere - Stephen Halliday 2004

London's Underground is one of the best-known and distinctive aspects of the city. Since Victorian Times, this remarkable feat of engineering has made an extraordinary contribution to the economy of the capital and played a vital role in the daily life of generations of Londonders. Stephen Halliday's informative, entertaining, wide-ranging history of the Underground celebrates the vision and determination of the Victorian Pioneers who conceived this revolutionary transport system. His book records the scandal, disappointments, and disasters that have punctuated the story and the careers of the gifted, dedicated, sometimes corrupt individuals that have shaped it's history. It also gives a fascinating insight into the neglected, often unseen aspects of this subterranean system - the dense network of tunnels, shafts and chambers that have been created beneath the city streets. STEPHEN HALLIDAY is an authority on the history of London, with a special interest in the great engineering and construction works which created the modern city. He is the author of *The Great Stink of London: Sir Joseph Bazalgette and the Cleansing of the Victorian Metropolis*.

Animals Go Vroom! - Abi Cushman 2021-08-24

With a nod to Richard Scarry, this inventive picture book surprises readers with every turn of the page! Hiss! Screech! Roar! It's a noisy day in Bumperville! But are the sounds what you think they are? That Honk! must surely be a goose. But turn the page and it's the taxi that a goose is driving! Using cleverly placed die-cuts, this inventive book hints at what is making the sound, but with each turn of the page, it's an eye-opening surprise and part of an unfolding story that is part guessing game and part giggle-inducing caper. Abi Cushman is the master of surprise and silliness in this absolutely delightful picture book.

The Victorian City - Judith Flanders 2014-07-15

From the New York Times bestselling and critically acclaimed author of *The Invention of Murder*, an

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extraordinary, revelatory portrait of everyday life on the streets of Dickens' London. The nineteenth century was a time of unprecedented change, and nowhere was this more apparent than London. In only a few decades, the capital grew from a compact Regency town into a sprawling metropolis of 6.5 million inhabitants, the largest city the world had ever seen. Technology—railways, street-lighting, and sewers—transformed both the city and the experience of city-living, as London expanded in every direction. Now Judith Flanders, one of Britain's foremost social historians, explores the world portrayed so vividly in Dickens' novels, showing life on the streets of London in colorful, fascinating detail. From the moment Charles Dickens, the century's best-loved English novelist and London's greatest observer, arrived in the city in 1822, he obsessively walked its streets, recording its pleasures, curiosities and cruelties. Now, with him, Judith Flanders leads us through the markets, transport systems, sewers, rivers, slums, alleys, cemeteries, gin palaces, chop-houses and entertainment emporia of Dickens' London, to reveal the Victorian capital in all its variety, vibrancy, and squalor. From the colorful cries of street-sellers to the uncomfortable reality of travel by omnibus, to the many uses for the body parts of dead horses and the unimaginably grueling working days of hawker children, no detail is too small, or too strange. No one who reads Judith Flanders's meticulously researched, captivatingly written *The Victorian City* will ever view London in the same light again.

Victorian London - Liza Picard 2014-01-28

To Londoners, the years 1840 to 1870 were years of dramatic change and achievement. As suburbs expanded and roads multiplied, London was ripped apart to build railway lines and stations and life-saving sewers. The Thames was contained by embankments, and traffic congestion was eased by the first underground railway in the world. A start was made on providing housing for the "deserving poor." There were significant advances in medicine, and the Ragged Schools are perhaps the least known of Victorian

achievements, in those last decades before universal state education. In 1851 the Great Exhibition managed to astonish almost everyone, attracting exhibitors and visitors from all over the world. But there was also appalling poverty and exploitation, exposed by Henry Mayhew and others. For the laboring classes, pay was pitifully low, the hours long, and job security nonexistent. Liza Picard shows us the physical reality of daily life in Victorian London. She takes us into schools and prisons, churches and cemeteries. Many practical innovations of the time—flushing lavatories, underground railways, umbrellas, letter boxes, driving on the left—point the way forward. But this was also, at least until the 1850s, a city of cholera outbreaks, transportation to Australia, public executions, and the workhouse, where children could be sold by their parents for as little as £12 and streetpeddlers sold sparrows for a penny, tied by the leg for children to play with. Cruelty and hypocrisy flourished alongside invention, industry, and philanthropy.

The Thames Embankment - Dale H. Porter 1998

Any large-scale construction project is a complex of contingencies, pitting the volatility of nature against human ingenuity, and setting the discord of human nature against itself. In *The Thames Embankment*, Dale H. Porter explores the tangled history of a monumental venture in Victorian London, telling with wit and authority the stories of those involved in and affected by this rough-and-tumble process, from mudlarks and wharfingers to prime ministers and lords. The embankment of the Thames River is often considered the final element of the London Main Drainage, a great engineering project that carried the sewage of the crowded metropolis down the valley and reduced the toxic pollution of the river and surrounding neighborhoods. But the Embankment, whose construction took almost fifty years from concept to completion, achieved fame in its own right, as an immense, expensive, and successful event that reflected the cultural ecology of Victorian society. In this richly detailed and multifaceted study, Dale H. Porter reveals the intricate weave of values and practices—environmental, political, economic, technological, and aesthetic—that made possible the planning and building of these structures that altered and became a permanent part of the London riverscape. Above all, *The Thames Embankment* shows how innovations in technology, in environmental assessment, and in public policy formations not only lead to public works projects but are, in turn, stimulated and shaped by them.

The Great Stink - Clare Clark 2006-10-02

A mystery that offers “a gripping and richly atmospheric glimpse into the literal underworld of Victorian England—the labyrinthine London sewer system” (Publishers Weekly, starred review). Clare Clark’s critically acclaimed *The Great Stink* “reeks of talent” as it vividly brings to life the dark and mysterious underworld of Victorian London (The Washington Post Book World). Set in 1855, it tells the story of William May, an engineer who has returned home to London from the horrors of the Crimean War. When he secures a job

transforming the city’s sewer system, he believes that he will be able to find salvation in the subterranean world beneath the city. But the peace of the tunnels is shattered by a murder, and William is implicated as the killer. Could he truly have committed the crime? How will he bring the truth above ground? With richly atmospheric prose, *The Great Stink* combines fact and fiction to transport readers into London’s putrid past, and marks the debut of a remarkably talented writer in the tradition of the very best historical novelists. “A crackerjack historical novel that combines the creepy intrigue of Caleb Carr, the sensory overload of Peter Ackroyd and the academic curiosity of A. S. Byatt.” —Los Angeles Times

Newgate - Stephen Halliday 2007-12-31

There have been more prisons in London than in any other European city. Of these, Newgate was the largest, most notorious and worst. Built during the twelfth century, it became a legendary place - the inspiration of more poems, plays and novels than any other building in London. It was a place of cruelty and wretchedness, at various times holding Dick Turpin, Titus Oates, Daniel Defoe, Jack Sheppard and Casanova. Because prisons were privately run, any time spent in prison had to be paid for by the prisoner. Housing varied from a private cell with a cleaning woman and a visiting prostitute, to simply lying on the floor with no cover. Those who died inside - and only a quarter of prisoners survived until their execution day - had to stay in Newgate as a rotting corpse until relatives found the money for the body to be released. Stephen Halliday tells the story of Newgate's origins, the criminals it held, the punishments meted out and its rebuilding and reform. This is a compelling slice of London's social and criminal history.

Cholera - Amanda J Thomas 2015-09-21

Discover the story of the disease that devastated the Victorian population, and brought about major changes in sanitation. Drawing on the latest scientific research and a wealth of archival material, Amanda Thomas uses first-hand accounts, blending personal stories with an overview of the history of the disease and its devastating after-effects on British society. This fascinating history of a catastrophic disease uncovers forgotten stories from each of the major cholera outbreaks in 1831-3, 1848-9, 1853-4 and 1866. Amanda Thomas reveals that Victorian theories about the disease were often closer to the truth than we might assume, among them the belief that cholera was spread by miasma, or foul air.

The Ghost Map - Steven Johnson 2006

"It is the summer of 1854. Cholera has seized London with unprecedented intensity. A metropolis of more than 2 million people, London is just emerging as one of the first modern cities in the world. But lacking the infrastructure necessary to support its dense population - garbage removal, clean water, sewers - the city has become the perfect breeding ground for a terrifying disease that no one knows how to cure." "As their

neighbors begin dying, two men are spurred to action: the Reverend Henry Whitehead, whose faith in a benevolent God is shaken by the seemingly random nature of the victims, and Dr. John Snow, whose ideas about contagion have been dismissed by the scientific community, but who is convinced that he knows how the disease is being transmitted. The Ghost Map chronicles the outbreak's spread and the desperate efforts to put an end to the epidemic - and solve the most pressing medical riddle of the age."--BOOK JACKET.

An Underground Guide to Sewers - Stephen Halliday 2019-11-05

A global guide to sewers that celebrates the magnificently designed and engineered structures beneath the world's great cities. The sewer, in all its murkiness, filthiness, and subterranean seclusion, has been an evocative (and redolent) literary device, appearing in works by writers ranging from Charles Dickens to Graham Greene. This entertaining and erudite book provides the story behind, or beneath, these stories, offering a global guide to sewers that celebrates the magnificently designed and engineered structures that lie underneath the world's great cities. Historian Stephen Halliday leads readers on an expedition through the execrable evolution of waste management—the open sewers, the cesspools, the nightsoil men, the scourge of waterborne diseases, the networks of underground piping, the activated sludge, the fetid fatbergs, and the sublime super sewers. Halliday begins with sanitation in the ancient cities of Mesopotamia, Greece, and Imperial Rome, and continues with medieval waterways (also known as “sewage in the street”); the civil engineers and urban planners of the industrial age, as seen in Liverpool, Boston, Paris, London, and Hamburg; and, finally, the biochemical transformations of the modern city. The narrative is illustrated generously with photographs, both old and new, and by archival plans, blueprints, and color maps tracing the development of complex sewage systems in twenty cities. The photographs document construction feats, various heroics and disasters, and ingenious innovations; new photography from an urban exploration collective offers edgy takes on subterranean networks in cities including Montreal, Paris, London, Berlin, and Prague.

Pioneers in Public Health - Jill Stewart 2017-04-21

The public health movement involved numerous individuals who made the case for change and put new practices into place. However despite a growing interest in how we understand history to inform current evidence-based practice, there is no book focusing on our progressive pioneers in public health and environmental health. This book seeks to fill that gap. It examines carefully selected public and environmental health pioneers who made a real difference to the UK's health, some with international influence. Many of these pioneers were criticised in their life-times, yet they had the strength of character to know what they were doing was fundamentally right and persevered, often against many odds. Including chapters on: Thomas

Fresh John Snow Duncan of Liverpool Margaret McMillan George Cadbury Christopher Addison Margery Spring Rice and others. This book will help readers place pioneers in a wider context and to make more sense of their academic and practitioner work today; how evidence (and what was historically understood by it) underpins modern day practice; and how these visionary pioneers developed their ideas into practice, some not fully appreciated until after their own deaths. *Pioneers in Public Health* sets the tone for a renewed focus on research into evidence-based public and environmental health, which has become subject of growing international interest in recent years.

London In The Nineteenth Century - Jerry White 2011-06-08

Jerry White's *London in the Nineteenth Century* is the richest and most absorbing account of the city's greatest century by its leading expert. London in the nineteenth century was the greatest city mankind had ever seen. Its growth was stupendous. Its wealth was dazzling. Its horrors shocked the world. This was the London of Blake, Thackeray and Mayhew, of Nash, Faraday and Disraeli. Most of all it was the London of Dickens. As William Blake put it, London was 'a Human awful wonder of God'. In Jerry White's dazzling history we witness the city's unparalleled metamorphosis over the course of the century through the daily lives of its inhabitants. We see how Londoners worked, played, and adapted to the demands of the metropolis during this century of dizzying change. The result is a panorama teeming with life.

Newgate - Stephen Halliday 2008-01-30

There have been more prisons in London than in any other European city. Of these, Newgate was the largest, most notorious and worst. This work tells the story of Newgate's origins, the criminals it held, the punishments meted out and its rebuilding and reform.

Beneath the City Streets - Peter Laurie 1972

Walk Through History - Christopher Winn 2018-03-01

'What is this life if, full of care, We have no time to stand and stare.' - W.H. Davies Walking around London is one of life's great pleasures. There is a huge amount that you can only see on foot – but sometimes it is hard to know where to look. Luckily, Christopher Winn, bestselling author of *I Never Knew That About London*, knows where all the hidden treasures are. This book takes the reader on a series of stimulating original walks through different areas of central London, focusing on one particular period of history, the Victorian, so ubiquitous that we take it for granted, and yet so astonishing and so far reaching in its variety, imagination, ambition and detail. Discover... ..the remarkable 300-foot bell tower at the Houses of Parliament you never knew was there.... ..the extraordinary fairytale house in Kensington where the Mikado was inspired... ..the

best Victorian loos in the world near Old Street... ..a hidden chapel in Bloomsbury described by Oscar Wilde as 'the most delightful private chapel in London'... ..London's best preserved high class Victorian shop near Tottenham Court Road... ..an almost complete Victorian townscape boasting the world's oldest surviving mansion block... Walk through history and discover the hidden gems of Victorian London!

London Clay - Tom Chivers 2022-06-16

_____ London Clay explores the hidden layers that make up this city. Armed with just his tattered Streetfinder map, Chivers leads his reader down forgotten waterways into abandoned catacombs and buried stations, exploring the nooks and crannies of a forgotten city. His network of journeys combine together to produce a compelling interrogation of London's past. In a route that covers much of his own personal history, this is a bold exploration of the city's secrets and asks us also to consider important questions about its future.

One Hot Summer - Rosemary Ashton 2017-07-18

A unique, in-depth view of Victorian London during the record-breaking summer of 1858, when residents both famous and now-forgotten endured “The Great Stink” together While 1858 in London may have been noteworthy for its broiling summer months and the related stench of the sewage-filled Thames River, the year is otherwise little remembered. And yet, historian Rosemary Ashton reveals in this compelling microhistory, 1858 was marked by significant, if unrecognized, turning points. For ordinary people, and also for the rich, famous, and powerful, the months from May to August turned out to be a summer of consequence. Ashton mines Victorian letters and gossip, diaries, court records, newspapers, and other contemporary sources to uncover historically crucial moments in the lives of three protagonists—Charles Dickens, Charles Darwin, and Benjamin Disraeli. She also introduces others who gained renown in the headlines of the day, among them George Eliot, Karl Marx, William Thackeray, and Edward Bulwer Lytton. Ashton reveals invisible threads of connection among Londoners at every social level in 1858, bringing the celebrated city and its citizens vibrantly to life.

Our Troubles with Food - Stephen Halliday 2009-01-01

For millennia the normal, natural and pleasurable activity of eating has been surrounded by fear and anxiety. Religious traditions have long decreed what foods are right for their followers to eat, but secularisation and scientific progress have not made the situation easier. Our present obsession with health, obesity, ethics and science has seemingly developed from a society that is over-supplied with the necessities of life. For the first time, social historian Stephen Halliday looks at the history of our fascinating relationship with food, from Galen in the first century AD declaring that fruit was the worst kind of food to eat, to John Kellogg's belief that eating

wholegrain cereals would prevent masturbation and bring people closer to God. Through modern fears and food scares such as mad cow disease to our current fascination with superfoods, 'friendly' bacteria and organic farming, *Our Troubles with Food* is a thorough analysis of our changing attitudes towards food and a reminder that we are not so very different from our forbears after all.

Daughter of the River - Ying Hong 1998

From her upbringing in the slums of Chongqing to her sexual and intellectual awakening to her search to unravel the mystery of her birth, a coming-of-age portrait by a renowned poet and novelist details her turbulent life against the backdrop of Communist China.

Joseph Bazalgette - Hourly History 2018-04-26

Joseph Bazalgette One man has probably done more good and saved more lives than any single public official of the Victorian era. The man being described was an engineer, city planner, bridge builder, and landscape architect; his name was Sir Joseph Bazalgette. Probably best remembered as the man who designed the London sewer network, he almost single-handedly eliminated virulent epidemics and changed the River Thames from an open sewer into one of the cleanest urban rivers in the world. He also transformed the face of London forever. Inside you will read about... - Early Years - The Big Stink - Bazalgette's Plan - The Embankments - Bridges across the Thames And much more!

The Thames Tideway Tunnel - Mr Phil Stride 2019-02-25

In 1858 the ‘Great Stink of London’ made much of the city along the Thames uninhabitable. Between 1848 and 1854 nearly 25,000 Londoners died of cholera, a disease borne by foul water. Joseph Bazalgette saved the city, building sewers that would serve 4 million people and stop waste water emptying into the Thames. These sewers are still the backbone of London’s sewerage system today, but the city’s population is now approaching 10 million; the old sewers can’t cope and action needs to be taken to ensure that ‘The Great Stink’ never happens again. This is where the Thames Tideway Tunnel comes in: a £4.2 billion, 25km-long, 7.2m-diameter tunnel that will stop virtually all of the sewer overflows into the Thames and give us a cleaner and healthier river and city. This is the inside story on the tunnel, from the very start to breaking ground and all the steps along the way. Written by Phil Stride, a leading civil engineer, it is a unique chance both to see behind the scenes of an incredible civil engineering project and to meet the people who’ve taken it forward over the last ten years.

On the Mode of Communication of Cholera - John Snow 1849

Family and Business During the Industrial Revolution - Hannah Barker 2017

Small businesses were at the heart of the economic growth and social transformation that characterized the industrial revolution in eighteenth and nineteenth century Britain; this monograph examines the economic, social, and cultural history of some of these forgotten businesses and the men and women who worked in them and ran them.

London My London - Victor Keegan 2017-06-22

Victor Keegan was born in the outer reaches of suburbia in Raynes Park and now lives in the centre of London in Victoria. Described in the Observer as a "cult poet" he often walks the streets and alleys seeking ideas. London My London, his 5th book, covers life from birth amidst the bombs of the Second World War to his belated discovery of London's hidden history. He once walked from Trafalgar Square to Islington without crossing a road and also recorded in a poem in this book - from Trafalgar Square to Margate also without setting foot on a road. Victor spent most of his working life as a journalist on the Guardian and now writes the LondonMyLondon.co.uk blog plus Twitter feeds @LonStreetWalker, @ShakespearesLon and @vickeegan. He has published iPhone apps Gems of London, Shakespeare's London and City Poems. His other interests include English and Welsh wines on which he blogs at victorkeegan.com. He is married with two children.

The Great Stink of London - Stephen Halliday 2001-02-15

In the sweltering summer of 1858 the stink of sewage from the polluted Thames was so offensive that it drove Members of Parliament from the chamber of the House of Commons. Sewage generated by a population of over two million Londoners was pouring into the river and was being carried to and fro by the tides. The Times called the crisis "The Great Stink". Parliament had to act - drastic measures were required to clean the Thames and to improve London's primitive system of sanitation. The great engineer entrusted by Parliament with this enormous task was Sir Joseph Bazalgette, and this book is a fascinating account of his life and work. Bazalgette's response to the challenge was to conceive and build the system of intercepting sewers, pumping stations and treatment works that serves London to this day. In the process he cleansed the River Thames of the capital's sewage and helped to banish cholera, which in the mid-nineteenth century carried off over 40,000 Londoners. But this successful scheme was only one element in Bazalgette's wider contribution to the development of the Victorian capital. He also reclaimed land from the Thames to construct the Victoria, Albert and Chelsea Embankments, built bridges across the Thames at Putney, Battersea and Hammersmith, and created many notable new thoroughfares including Charing Cross Road, Northumberland Avenue and Shaftesbury Avenue. Stephen Halliday's enthralling social and personal history gives a vivid insight into Bazalgette's achievements and the era in which he worked and lived. The author traces the origins of Bazalgette's family in revolutionary France, the confusing sanitation system that he inherited from medieval

and Tudor times and his heroic battle with politicians, bureaucrats and huge engineering problems to transform the face and health of the world's largest city.

The Great Stink - Colleen Paeff 2021-08-31

A Robert F. Sibert Honor Book! Discover the true story about the determined engineer who fixed London's pollution problem in this funny, accessible nonfiction picture book featuring engaging art from the illustrator of Queen Victoria's Bathing Machine. It's the summer of 1858, and London's River Thames STINKS. What is creating this revolting smell? The answer is gross: the river is full of poop. But the smell isn't the worst problem. Every few years, cholera breaks out, and thousands of people die. Could there be a connection between the foul water and the deadly disease? One engineer dreams of making London a cleaner, healthier place. His name is Joseph Bazalgette. His grand plan to create a new sewer system to clean the river is an engineering marvel. And his sewers will save lives. Nothing stinky about that. With tips for how to prevent pollution today, this fascinating look at science, history, and what one person can do to create change will impress and astound readers who want to help make their planet a cleaner, happier place to live.

London - Stephen Halliday 2011-09

A collection of stories and trivia about the city of London.

Elon Musk: A Mission to Save the World - Anna Crowley Redding 2019-07-02

A riveting and beautifully designed YA biography that shows how a once-bullied school boy became an iconic visionary who the New York Times described as "arguably the most important and successful entrepreneur in the world." Elon Musk is the visionary behind SpaceX and CEO of the electric car company Tesla. He is working on unique and daring improvements to both public transit and solar energy. And then, there's his highly-publicized plans for colonizing Mars... But behind the mind-blowing headlines and legendary drive is the story of a bullied and beaten school boy, who through creativity and determination decided to rewrite his story and find his own way to make the world a better place. And to do so with a sense of fun and style. From hosting raves to pay for college to re-writing the rules on space travel, Elon Musk has always gone his own way. And now, award-winning investigative journalist, Anna Crowley Redding takes readers on a well-researched trip through Elon's life and accomplishments.

The Great Stink of London - Stephen Halliday 2023-07-13

Reports on epidemic cholera - William Baly 1854

Amazing and Extraordinary Facts about Great Britain - Stephen Halliday 2011-03

"Amazing & Extraordinary Facts about Great Britain unearths the hidden legends, laws, landscapes, discoveries, adventures and locations that have shaped Britain's compelling, and at times, tumultuous past. Explore how Britain was formed - its geology and climate, the quirky characters and events of its history and the origin of British institutions, such as public schools, fish and chips and driving on the left hand side."-- Publisher's description.

The Great Stink of London - Stephen Halliday 2001-02-15

In the sweltering summer of 1858 the stink of sewage from the polluted Thames was so offensive that it drove Members of Parliament from the chamber of the House of Commons. Sewage generated by a population of over two million Londoners was pouring into the river and was being carried to and fro by the tides. The Times called the crisis "The Great Stink". Parliament had to act - drastic measures were required to clean the Thames and to improve London's primitive system of sanitation. The great engineer entrusted by Parliament with this enormous task was Sir Joseph Bazalgette, and this book is a fascinating account of his life and work. Bazalgette's response to the challenge was to conceive and build the system of intercepting sewers, pumping stations and treatment works that serves London to this day. In the process he cleansed the River Thames of the capital's sewage and helped to banish cholera, which in the mid-nineteenth century carried off over 40,000 Londoners. But this successful scheme was only one element in Bazalgette's wider contribution to the development of the Victorian capital. He also reclaimed land from the Thames to construct the Victoria, Albert and Chelsea Embankments, built bridges across the Thames at Putney, Battersea and Hammersmith, and created many notable new thoroughfares including Charing Cross Road, Northumberland Avenue and Shaftesbury Avenue. Stephen Halliday's enthralling social and personal history gives a vivid insight into Bazalgette's achievements and the era in which he worked and lived. The author traces the origins of Bazalgette's family in revolutionary France, the confusing sanitation system that he inherited from medieval and Tudor times and his heroic battle with politicians, bureaucrats and huge engineering problems to transform the face and health of the world's largest city.

The Great Stink of London - Stephen Halliday 2008

Dirty Old London - Lee Jackson 2014-01-01

In Victorian London, filth was everywhere: horse traffic filled the streets with dung, household rubbish went uncollected, cesspools brimmed with "night soil," graveyards teemed with rotting corpses, the air itself was choked with smoke. In this intimately visceral book, Lee Jackson guides us through the underbelly of the Victorian metropolis, introducing us to the men and women who struggled to stem a rising tide of pollution

and dirt, and the forces that opposed them. Through thematic chapters, Jackson describes how Victorian reformers met with both triumph and disaster. Full of individual stories and overlooked details--from the dustmen who grew rich from recycling, to the peculiar history of the public toilet--this riveting book gives us a fresh insight into the minutiae of daily life and the wider challenges posed by the unprecedented growth of the Victorian capital.

The Medical Detective - Sandra Hempel 2014-03-06

In 1831, an unknown, horrifying and deadly disease from Asia swept across Continental Europe, killing millions in its path and throwing the medical profession into confusion. Cholera is a killer with little respect for class or wealth. When it arrived in Britain, its repercussions rocked Victorian England - from the filthy lanes of the Sunderland quayside and the squalid streets of Soho, to the great centres of power: the Privy Council, Whitehall and the Royal Medical Colleges. One man - alone and unrecognized - uncovered the truth behind the pandemic and laid the foundations for the modern scientific investigation of today's fatal plagues. John Snow was a reclusive doctor, without money or social position, who had the genius to look beyond the conventional wisdom of his day and work out that cholera was spread through drinking water. The book draws extensively on nineteenth-century medical, political and personal records in order to describe what is both an important breakthrough for medical science and also a dramatic story with a cast of colourful characters, from the heroic to the frighteningly incompetent. The book is also full of fascinating diversions into aspects of medical and social history, from Snow's tending of Queen Victoria in childbirth, to the Dutch microbiologist Leeuwenhoek's breeding of lice in his socks, and from Dickensian children's farms to riotous nineteenth-century anaesthesia parties.

An Underground Guide to Sewers - Stephen Halliday 2019-11-05

A global guide to sewers that celebrates the magnificently designed and engineered structures beneath the world's great cities. The sewer, in all its murkiness, filthiness, and subterranean seclusion, has been an evocative (and redolent) literary device, appearing in works by writers ranging from Charles Dickens to Graham Greene. This entertaining and erudite book provides the story behind, or beneath, these stories, offering a global guide to sewers that celebrates the magnificently designed and engineered structures that lie underneath the world's great cities. Historian Stephen Halliday leads readers on an expedition through the execrable evolution of waste management--the open sewers, the cesspools, the nightsoil men, the scourge of waterborne diseases, the networks of underground piping, the activated sludge, the fetid fatbergs, and the sublime super sewers. Halliday begins with sanitation in the ancient cities of Mesopotamia, Greece, and Imperial Rome, and continues with medieval waterways (also known as "sewage in the street"); the civil

engineers and urban planners of the industrial age, as seen in Liverpool, Boston, Paris, London, and Hamburg; and, finally, the biochemical transformations of the modern city. The narrative is illustrated generously with photographs, both old and new, and by archival plans, blueprints, and color maps tracing the development of complex sewage systems in twenty cities. The photographs document construction feats, various heroics and disasters, and ingenious innovations; new photography from an urban exploration collective offers edgy takes on subterranean networks in cities including Montreal, Paris, London, Berlin, and Prague.

Amazing and Extraordinary London Underground Facts - Stephen Halliday 2009

A reference to the history of the London Underground that reveals fresh insights into the history of the iconic transport system. It helps to discover the tales of the building of the first lines in the mid-nineteenth century and the steam trains that ran along them, and the abandoned ghost stations.

The Great Stink - Colleen Paeff 2021-08-31

"This funny and informative picture book tells the story of Joseph Bazalgette, a 19th century engineer who designed London's first comprehensive sewage system. In doing so, he saved thousands of lives from cholera outbreaks that regularly plagued the city. This STEM-focused story provides a window into the past and shows how one invention went on to affect generations to come-and teaches kids how they can prevent pollution in their own neighborhoods today"--

The Great Stink of Paris and the Nineteenth-Century Struggle Against Filth and Germs - David S. Barnes
2006-06-06

Ultimately, the attitudes of physicians and the French public were shaped by political struggles between republicans and the clergy, by aggressive efforts to educate and civilize the peasantry, and by long-term shifts in the public's ability to tolerate the odor of bodily substances.--Donald Reid, University of North Carolina at Chapel Hill "American Historical Review"

London's Lost Rivers - Paul Talling 2020-04-02

From the sources of the Fleet in Hampstead's ponds to the mouth of the Effra in Vauxhall, via the meander of the Westbourne through 'Knight's Bridge' and the Tyburn's curve along Marylebone Lane, London's Lost Rivers unearths the hidden waterways that flow beneath the streets of the capital. Paul Talling investigates how these rivers shaped the city - forming borough boundaries and transport networks, fashionable spas and stagnant slums - and how they all eventually gave way to railways, roads and sewers. Armed with his camera, he traces their routes and reveals their often overlooked remains: riverside pubs on the Old Kent Road, healing wells in King's Cross, 'stink pipes' in Hammersmith and gurgling gutters on streets across the city. Packed with maps and over 100 colour photographs, London's Lost Rivers uncovers the watery history of the city's most famous sights, bringing to life the very different London that lies beneath our feet.