

## Works Cited

### Web Specific

*Dark Forest*. Digital image. *The Art Mad Wallpapers*. The Art Mad Wallpapers, n.d. Web. 4 June 2015. <<http://theartmad.com/wp-content/uploads/2015/04/Dark-Forest-7.jpg>>.

This image from *The Art Mad Wallpapers* serves as the background image for the website. It is released under the public domain and used with permission.

### Primary

"A CDC FRAMEWORK FOR PREVENTING INFECTIOUS DISEASES." *Centers for Disease Control and Prevention*. N.p., n.d. Web. 2 June 2015. <<http://www.cdc.gov/oid/docs/ID-Framework.pdf>>.

This primary source going into preparedness tips that focus on outbreaks rather than infrastructure emergencies. They provide tips on how to develop and advance policies to prevent, detect, and control infectious diseases. The document provides the priorities and plans for communities that help contain the disease.

"Acute Communicable Disease Control." *County of Los Angeles Public Health*. County of Los Angeles Department of Public Health, n.d. Web. 25 May 2015. <<http://www.publichealth.lacounty.gov/acd/BioAgents.htm>>.

This document from the Los Angeles Department of Public Health notes the three categories of communicable disease. It also details symptoms of certain diseases in each category as well as characteristics that place each disease in their respective categories.

*Acute Communicable Disease Control Strategic Plan 2014-2018*. Los Angeles: County of Los Angeles Department of Public Health, May 2014. PDF.

This document from the Los Angeles Department of Public Health documents ways in which communicable diseases should be controlled in the case that an outbreak occurs. In addition, it lists five strategies for mitigation and objectives in each category to assist with implementation.

"Alkaline Manganese Dioxide - Handbook and Application Manual." *Energizer Technical Information*. Energizer, 2012. Web. 7 May 2015.  
<[http://data.energizer.com/PDFs/alkaline\\_appman.pdf](http://data.energizer.com/PDFs/alkaline_appman.pdf)>.

This technical document provides research information regarding the chemical reactions involved in Manganese Dioxide batteries made by Energizer. It also details the voltage as shown from testing and common applications suggested by the company.

Billings, Molly. "The 1918 Influenza Pandemic." *Stanford University*. Stanford University, June 1997. Web. 13 May 2015. <<https://virus.stanford.edu/uda/>>.

This web page gives a brief overview of the 1919 Pandemic and then provides primary source letters written by soldiers during the outbreak. The fragments of the letters detail the usage of gauze masks as prevention measures and the hysteria involved during the outbreak.

Dawood, Fatimah S., MD, Danielle A. Luliano, PhD, and Carrie Reed, DSc. "Estimated Global Mortality Associated with the First 12 Months of 2009 Pandemic Influenza A H1N1 Virus Circulation: A Modelling Study." *Www.thelancet.com/*. *Lancet Infect Dis*, 26 June 2012. Web. 15 June 2015. <[http://www.thelancet.com/journals/laninf/article/PIIS1473-3099\(12\)70121-4/abstract](http://www.thelancet.com/journals/laninf/article/PIIS1473-3099(12)70121-4/abstract)>.

This article documents the mortality rates associated with the 2009 H1N1 Pandemic. The death rates were split into specific age groups and regions. The authors urge that targeted prevention measures be made to those vulnerable regions.

*Effective Coordination of Recovery Resources for State, Tribal, Territorial and Local Incidents.*

Washington, D.C.: Agency, 2015. *Federal Emergency Management Agency*. Web. 2 June 2015. <<http://www.fema.gov/media-library-data/1423604728233-1d76a43cabf1209678054c0828bbe8b8/EffectiveCoordinationofRecoveryResourcesGuide020515vFNL.pdf>>.

This primary source provides a checklist and support plan for state, tribal, territorial and local incidents. The source describes how a community's recovery can be achieved through the identification and coordination of recovery resources and engagement of

partners. Not only that, this source provides examples to measures that different states take and how the city council regulates emergency situations.

"NEIGHBORHOOD MEETING FACILITATOR GUIDE." *5 Steps to Neighborhood Preparedness*. N.p., n.d. Web. 2 June 2015. <[http://5steps.la/wp-content/themes/5steps/docs/4\\_5Steps\\_Toolkit\\_Facilitator\\_Guide\\_English.pdf](http://5steps.la/wp-content/themes/5steps/docs/4_5Steps_Toolkit_Facilitator_Guide_English.pdf)>.

This primary source is filled with procedures and advice that would guide people to prepare and act in an emergency situation specifically for Los Angeles. The main steps are broken down into 5 of defining the area, recruiting leaders, scouting the area, building the team, and planning the strategy. In addition to that, the guide provided resources and contact information of agencies that can aid the people of Los Angeles in times of emergencies.

"The Great Pandemic: The United States in 1918-1919." *Flu.gov*. United States Department of Health and Human Services, n.d. Web. 13 May 2015. <<http://www.flu.gov/pandemic/history/1918/>>.

This website from the U.S. Department of Health and Human Services gives an overview of the Great Pandemic of 1919 and its impact on the United States. It also provides primary source documents such as ads, cartoons, charts, photographs, and newspapers from the time that reveal the situation from a more direct perspective.

Hartford, John. California Earthquake. John Hartford. Felton Jarvis, 1968. MP3.

This song by John Hartford describes in his song the scene after a California Earthquake. The music is applicable to the nature of emergency preparedness as the music describes the aftermath of an earthquake.

Heyman, David. *Control of Communicable Diseases*. New York: American Public Health Association, Dec. 2004. PDF.

This book by David Heyman details how to prevent and control over 100 different types of communicable diseases. Each subsection describes how to report the disease, isolate the disease, and prevent the disease from spreading to others.

"Hazard Mitigation Plan." *City of Los Angeles*. N.p., n.d. Web. 2 June 2015.

<[http://emergency.lacity.org/stellent/groups/departments/@emd\\_contributor/documents/contributor\\_web\\_content/lacityp\\_019906.pdf](http://emergency.lacity.org/stellent/groups/departments/@emd_contributor/documents/contributor_web_content/lacityp_019906.pdf)>.

This primary source provides guidelines and priorities that need to be regulated and abided by in the city of Los Angeles. They provide information on how the LHMP Advisory Task Force ties into these critical situations and their interactions with the community. Not only that, this document provides information on the risk ratings for all hazards and vulnerabilities for this city.

"Isolation and Quarantine." UNC School of Government. University of North Carolina, n.d.

Web. 15 May 2015. <<http://www.sog.unc.edu/node/31971>>.

This document shows an example of isolation and quarantine laws in North Carolina. It indicates that states have implemented response measures to lessen the impact of a fast spreading disease. However, such methods are not preferred and should only be used as a last resort.

"Integrated Disease and Response Technical Guidelines 2nd Edition." *Centers for Disease Control and Prevention*. N.p., n.d. Web. 2 June 2015.

<[http://www.cdc.gov/globalhealth/dphswd/idsr/pdf/Technical%20Guidelines/IDSR%20Technical%20Guidelines%202nd%20Edition\\_2010\\_English.pdf](http://www.cdc.gov/globalhealth/dphswd/idsr/pdf/Technical%20Guidelines/IDSR%20Technical%20Guidelines%202nd%20Edition_2010_English.pdf)>.

This primary source defines the steps and actions that different facilities and levels take to approach an epidemic. It goes into detail what they identify, priorities, and the course of actions they take for the surveillance system.

Ketcham, Scott. "'No Lemonade Today, Dad, but How 'bout a Flashlight and Some Tomato Soup?'" Hank Ketcham's Dennis the Menace. N.p., n.d. Web. 26 May 2015.

<<http://dennisthem menace.com/2014/09/30/special-dennis-the-menace-comic-honors-national-preparedness-day/#more-27252>>.

This *Dennis the Menace* special comic strip depicts Dennis selling flashlights, tomato soup and other emergency supplies for National Preparedathon Day on September 30th. Since the point of National Preparedathon Day is to increase emergency preparedness and resilience, it relates to the museums topic.

Kool, Jacob L., and Robert A. Weinstein. "Risk of Person-to-Person Transmission of Pneumonic Plague." *Oxford Journals*. Infectious Diseases Society of America, 10 Nov. 2004. Web. 13 May 2015. <<http://cid.oxfordjournals.org/content/40/8/1166.full>>.

This research article from the *Oxford Journals* indicates the risk of transmission of the pneumonic plague. It explores the possibilities of using the plague as a bioterrorist weapon and transmission rates

"Lithium Iron Disulfide - Handbook and Application Manual. Missouri: Energizer, 2012. PDF." Energizer Technical Information. Energizer, 2012. Web. 7 May 2015. <[http://data.energizer.com/PDFs/lithiuml91192\\_appman.pdf](http://data.energizer.com/PDFs/lithiuml91192_appman.pdf)>.

This technical manual from Energizer details the chemical reactions involved in Energizer's new Lithium Iron Disulfide technology. It also provides voltage, applications, and miscellaneous data from product testing.

"Make A Plan." Ready: Prepare. Plan. Stay Informed. Federal Emergency Management Agency (FEMA), 29 Jan. 2014. Web. 27 May 2015. <<http://www.ready.gov/make-a-plan>>.

This primary source provides information on how to find a safe place, contact loved ones and get back into contact among other important things that must be planned ahead of time. The source also provides a link to an outline to create a "Family Communication Plan for Parents and Kids".

"Measles Cases and Outbreaks." *Centers for Disease Control and Prevention*. Centers for Disease Control and Prevention, 08 May 2015. Web. 14 May 2015.  
<<http://www.cdc.gov/measles/cases-outbreaks.html>>.

This website briefly analyzes measles cases in 2015 and provides maps and graphs to visually quantify the data. It also provides summaries and links to primary source publications detailing measles outbreak cases in the United States from 2013 to 2015.

Nichols, Casey. "Watts Rebellion (August 1965)." BlackPast.org. BlackPast.org, n.d. Web. 7 May 2015.

This source describes the Watts Riots and how racial prejudices and unnecessary police involvement in a minor crime stirred the impoverished African Americans living in the Watts community.

Petty, Tom. *Peace in L.A.* MCA, 1992. MP3.

This song by Tom Petty addresses the Los Angeles riots of 1992. He notes that the people have the power and must keep peace in L.A. by not having a riot and destroying the city itself.

Personal Preparedness in America: Findings from the 2009 Citizen Corps National Survey. Washington: Federal Emergency Management Agency (FEMA), Aug. 2009. PDF.



This report provides a summary of the findings from the 2009 Citizen Corps National Survey and covers a variety of topics such as self-efficacy, household plans, community plans, and reliance through 56 items. These items are in regard to four different types of disasters: natural disasters, a terrorist attack, a hazardous materials accident, and a several disease outbreak.

"Plague in the United States." *Centers for Disease Control and Prevention*. Centers for Disease Control and Prevention, 23 Apr. 2013. Web. 13 May 2015.  
<<http://www.cdc.gov/plague/maps/>>.

This map of the United States created by the Center for Disease Control and Prevention shows all reported cases of human plague in the United States from 1970 to 2012. According to the map, most human cases of plague occur in Northern New Mexico, northern Arizona, southern Colorado, California, southern Oregon, and far western Nevada.

"Product Datasheet - Energizer 522." Energizer Technical Information. Energizer, 2012. Web. 7 May 2015. <<http://data.energizer.com/PDFs/522.pdf>>.

This product datasheet gave discharge curves for the Energizer 522 9v Alkaline battery which was used to determine the rated capacity and the Peukert's constant for this battery.

"Product Datasheet - Energizer E91." Energizer Technical Information. Energizer, 2012. Web. 7 May 2015. <<http://data.energizer.com/PDFs/E91.pdf>>.

This product datasheet gave discharge curves for the Energizer E91 AA Alkaline battery which was used to determine the rated capacity and the Peukert's constant for this battery.

"Product Datasheet - Energizer E92." Energizer Technical Information. Energizer, 2012. Web. 7 May 2015. <<http://data.energizer.com/PDFs/E92.pdf>>.

This product datasheet gave discharge curves for the Energizer E92 AAA Alkaline battery which was used to determine the rated capacity and the Peukert's constant for this battery.

"Product Datasheet - Energizer E93." Energizer Technical Information. Energizer, 2012. Web. 7 May 2015. <<http://data.energizer.com/PDFs/E93.pdf>>.

This product datasheet gave discharge curves for the Energizer E93 C Alkaline battery which was used to determine the rated capacity and the Peukert's constant for this battery.

"Product Datasheet - Energizer E95." Energizer Technical Information. Energizer, 2012. Web. 7 May 2015. <<http://data.energizer.com/PDFs/E95.pdf>>.

This product datasheet gave discharge curves for the Energizer E95 D Alkaline battery which was used to determine the rated capacity and the Peukert's constant for this battery.

"Product Datasheet - Energizer LA522." Energizer Technical Information. Energizer, 2012.

Web. 7 May 2015. <<http://data.energizer.com/PDFs/la522.pdf>>.

This product datasheet gave discharge curves for the Energizer LA522 Advanced Lithium 9v battery which was used to determine the rated capacity and the Peukert's constant for this battery.

Randerson, James. "Measles and MMR: The Essential Guide." *The Guardian*. Guardian News and Media, 25 Apr. 2013. Web. 14 May 2015.

<<http://www.theguardian.com/society/2013/apr/25/measles-mmr-the-essential-guide>>.

James Randerson describes the purpose of measles vaccination (MMR) and the dangers of going without such a vaccine. He also goes into detail on the safety of these vaccines and why they are not a contributor to autism.

"Statistics from the Influenza Pandemic." Statistics from the Influenza Pandemic. N.p., n.d. Web.

07 May 2015.

This site provides statistics for the 1919 Influenza Pandemic including the number dead from the outbreak and the total number infected with the virus. It also provides primary source graphs of the mortality rate and a map of impacted areas in the United States.

"Statistics of Infectious Disease." *Marshfield Clinic*. Marshfield Clinic, 10 Oct. 2014. Web. 14 May 2015.

<<http://marshfield.staywellsolutionsonline.com/Library/DiseasesConditions/Adult/85,P00650>>.

The site gives statistics on different types of infectious disease such as hepatitis A, hepatitis B, HIV, and Syphilis. Each statistic is an estimate from the CDC and is accompanied by other types of data such as the number of new cases per year.

"TELECOMMUNICATIONS INFRASTRUCTURE IN DISASTERS: Preparing Cities for Crisis Communications." *New York University*. N.p., n.d. Web. 2 June 2015.  
<<https://www.nyu.edu/ccpr/pubs/NYU-DisasterCommunications1-Final.pdf>>.

This primary source provides insight on the causes and consequences of communication failures while accompanying them with real life events. Not only that, it provides a breakdown of a recovery plan and how technology can aid in times of emergencies.

Walker, H. K., W. D. Hall, and J. W. Hurst, eds. *Clinical Methods: The History, Physical, and Laboratory Examinations*. 3rd ed. Boston: Butterworths, 1990. Print.

This source provides historical description and detailed analyses of various diseases and statistics as well as the origins of physical examination. It also provides in-depth descriptions surrounding definitions, techniques, basic sciences, and clinical significances of different aspects of the human body systems.

"WHO Report on Global Surveillance of Epidemic-prone Infectious Diseases - Introduction."

*World Health Organization*. World Health Organization, n.d. Web. 13 May 2015.

<<http://www.who.int/csr/resources/publications/introduction/en/index5.html>>.

This document from the World Health Organization details how the rapidly developing technologies are changing the way by which influenza travels. It also describes how natural disasters assist the spread of viruses and how there are positive sides such as the development of vaccines and advanced precautionary measures.

Viseltear, Arthur J. "The Pneumonic Plague Epidemic of 1924 in Los Angeles." *The Yale*

*Journal of Biology and Medicine* 47.1 (1974): 40-54. *Www.ncbi.nlm.nih.gov*. US

National Library of Medicine. Web. 21 May 2015.

<<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2595158/pdf/yjbm00152-0044.pdf>>.

This journal article provides first hand information on how the 1924 pneumonic plague occurred and was handled by Los Angeles health officials by providing first hand accounts of their actions as well as the repercussions.

## Secondary

"Alkaline vs. Lithium Batteries – Compare Lithium to Alkaline." *Alkaline vs. Lithium Batteries –*

*Compare Lithium to Alkaline*. N.p., n.d. Web. 30 May 2015.

<<http://www.medicbatteries.com/alkaline-batteries-vs-lithium-batteries-compare-alkaline-lithium-alkaline-compared-to-lithium>>.

This secondary source compares the batteries between alkaline and lithium in terms of power, voltage, price, weight, and operating temperatures.

"America's Crumbling Infrastructure Will Challenge Emergency Managers For Decades."

*America's Crumbling Infrastructure Will Challenge Emergency Managers For Decades*.

N.p., n.d. Web. 08 May 2015. <<http://www.emergencymgmt.com/safety/Crumbling-Infrastructure-Challenge-Emergency-Managers.html?page=3>>.

This secondary source informs the audience of how a city's infrastructure ties into emergency preparedness. This article describes the consequences that follow an infrastructure's impairment and how the public should handle the situation in an infrastructure crisis. It provides several perspectives and action plans that the public and corporation should abide by.

"Applying a Compression Wrap for a Sprained Ankle." *WebMD*. WebMD, n.d. Web. 02 June 2015.

This article from WebMD details the first aid steps to compression wrap a sprained ankle. It provides a four-step graphic that accompanies detailed step-by-step instructions.

The Association of the British Pharmaceutical Industry. "ABPI - Resources for Schools."

Making Human Insulin. N.p., n.d. Web. 08 May 2015.

This website details the processes of human insulin production. It has informs the audience of the fermentation, harvesting, and sterilization protocols used in industry to ensure that the insulin is pure.

Avant, Tamara. "Examining the Mob Mentality." Interview. South Source. South University, n.d. Web. 7 May 2015.

This source describes the psychological effects of mob mentality on people, specifically that of deindividualization.

Barragan, Bianca. "Seven Scary Facts About Los Angeles's Aging Infrastructure." Curbed LA.

Vox Media, 12 Aug. 2014. Web. 05 May 2015.

<[http://la.curbed.com/archives/2014/08/seven\\_scary\\_facts\\_about\\_los\\_angeless\\_aging\\_infrastructure.php](http://la.curbed.com/archives/2014/08/seven_scary_facts_about_los_angeless_aging_infrastructure.php)>.

This article notes the massive repair cost that Los Angeles has to cover in order to repair its infrastructure. It also notes the deficiencies of infrastructure in Los Angeles and the rate at which such costs exponentially grow.

Berdjis, Noushin. "'Superbug' Outbreak at UCLA Medical Center." *HealthMap*. Boston

Children's Hospital, 27 Feb. 2015. Web. 20 May 2015.

<<http://www.healthmap.org/site/diseasedaily/article/%E2%80%9Csuperbug%E2%80%9D-outbreak-ucla-medical-center-22715>>.

This article describes a superbug recently discovered by UCLA that is found in the colon but resistant to antibiotics. The pathogen has a low likeliness of being transmitted but can be very fatal as no known method of antibacterial treatment can eradicate it.

Bhattacharjee, Ratan. "Riots Trauma Affects Children Most by Dr. Ratan Bhattacharjee." Boloji.

N.p., 1 Sept. 2012. Web. 08 May 2015.

<<http://www.boloji.com/index.cfm?md=Content&sd=Articles&ArticleID=12748>>.

This secondary source provides information on how children are mentally affected by riots. It is found that children are most affected by riots through the violence witnessed and the fear experienced.

Bluejay, Michael. "Your Guide to Disposable Batteries." *Michael Bluejay's Battery Guide*. N.p.,

n.d. Web. 30 May 2015. <<http://michaelbluejay.com/batteries/>>.

This secondary source gives a chart comparing alkaline and lithium batteries. The traits that they compare include shelf-life, expenses, initial voltage, general capacity, self-discharge, and risks.



Brooks, Max. *World War Z*. New York: Broadway Paperbacks, 2007. Print.

This novel contains interviews made by an anonymous interviewer after the “Zombie War.” Each interview focuses on a certain aspect of the “Zombie War” such as the first signs of zombie activity and their first encounters with a zombie. This novel mainly allows one to see the “Zombie War” through the eyes of people from all walks of life.

Chandler, Stephanie. “Five Types of Wounds”. *LIVESTRONG.com*. Demand Media, Inc, 23 Apr 2015. Web. 14 May 2015.

This secondary source describes ways to identify different wounds and their most noticeable characteristics. The article ties in the geometry of wounds into treatment of wounds.

Clancy, Tom. *Executive Orders*. New York: Putnam, 1996. Print.

This novel details a disaster occurring at the heart of the United States. Following the protagonist, Jack Ryan, the story puts Ryan as the new president of America. Throughout the novel, Ryan faces dilemmas and international threats as he attempts to rebuild the nation.

Dayle, Stephanie. "Best Batteries for Emergency Preparedness - American Preppers Network."

American Preppers Network. APN, 28 Jan. 2014. Web. 06 May 2015.

<<http://americanpreppersnetwork.com/2014/01/know-batteries.html>>.

This article by Stephanie Dayle provides five common types of batteries and lists their advantages and disadvantages in emergency situations. In particular, the author focuses on different types of rechargeable secondary cells and their accompanying solar chargers for use during emergency situations.

*Disease and Epidemiology*. Digital image. *Portland Community College*. Portland Community

College, n.d. Web. 30 May 2015.

<[http://spot.pcc.edu/~jvolpe/b/bi234/lec/7\\_disease/lecture\\_7L.htm](http://spot.pcc.edu/~jvolpe/b/bi234/lec/7_disease/lecture_7L.htm)>.

This lecture defines the terms used in epidemiology and the different types of infections possible during an epidemic. It also details the chemistry and biology involved in preventing diseases as well as methods of infection that viruses employ.

"Disneyland Measles Outbreak Hits 59 Cases And Counting." *NPR*. NPR, 22 Jan. 2015. Web. 14

May 2015. <<http://www.npr.org/sections/healthshots/2015/01/22/379072061/disneyland-measles-outbreak-hits-59-cases-and-counting>>.

This article informs readers regarding the measles outbreak that has occurred at Disneyland. The author addresses the vaccine refusals and how they are paving the way

for self-harm. A new California law however has made such vaccine refusals more difficult.

"Deadly Diseases: Epidemics Throughout History." *Cable News Network*. Turner Broadcasting System, Inc, n.d. Web. 10 May 2015.

<<http://www.cnn.com/interactive/2014/10/health/epidemics-through-history/>>.

This site visually presents many different epidemics in human history and gives brief summaries for each. Each epidemic is accompanied by a pertinent primary source painting or photograph drawn/taken during the period.

Deverell, William. "Epidemics of Fear and Mistrust." *Epidemics of Fear and Mistrust*. N.p., 24 Apr. 2003. Web. 08 May 2015.

<<http://www.ph.ucla.edu/epi/bioter/epidemicsoffear.html>>.

This site reveals the social realities and dynamics in an emergency situation such as the bubonic plague of 1924 in Los Angeles. The site also describes how the government attempts to abet the disease, which led to confusion for the public.

Dhar, Michael. "Surviving a Zombie Apocalypse: Just Do the Math." *LiveScience*. TechMedia Network, 30 July 2013. Web. 07 May 2015.

<<http://www.livescience.com/38527-surviving-a-zombie-apocalypse-math.html>>.

This site demonstrates equations and mathematical models to calculating the spread of the infection or disease. This source also describes and relates the importance of a zombie apocalypse to a real life epidemic, while informing readers of the different perspectives that experts have on zombies.

"Disaster Preparation and Recovery." Medline Plus: Trusted Health Information for You. U.S.

National Library of Medicine, 10 June 2014. Web. 08 May 2015.

<<http://www.nlm.nih.gov/medlineplus/disasterpreparationandrecovery.html>>.

This site provides a brief overview about disaster preparation and recovery. With this site, it offered readers a variety of sources from the types of disaster to related and financial issues.

"Ecology and Transmission." Centers for Disease Control and Prevention, 13 June 2012. Web.

15 May 2015. <<http://www.cdc.gov/plague/transmission/>>.

This web page from the Center for Disease Control and Prevention provides an insight on how bacteria such as *Yersinia pestis* gets transmitted. This article describes the different types of transmission and where diseases commonly start to occur.

Eisold, Ken. "Understanding Why People Riot." Psychology Today. Sussex Publishers, 11 Aug.

2011. Web. 29 May 2015.

This source describes the how riots and mobs begin, both as an individual and as a community. This article provides insight into how an individual can be “submerged” into a mob through similar incredibly strong emotions.

Elhadad, Sharon L., M.A., and Dana Elhadad, M.Sc. "The Economic and Social Implications of Epidemics." Record. N.p., 19 Sept. 2014. Web. 08 May 2015.

<<http://www.newsrecord.co/economic-social-implications-epidemics/>>.

This secondary source analyzes the effects of pandemics and outbreaks from the past. It looks at the social and economic aspects of the outbreaks and says that epidemics don't have social boundaries and negatively affect the economy by forcing people to stock up and ration.

Enberger, Daniel. “How Much of Me is Burned?”. *Slate*. The Slate Group, LLC, Jul 2006. Web. 10 May 2016.

<[http://www.slate.com/articles/news\\_and\\_politics/explainer/2006/07/how\\_much\\_of\\_me\\_is\\_burned.html](http://www.slate.com/articles/news_and_politics/explainer/2006/07/how_much_of_me_is_burned.html)>.

This secondary source provides information on how to diagnose burns. It also describes the importance of knowing the surface area of the burn and how to apply that number to the treatment.

"Epidemics, Pandemics, and Outbreaks of Contagious Diseases Like the Flu." *WebMD*.

WebMD, LLC, 23 May 2014. Web. 10 May 2015. <<http://www.webmd.com/cold-and-flu/what-are-epidemics-pandemics-outbreaks>>.

This secondary source explains the difference between epidemics, pandemics, and outbreaks. Not only that, this site offers a severity index and tips on prevention and treatment. Furthermore, it informs the viewers on how to prepare for a pandemic.

Fletcher, Jacqui. "Dressings: Cutting and Application Guide." *World Wide Wounds*. SMTL, May 2007. Web. 14 May 2015.

<<http://www.worldwidewounds.com/2007/may/Fletcher/Fletcher-Dressings-Cutting-Guide.html>>.

This secondary source describes how to alter available materials to fit the needs or the treatment of a wound. Materials, including bandages and slings are shown here.

"Food Storage Overview." *Emergency Preparedness: Food*. N.p., n.d. Web. 07 May 2015.

This survivalist based article provides an overview of different methods of storing food in emergency situations where refrigerators are not available. The author also provides suggestions for the readers to purchase dried and canned goods as substitutes for fresh foods during an emergency.

Garces, Fred. 18.5: Harnessing the Power of Voltaic Cells. San Diego: Miramar College, 12 Apr. 2012. PPTX.

This powerpoint by Fred Garces details the chemical reactions involved in different types batteries such as lead acid, alkaline, mercury, and nickel-cadmium. The overall reaction, voltage of reaction, and advantages and disadvantages are listed for each battery type.

Gibson, C. W. "Peukert's Equation." SmartGauge Electronics - Peukert's Equation. SmartGauge Electronics, 4 Feb. 2008. Web. 06 May 2015.  
<<http://www.smartgauge.co.uk/peukert3.html>>.

This website provides the Peukert's Equation and an explanation on what each variable in the equation represents. It also provides an example calculation to determine the amount of time a battery could last under the given circumstances.

Grabianowski, Ed. "How Riot Control Works." HowStuffWorks. HowStuffWorks, 30 Nov. 2004. Web. 08 May 2015. <<http://people.howstuffworks.com/riot-control.htm>>.

The secondary source provides an introduction to what a riot is and the consequences of it. The philosophy for riots and prevention tips are also included in this article. Furthermore, it points out several examples of riots that have occurred. It goes into detail to how a riot functions and the technology used to appease a riot.

Grad, Shelby. "How Much Has L.A. Really Changed since the 1992 Riots?" Los Angeles Times.

Los Angeles Times, 29 Apr. 2015. Web. 08 May 2015.

<<http://www.latimes.com/local/lanow/la-me-ln-los-angeles-changed-1992-riots-20150429-htmlstory.html>>.

This article from the Los Angeles Times traces the changes that occurred to L.A. since the riots of 1992. The author traces the progression of fear of more riots in 1993 to complacency in 2012.

Harris, Tom. "How Fire Works." HowStuffWorks. InfoSpace LLC, 14 May 2002. Web. 08 May

2015. <<http://science.howstuffworks.com/environmental/earth/geophysics/fire1.htm>>.

This article explains the chemical process and reaction involved in fire created using wood. It also describes the self-perpetuating nature of flames and provides definition for fire-related terminology.

History.com Staff. "Riots Erupt in Los Angeles." History.com. A+E Networks, 2010. Web. 7

May 2015.

This source describes what caused the Los Angeles Riots of 1992 and some brief specifics of the riot itself, such as where it started and how long the riot persisted.

"How Spinach Can Boost Efficiency of Biohybrid Solar Cells." Energy Informative. N.p., 08

Oct. 2013. Web. 08 May 2015.



This article shows how researchers at the Vanderbilt University were able to use a protein found in spinach to create solar cells with silicon to produce more power than normal solar cells.

"How to Set a Broken Bone in an Emergency." / *The ReadyBlog*. N.p., n.d. Web. 02 June 2015.

This article from ReadyBlog first defines what a fracture is and then details the equipment and skills necessary to set the bone back into its correct location. Secondly, the article also shows how one should deal with dislocation of a joint.

"Infectious Disease." *Centers for Disease Control and Prevention*. Centers for Disease Control and Prevention, 18 Feb. 2015. Web. 14 May 2015.

<<http://www.cdc.gov/nchs/fastats/infectious-disease.htm>>.

This statistics sheet from the Centers of Disease Control and Prevention provides a quick insight of the morbidity rates of several diseases and cases from the year of 2012. From there, it also attaches several contact information for physician offices and sources that would come in use in times of an emergency.

"Infectious Diseases." *Mayo Clinic*. Mayo Foundation for Medical Education and Research, 23 July 2014. Web. 10 May 2015. <<http://www.mayoclinic.org/diseases-conditions/infectiousdiseases/basics/definition/con-20033534>>.

This article from the Mayo Clinic defines infectious diseases and notes possible ways that such infectious diseases can be passed on from one organism to another through contamination or transmission via insects and other animals. In addition, the article notes that some infectious disease can be prevented through the usage of vaccines.

Ingraham, Christopher. "California's epidemic of vaccine denial, mapped". The Washington Post. Washington Post. 27 Jan 2015. Web. 07 May 2015.

<<http://www.washingtonpost.com/blogs/wonkblog/wp/2015/01/27/californias-epidemic-of-vaccine-denial-mapped/>>.

This article focuses on the Disneyland measles issue by supplying several charts indicating the areas of anti-vaccinations with reasoning behind these graphs of why certain age groups are most likely not vaccinated. From there, it describes the spread of anti-vax sentiment in California and the increased percentage of vaccination exemptions.

"Ice Baths: Recovery Aid or Inhibitor? - Lift Big Eat Big." *Lift Big Eat Big*. N.p., 01 Sept. 2011. Web. 02 June 2015.

This article debunks the myth that ice baths are a way to recover after intense exercise. However, it does concede that such baths allow for a perceived relief but should not be used as a replacement for active recovery.

"Introduction to Crisis, Disaster, and Risk Management Concepts." *F. Federal Emergency Management Agency*, n.d. Web. 6 May 2015.

<<https://training.fema.gov/hiedu/docs/chapter%201%20-%20intro%20to%20crisis,%20disaster%20and%20risk%20mgmt%20concepts.doc>>.

This chapter from the Federal Emergency Management Agency handbook details what the philosophies and principles behind disaster management are. It then goes through the progression of such management by analyzing historical events that have caused major changes in risk management.

Jones, Chris. "The Peukert Effect." Peukert Effect. 39pw, 11 Mar. 09. Web. 06 May 2015.

<<http://www.39pw.us/car/peukertEffect.html>>.

In this web page, Chris Jones describes the Peukert Effect why this principle must be taken into consideration when designing a vehicle. More importantly, he provides a detailed chart of Peukert's exponents and amp-hour ratings for multiple lead acid car batteries from his tests.

Kallewaard, Hannah, Leah Kuritzky, and Carol Tsai. "How Do Dry Chemical Heatpacks Work?"

UCSB Science Line. UCSB School-University Partnerships. Web. 15 May 2015.

<<http://scienceline.ucsb.edu/getkey.php?key=1967>>.

Kallewaard explains how heat or chill is generated by chemical reactions in the disposable packages sold in stores.

Khan, Amina. "Preparing for a Zombie Apocalypse? The CDC Weighs in." *Los Angeles Times*.

Los Angeles Times, 19 May 2011. Web. 21 May 2015.

<<http://articles.latimes.com/2011/may/19/news/la-heb-cdc-zombie-apocalypse-2011051>>.

Amina Khan writes in this article that preparing for a metaphorical “Zombie Apocalypse” may be a good way to kickstart family planning for emergency meeting. She also notes that preparation for a zombie apocalypse is analogous to that of an earthquake or epidemic.

"Los Angeles, California." American Influenza Epidemic of 1918-1919: A Digital Encyclopedia.

University of Michigan Center for the History of Medicine, n.d. Web. 21 June 2015.

<<http://www.influenzaarchive.org/cities/city-losangeles.html#>>.

This secondary source cites firsthand accounts on the Los Angeles influenza epidemic in 1918-1919 and speaks of how health officials handled it, the response of the public, and the difficulties faced during the epidemic. The entry also provides an unbiased summary of the events and input from the encyclopedia authors.

"Los Angeles Quarantine Station." Centers for Disease Control and Prevention. Centers for

Disease Control and Prevention, 22 Dec. 2014. Web. 08 May 2015.

<<http://www.cdc.gov/quarantine/stations/los-angeles.html>>.

This page from the CDC website has information about the duties the quarantine stations, from Los Angeles have to do. It also has statistics about airports that have are popular.

"Making Human Insulin." ABPI Bringing Medicines to Life- Resources for Schools. The

Association of the British Pharmaceutical Industry, n.d. Web. 08 May 2015.

<[http://www.abpischools.org.uk/page/modules/diabetes/diabetes6.cfm?coSiteNavigation\\_allTopic=1](http://www.abpischools.org.uk/page/modules/diabetes/diabetes6.cfm?coSiteNavigation_allTopic=1)>.

This source provides an animated demonstration of how human insulin is genetically engineered through biotechnology. It also provides a short history of how human insulin was first produced and started.

Minehan. Electrochemistry II: Cell Voltage and Gibbs Free Energy. Los Angeles: California State University Northridge, 2014. PDF.

This lecture by Minehan describes gibbs free energy and the amount of energy released per mole of reaction using coulomb's law. It also shows a sample problem involving a simple alkaline battery reaction at 1.35 volts.

Morag, Nadav. "The Ripple Effects of Pandemics on Modern Society." Colorado Technical University. Colorado Technical University, 28 Nov. 2012. Web. 05 May 2015.

This source describes how pandemics affect how people would interact socially by describing three pandemics and their effects on society.

"Origin of the Spanish Influenza." *New Zealand Disasters*. Weebly, n.d. Web. 13 May 2015.

<<http://simran-spanish-influenza.weebly.com/origin-of-the-spanish-influenza.html>>.

This website traces the origins of the 1918-1919 Spanish Influenza and provides a map of the transmission route the virus took. It also briefly summarizes the characteristics of the virus and notes the response of New Zealand to the outbreak.

Osterholm, Michael T. "Preparing for the Next Pandemic." *Foreign Affairs* 84.4 (2005):

24.<[http://www.nyu.edu/intercep/lapietra/Osterholm\\_PreparingforPandemic.pdf](http://www.nyu.edu/intercep/lapietra/Osterholm_PreparingforPandemic.pdf)>.

This research article by Michael Osterholm describes how to prepare for an impending epidemic by first analyzing why other epidemics in the past got out of hand. He then proposes ways to combat outbreaks by implementing different prevention courses.

"Preparation & Planning." Emergency Preparedness and Response. Office of Public Health

Preparedness and Response (OPHPR), 28 Apr. 2015. Web. 05 May 2015.

<<http://emergency.cdc.gov/planning/index.asp>>.

This website from the CDC tells readers how to prepare for specific types of emergencies such as bioterrorism, chemical emergencies, and epidemic emergencies. In addition, various research documents are provided to supplement state preparedness, local preparedness, and hospital preparedness.

"Project: Battery Showdown." Battery Showdown — The Best AA Battery You Can Buy? — High Drain Test. BitBox, 2012. Web. 06 May 2015.

<<http://www.batteryshowdown.com/results-hi.html>>.

This site has graphs detailing different battery brands under different testing conditions.

The author then provides an analysis of different brands of OEM batteries and the notable disappointments of certain brands and types of batteries.

Quarantine and Isolation." *Centers for Disease Control and Prevention*. Centers for Disease Control and Prevention, 20 Mar. 2015. Web. 10 May 2015.

<<http://www.cdc.gov/quarantine/>>.

This web page from the CDC defines the difference between quarantine and isolation and provides different fragments of documents to illustrate what occurs during one situation or the other. It also details travel restrictions and intervention activities when a quarantine/isolation is active.

Rasmussen, Cecilia. "In 1924 Los Angeles, a Scourge From the Middle Ages."

Articles.latimes.com. Los Angeles Times, 05 Mar. 2006. Web. 21 May 2015.

<<http://articles.latimes.com/2006/mar/05/local/me-then5>>.

This article describes an outbreak of pneumonia via a dead rat that killed multiple people in the family who had direct contact with it. Health officials were seen to respond with a

strict quarantine of the area but could not assist the infected because the curing serum was not available in Los Angeles.

Romero, Dennis. "L.A. Is a Top-10 World City for Natural Disasters." *L.A. Weekly*. L.A. Weekly, 02 Apr. 2014. Web. 21 May 2015. <<http://www.laweekly.com/news/la-is-a-top-10-world-city-for-natural-disasters-4557580>>.

This article uses research data to conclude that Los Angeles is a dangerous city as natural disasters are prone to strike the area. The dense population of the city translates to more people impacted per square mile.

Roth, David Z., and Bonnie Henry. "Social Distancing as a Pandemic Influenza Prevention Measure." National Collaborating Centre for Infectious Diseases. Public Health Agency of Canada, July 2011. Web. 7 May 2015.

This guide describes how to prevent a pandemic from spreading using social distancing, a measure taken to reduce contact between susceptible and infected individuals. This was created during the H1N1 and viewed school closures and travel restrictions as beneficial methods to prevent the influenza from spreading.

Shaw, Rod. "Emergency Treatment of Drinking Water at Point-of-use." Water Sanitation Health. World Health Organization, 1999. Web. 15 May 2015. <[http://www.who.int/water\\_sanitation\\_health/hygiene/envsan/tn05/en/](http://www.who.int/water_sanitation_health/hygiene/envsan/tn05/en/)>.



Shaw explains the various methods used for purifying water from natural sources such as straining and aeration. He also provides graphics for each process.

Smith, Robert J. *Mathematical Modelling of Zombies*. Ottawa: U of Ottawa, 2014. Print.

Robert Smith performs an advanced diffusion modeling of zombie. He shows that it is possible to model zombies mathematically by taking into account infection rates, kill rates, and distancing.

"Social Media's Role in Disaster Response Expands." *Social Media's Role in Disaster Response Expands*. N.p., n.d. Web. 08 May 2015.

<<http://www.emergencymgmt.com/disaster/Social-Medias-Role-Disaster-Response-Expands.html>>.

This secondary source informs the audience on how social media can affect the residents in a positive way during a crisis. The document provides different examples of how certain countries used social media to overcome a situation. Lastly, it also provides tips on how to fully utilize social media for emergency preparedness.

Tehune, Chad. "Superbug linked to 2 deaths at UCLA hospital; 179 potentially exposed." *Los Angeles Times*. 18 Feb 2015. Web. 07 May 2015. <<http://www.latimes.com/business/la-fi-hospital-infections-20150218-story.html#page=1>>.

This article analyzes the CRE - a drug and antibiotic resistant superbug and how it is spread through endoscopy. While invasive, some endoscope designs make them difficult to clean and thus results in transmissions of possible disease such as the CRE from patient to patient.

United States. Institute of Medicine. *Vulnerable Infrastructure and Waterborne Disease Risk*. Washington D.C.: National Academies, 2009. National Center for Biotechnology Information. U.S. National Library of Medicine. Web. 08 May 2015. <<http://www.ncbi.nlm.nih.gov/books/NBK28462/>>.

This online book introduces the connections between water, sanitation, and health. From this book, it offers information on outbreaks and vulnerabilities caused by water-related diseases in both industrialized and developing countries. In addition, it supplies tips on reducing the risk of contracting water-related diseases.

Wolf, Steven E., MD. "Burns". *Merck Manual*. Merck Sharp & Dohme Corp, April 2013. Web. 14 May 2015. <<http://www.worldwidewounds.com/2007/may/Fletcher/Fletcher-Dressings-Cutting-Guide.html>>.

This secondary source has an in-depth description on how to treat burns. Within the manual is a description of the "rule of nines", a method for analyzing burns.

World Health Organization. Water, Engineering and Development Centre. Water Sanitation Health. By Sam Kayaga. World Health Organization, 1 July 2005. Web. 7 May 2015. <[http://www.who.int/water\\_sanitation\\_health/hygiene/envsan/t05/en/](http://www.who.int/water_sanitation_health/hygiene/envsan/t05/en/)>.

This article describes several techniques to safely store and drink water during an emergency. It goes in detail about straining, aeration, storage, filtration, disinfection, and several types of filters. It informs the reader a variety of options that a person can perform in order to safely consume and store water.