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I was honored to represent my Jewish community at the University of Kentucky, in Lexington, and across the Commonwealth, at the No Fear rally in response to the global rise in antisemitism, outside ...

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On Brewster Island stands America's first lighthouse, built to protect commerce ships sailing into Boston. Then it's over to Western Mass to a farmer who has conserved more than 800 acres of land ...

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This is a form of petroleum jelly, previously used to treat cuts and burns. It was found to block ultraviolet light, but was oily and unpleasant to apply. After the war, Benjamin Green ...

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But for the first time, the content of the records are being catalogued and digitised – shedding light on a slice of many people ' s family history that has never before been told.

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This story was first published on The Conversation. What has been missing in this rich literature is a deep history that benefits from a diverse range of disciplines and sources. Scholars have ...

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DENVER -- In southern Colorado, near the border with New Mexico, sit two counties: Costilla and Conejos, with a history rarely talked about but which was recently revealed through the discovery of ...

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Known from previous works for his meticulous research of subjects and way of telling stories, this play shines a glaring light on a reprehensible piece of New Zealand ' s history, the attempt by ...

[Wairau Affray play shines a glaring light on one of our darkest chapters in our history](#)

In 1884, Teddy Roosevelt was a rising political star – a Harvard-educated, well travelled, well-do-to young man with a reformist drive. And yet he could still utter these despicable words: “ I ...

[Why is America ' s history in dealing with Indigenous peoples held in a harsher light than Canada ' s?](#)

A piece of barbed wire that Matthew Diebel found as a boy still sits on the windowsill of his family house on the British island of Alderney. It was the barbed wire that made me sense that ...

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Having been a professional diver for over thirty years, marine biologist Hakan Kabasakal sheds light on the consumption history of Istanbul with various bottles he took from the bottom of the ...

[Bottles from Bosphorus shed light on the consumption history of Istanbul](#)

but we obtained a comprehensive set of samples spanning more than 300,000 years of Siberian history, ” said Professor Zenobia Jacobs, a researcher at the University of Wollongong. “ The ...

Ancient DNA Analysis Sheds New Light on Occupational History of Denisova Cave

At times baffling, at others provocative, visually adept and philosophic, " All Light, Everywhere " is a thought-provoking examination of the camera and its use by law enforcement, as a recorder of ...

Review: 'All Light, Everywhere' critically examines the use of the camera by law enforcement

First, on the subtle signs of partisanship (or political valence or whatever term one prefers). The majority opinion begins by recounting the history that led to our current moment of sentencing ...

Unanimous ruling on crack-cocaine disparity is heavy on text, light on history

Historical records shed light on a traditional hockey-style game ... the library's Aboriginal History Unit research officer, made the discovery while looking through a Bunbury police station ...

Chance find in WA State Library sheds light on Indigenous hockey history

A letter from Bernard Collaery to his client Witness K sheds light on how the alleged spying operation arose in their discussions.(One of the key pieces of evidence in the case was a letter Mr ...

Court documents shed new light on man behind moniker 'Witness K' and how he met lawyer Bernard Collaery

What has been missing in this rich literature is a deep history that benefits from a diverse range of disciplines and sources. Scholars have long recognised the value of combining different ...

A long view sheds fresh light on the history of the Yoruba people in West Africa

Fort Garland museum brings to light dark history of Native enslavement in Southern Colorado July 2, 2021, 9:39 PM In southern Colorado, near the border with New Mexico, sit two counties: Costilla and ...

Fort Garland museum brings to light dark history of Native enslavement in Southern Colorado

They number between 35 and 40 million. Their dynamic culture, philosophy, arts, language, sociology and history have attracted numerous studies. What has been missing in this rich literature is a ...

2003 Paul Bunge Prize of the Hans R. Jenemann Foundation for the History of Scientific Instruments Judging the brightness and color of light has long been contentious. Alternately described as impossible and routine, it was beset by problems both technical and social. How trustworthy could such measurements be? Was the best standard of intensity a gas lamp, an incandescent bulb, or a glowing pool of molten metal? And how much did the answers depend on the background of the specialist? A History of Light and Colour Measurement: Science in the Shadows is a history of the hidden workings of physical science—a technical endeavor embedded in a social context. It argues that this "undisciplined" subject, straddling academia, commerce, and regulation, may be typical not only of 20th century science, but of its future. Attracting scientists, engineers, industrialists, and artists, the developing subject produced a new breed of practitioners having mixed provenance. The new measurers of light had to decide the shape not only of their specialism but of their careers: were they to be a part of physics, engineering, or psychology? The physical scientists who dominated the subject into the early 20th century made their central aim the replacement of the problematic human eye with physical detectors of light. For psychologists between the wars, though, describing the complexity of color was more important than quantifying a handful of its dimensions. And after WWII, military designers shaped the subject of radiometry and subsumed photometry and colorimetry within it. Never attaining a professional cachet, these various specialists moved fluidly between science and technology; through government, industry, and administration.

When was photography invented, in 1826 with the first permanent photograph? If we depart from the technologically oriented accounts and consider photography as a philosophical discourse an alternative history appears, one which examines the human impulse to reconstruct the photographic or "the evoking of light † ? . It's significance throughout the history of ideas is explored via the Platonic Dialogues, Iamblichus' theurgic writings, and Marsilio Ficino's texts. This alternative history is not a replacement of other narratives of photographic history but rather offers a way of rethinking photography's ontological instability.

The myth of light and progress has blinded us. In our electric world, we are everywhere surrounded by effortlessly glowing lights that simply exist, as they should, seemingly clear and comforting proof that human genius means the present will always be better than the past, and the future better still. At best, this is half the story. At worst, it is a lie. From whale oil to kerosene, from the colonial period to the end of the U.S. Civil War, modern, industrial lights brought wonderful improvements and incredible wealth to some. But for most workers, free and unfree, human and nonhuman, these lights were catastrophes. This book tells their stories. The surprisingly violent struggle to produce, control, and consume the changing means of illumination over the eighteenth and nineteenth centuries transformed slavery, industrial capitalism, and urban families in profound, often hidden ways. Only by taking the lives of whalers and enslaved turpentine makers, match-manufacturing children and coal miners, night-working seamstresses and the streetlamp-lit poor--those American Lucifers--as seriously as those of inventors and businessmen can the full significance of the revolution of artificial light be understood.

This text traces the interplay of forces in the history of light from the 17th century to the 1990s. It provides portraits of many of the scientists whose achievements constituted that history, and of major inventors and artistic and literary figures who c.

Examination of the fundamental nature of light in mankind's history, world, and life.

This is the first comprehensive text on the history of color theories since Halbertsma's book of 1947. Color is discussed in close connection with the evolution of ideas of light and vision. The book has chapters on the ancient Greek ideas of vision and color; on the contributions of Arabic science; on the Scientific Revolution from Kepler to Newton; on the early history of the three-color hypothesis; on the trichromatic theory and defective color vision; and on Goethe's, Schopenhauer's and Hering's theories. New understanding of the structure and functions of the retina and the brain finally results in the modern science of color vision. A History of Color has been written for ophthalmologists,

optometrists and others who are interested in visual science and its history. The book requires no specialized knowledge.

This “superb history” of artificial light traces the evolution of society—“invariably fascinating and often original . . . [it] amply lives up to its title” (Publishers Weekly, starred review). In *Brilliant*, Jane Brox explores humankind’s ever-changing relationship to artificial light, from the stone lamps of the Pleistocene to the LEDs embedded in fabrics of the future. More than a survey of technological development, this sweeping history reveals how artificial light changed our world, and how those social and cultural changes in turn led to the pursuit of more ways of spreading, maintaining, and controlling light. Brox plumbs the class implications of light—who had it, who didn’t—through the centuries when crude lamps and tallow candles constricted waking hours. She identifies the pursuit of whale oil as the first time the need for light thrust us toward an environmental tipping point. Only decades later, gas street lights opened up the evening hours to leisure, which changed the ways we live and sleep and the world’s ecosystems. Edison’s bulbs produced a light that seemed to its users all but divorced from human effort or cost. And yet, as Brox’s informative portrait of our current grid system shows, the cost is ever with us. *Brilliant* is infused with human voices, startling insights, and timely questions about how our future lives will be shaped by light.

In *Empire of Light*, Sidney Perkowitz combines the expertise of a physicist with the vision of an art connoisseur and the skill of an accomplished writer to offer a unique view of the most fundamental feature of the universe: light. *Empire of Light* discusses the nature of light, how the eye sees, and how our understanding of these phenomena have emerged over the ages, including the role of light in the development of quantum physics. The author examines the making of electrical light and its integration into commerce, telecommunications, entertainment, medicine, warfare, and every other aspect of our daily lives. And he presents the role of light in the search for the beginning and the end of the universe, as astronomers with their instruments penetrate ever deeper into the sky. Visible light spans the spectrum between infrared and ultraviolet, but this book reaches across many other spectra as well—from the cave paintings at Lascaux to Mark Rothko’s stark blocks of color in today’s art museums, from Plato’s speculation that the eye sends out rays to Ramon y Cajal’s discovery that vision actually works in the opposite way, from Tycho Brahe’s elegant antetelescope measurements of planet positions to the Hubble telescope’s exquisite sensitivity to light from billions of light years away. What are the biological and neurological processes of perceiving visible light? How does a person typically scan a scene? Do you see red or blue the same way I do? What are our physiological reactions and emotional responses to light? Perkowitz explores these and many other fascinating questions, drawing together the experiences, achievements, and perspectives of a diverse cast of characters, including Galileo, Einstein, Newton, Van Gogh, and Edison. *Empire of Light* is written so that lay readers will readily grasp the scientific principles and science professionals will readily appreciate the human experience. It will impart new wonder to the daily experience of light in our world. Sidney Perkowitz is the Charles Howard Candler Professor of Physics at Emory University. His work has appeared in national publications such as *The Sciences*, *The Washington Post*, *The Los Angeles Times*, *The American Prospect*, and *Technology Review*.

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