References

Airborne

- (2017). Nucleic acid detection with CRISPR-Cas13a/C2c2. Retrieved April 23, 2017, from Division of Infectious Disease. (n.d.). Retrieved April 19, 2017, from http://www.maine.gov/dhhs/mecdc/infectious-disease/epi/airborne/
- Center of Disease Control. (2015, July 22). Ebola (Ebola Virus Disease). Retrieved May 11, 2017, from https://www.cdc.gov/vhf/ebola/transmission/
- Executive summary. (n.d.). Retrieved April 17, 2017, from

 http://www.who.int/whr/1996/media_centre/executive_summary1/en/index7.htmlGlynn, M. K., & Lynn, T. V. (2008). Brucellosis. *Journal of the American Veterinary Medical Association*, 233(6), 900-908. doi:10.2460/javma.233.6.900
- Gootenberg, J. S., Abudayyeh, O. O., Lee, J. W., Essletzbichler, P., Dy, A. J., Joung, J., . . . Zhang, F. https://www.city-data.com/us-cities/The-West/Los-Angeles-Geography-and-Climate.html
 https://www.ncbi.nlm.nih.gov/pubmed/28408723
- Los Angeles: Geography and Climate. (n.d.). Retrieved April 17, 2017, from
- Pietrangelo, A. (2016, December 15). What Are Airborne Diseases? Retrieved April 28, 2017, from http://www.healthline.com/health/airborne-diseases
- Ventilation and airborne diseases. (n.d.). Retrieved April 19, 2017, from http://www.who.int/sustainable-development/health-sector/health-risks/airborne-diseases/en/
- Zhang, F. (n.d.). Nucleic acid detection with CRISPR-Cas13a/C2c2. Retrieved April 17, 2017, from https://www.ncbi.nlm.nih.gov/pubmed/28408723

Animal-borne

- Buhnerkempe, M. G., Tildesley, M. J., Lindström, T., Grear, D. A., Portacci, K., Miller, R. S., . . . Webb, C. T. (2014). The Impact of Movements and Animal Density on Continental Scale Cattle Disease Outbreaks in the United States. *PLoS ONE*, *9*(3). doi:10.1371/journal.pone.0091724

 Evaluated the significance and importance of animal-borne disease outbreaks in the United States.
- First Global Estimates of 2009 H1N1 Pandemic Mortality Released by CDC-Led Collaboration. (2012, June 25). Retrieved April 19, 2017, from https://www.cdc.gov/flu/spotlights/pandemic-global-estimates.htm
- Glynn, M. K., & Lynn, T. V. (2008). Brucellosis. *Journal of the American Veterinary Medical Association*, 233(6), 900-908. doi:10.2460/javma.233.6.900

 Provided a thorough description of Brucellosis, a common zoonotic disease, and how its effects have been reduced due to medical advancements.
- Gootenberg, J. S., Abudayyeh, O. O., Lee, J. W., Essletzbichler, P., Dy, A. J., Joung, J., . . . Gundi, V. A., Billeter, S. A., Rood, M. P., & Kosoy, M. Y. (2012). Bartonella spp. in Rats and Zoonoses, Los Angeles, California, USA. *Emerg Infect Dis.*, *18*(4), 631-633. doi:10.3201/eid1804.110816

 Described a study where 200 rats were taken from downtown Los Angeles and tested for Bartonella.

http://eol.org/pages/26936/details

Insect and Animal-Borne Diseases. (n.d.). Retrieved April 19, 2017, from

http://www.allencountyhealth.com/get-informed/diseases-and-conditions/insect-and-animal-borne-d
iseases/

- Los Angeles Department of Public Health. (n.d.). Vector-borne and Zoonotic Diseases. Retrieved April 28, 2017, from http://publichealth.lacounty.gov/acd/Vector.htm
- Los Angeles Department of Public Health. (n.d.). Vector-borne and Zoonotic Diseases. Retrieved April 28, 2017, from http://publichealth.lacounty.gov/acd/Vector.htm
 Database of catalogued information from recent years describing cases of vector-borne and zoonotic diseases in Los Angeles.
- Mcdaniel, C. J., Cardwell, D. M., Moeller, R. B., & Gray, G. C. (2014). Humans and Cattle: A Review of Bovine Zoonoses. *Vector-Borne and Zoonotic Diseases*, *14*(1), 1-19. doi:10.1089/vbz.2012.1164
- Mosquito Aedes Details. (n.d.). Retrieved April 26, 2017, from
- Mosquito Magnet. (n.d.). The Economic Cost of Mosquito-Borne Diseases. Retrieved April 28, 2017, from http://www.mosquitomagnet.com/articles/the-economic-cost-of-mosquito-borne-diseases
- Mosquito Magnet. (n.d.). The Economic Cost of Mosquito-Borne Diseases. Retrieved April 28, 2017, from http://www.mosquitomagnet.com/articles/the-economic-cost-of-mosquito-borne-diseases
 Stated the cost of various mosquito-borne diseases.
- Origin of 2009 H1N1 Flu (Swine Flu): Questions and Answers. (n.d.). Retrieved April 19, 2017, from https://www.cdc.gov/h1n1flu/information.h1n1_virus_qa.htm
- Rabies Spotlight Emerging Infectious Disease journal CDC. (2017, January 20). Retrieved April 19, 2017, from https://wwwnc.cdc.gov/eid/page/world-rabies-day

STDs

- Burg, G. (2012). History of sexually transmitted infections (STI). *Giornale italiano di dermatologia e venereologia: organo ufficiale, Societa italiana di dermatologia e sifilografia*, *147*(4), 329.

 Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/23007208
- Carael, M. (1995). Sexual behaviour. Retrieved from http://www.popline.org/node/296672
- Chen, J. L., Kodagoda, D., Lawrence, A. M., & Kerndt, P. R. (2002). Rapid public health interventions in response to an outbreak of syphilis in Los Angeles. *Sexually Transmitted Diseases*, *29*(5), 277-284.

 Retrieved from

 http://journals.lww.com/stdjournal/Abstract/2002/05000/Rapid_Public_Health_Interventions_in_Response_to.5.aspx
- Chesson, H. (2016, September). The Expected Lifetime Cost of Chlamydia and Gonorrhea per Infant Born in the United States. In *2016 National STD Prevention Conference*. CDC. Retrieved from https://cdc.confex.com/cdc/std2016/webprogram/Paper37697.html
- Hanna, D. B., Felsen, U. R., Ginsberg, M. S., Zingman, B. S., Beil, R. S., Futterman, D. C., ... & Anastos,
 K. (2016). Increased antiretroviral therapy use and virologic suppression in the Bronx in the context of multiple HIV prevention strategies. *AIDS research and human retroviruses*, 32(10-11), 955-963.
 Retrieved from http://online.liebertpub.com/doi/abs/10.1089/aid.2015.0345
- Irvine, J. M. (2004). *Talk about sex: The battles over sex education in the United States*. Univ of California Press. Retrieved from http://www.ucpress.edu/book.php?isbn=9780520243293
- Kirby, D. B., Laris, B. A., & Rolleri, L. A. (2007). Sex and HIV education programs: their impact on sexual behaviors of young people throughout the world. *Journal of Adolescent Health*, 40(3), 206-217. Retrieved from http://www.sidastudi.org/resources/inmagic-img/dd2891.pdf

- Landovitz, R. J., Tseng, C. H., Weissman, M., Haymer, M., Mendenhall, B., Rogers, K., ... & Shoptaw, S. (2013). Epidemiology, sexual risk behavior, and HIV prevention practices of men who have sex with men using GRINDR in Los Angeles, California. *Journal of Urban Health*, *90*(4), 729-739.

 Received from https://link.springer.com/article/10.1007/s11524-012-9766-7.
- Lashof-Sullivan, M. (2015). Sex Education in Schools. *Geo. J. Gender & L.*, *16*, 263. Retrieved from https://sites.psu.edu/aspsy/2016/11/07/sex-education/
- Leichliter, J. S., Haderxhanaj, L. T., Chesson, H. W., & Aral, S. O. (2013). Temporal trends in sexual behavior among men who have sex with men in the United States, 2002 to 2006–2010. *JAIDS Journal of Acquired Immune Deficiency Syndromes*, 63(2), 254-258. Retrieved from http://journals.lww.com/jaids/Abstract/2013/06010/Temporal_Trends_in_Sexual_Behavior_Among_Men_Who.20.aspx
- Mandal, M. D. (2013, November 17). History of Sexually Transmitted Disease. Retrieved April 19, 2017, from http://www.news-medical.net/health/History-of-Sexually-Transmitted-Disease.aspx
- Table 1. Sexually Transmitted Diseases Reported Cases and Rates of Reported Cases per 100,000 Population, United States, 1941–2015. (2016, September 28). Retrieved April 19, 2017, from https://www.cdc.gov/std/stats15/tables/1.htm
- Understanding Sexually Transmitted Diseases (STDs). (n.d.). Retrieved April 19, 2017, from http://www.webmd.com/sex-relationships/understanding-stds-basics

Syphilis

- 2015 Sexually Transmitted Diseases Surveillance. (2016, October 18). Retrieved April 19, 2017, from https://www.cdc.gov/std/stats15/syphilis.htm
- Aynalem, G., Bernstein, K. T., Bolan, G., Chew Ng, R. A., Klausner, J. D., Lo, T., & Samuel, M. C. (2013). Sex, Drugs (Methamphetamines), and the Internet: Increasing Syphilis Among Men Who Have Sex With Men in California, 2004-2008. *American Journal Of Public Health*, 103(8), 1450-1456. doi:10.2105/AJPH.2012.300808 Retrieved from http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=88956143&site=ehost-live
- Danielsson, D. (1990). Gonorrhoea and syphilis in Sweden--past and present. *Scandinavian journal of infectious diseases*. *Supplementum*, 69, 69.
- Eliminating Syphilis Los Angeles County, CALIFORNIA. (n.d.). Retrieved April 20, 2017, from https://www.cdc.gov/stopsyphilis/factPDF/losangeles.pdf.
- Figure 32. Primary and Secondary Syphilis Rates of Reported Cases by Sex and Male-to-Female Rate Ratios, United States, 1990–2015. (2016, October 18). Retrieved April 19, 2017, from https://www.cdc.gov/std/stats15/figures/32.htm
- National Institute of Allergy and Infectious Diseases. Khazan, Olga & Berman, Russell

 (2016, June 28). How Syphilis Came Roaring Back. Retrieved from

 https://www.theatlantic.com/health/archive/2016/06/how-syphilis-came-roaring-back/488375/
- Syphilis. (n.d.). Retrieved April 18, 2017, from http://www.webmd.com/sexual-conditions/guide/syphilis Syphilis. (n.d.). Retrieved April 20, 2017, from
- Syphilis-CDC Fact Sheet. (n.d.). Retrieved from https://www.cdc.gov/std/syphilis/stdfact-syphilis.htm
 Syphilis Symptoms and Causes. (n.d.). Retrieved from

www.mayoclinic.org/diseases-conditions/syphilis/symptoms-causes/dxc-20234443

Measles

- Advances in Global Measles Control and Elimination ... (n.d.). Retrieved April 16, 2017, from https://www.cdc.gov/mmwr/preview/mmwrhtml/00053985.htm
- Haelle, T. (2015, February 12). Measles Outbreak in Dollars and Cents: It Costs Taxpayers

 Bigtime. Retrieved April 16, 2017, from

 https://www.forbes.com/sites/tarahaelle/2015/02/11/measles-outbreak-in-dollars-and-cents-it-costs-taxpayers-bigt-ime/#58d959113f63
- Higuera, V. (2016, July 21). Measles. Retrieved April 24, 2017, from http://www.healthline.com/health/measles#diagnosis5
- Latest measles outbreak highlights a growing problem in California. (n.d.). Retrieved April 19,

 2017, from

 http://www.latimes.com/lo cal/california/la-me-aa2-snapshot-measles-whooping-cough-20

 150108-story.html
- Lin, L., & Richardson, C. D. (2016, September). The Host Cell Receptors for Measles Virus and Their Interaction with the Viral Hemagglutinin (H) Protein. Retrieved May 19, 2017, from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5035964/
- Measles. (2017, March). Retrieved April 20, 2017, from http://www.who.int/mediacentre/factsheets/fs286/en/
- Measles. (n.d.). Retrieved April 20, 2017, from https://www.cdph.ca.gov/HEALTHINFO/DISCOND/Pages/Measles.aspx California Department of Public Health
- Measles, Mumps, and Rubella. (2016, April 19). Retrieved April 19, 2017, from https://www.cdc.gov/nchs/fastats/measles.htm

Measles and Mumps Tests. (2015, October 30). Retrieved April 24, 2017, from https://labtestsonline.org/understanding/analytes/measles/tab/test/

Measles Becomes a Medical, Scientific, Political Issue in US. (2015, February 08). Retrieved April 16, 2017, from

http://learningenglish.voanews.com/a/measles-becomes-medical-scientific-and-political-issue/2632409.html

Measles Cases and Outbreaks. (2017, April 06). Retrieved April 17, 2017, from https://www.cdc.gov/measles/cases-outbreaks.html

Measles History. (2014, November 03). Retrieved April 19, 2017, from https://www.cdc.gov/measles/about/history.html

Measles (Rubeola). (2017, March 03). Retrieved May 17, 2017, from https://www.cdc.gov/measles/about/faqs.html

Maron, D. F. (2015, February 04). Spreading Measles Outbreak Also Takes Heavy Economic Toll.

Retrieved May 17, 2017, from

https://www.scientificamerican.com/article/spreading-measles-outbreak-also-takes-heavy-economic-toll/

Measles Outbreak — California, December 2014–February 2015. (2015, February 20).

Retrieved April 17, 2017, from

https://www.cdc.gov/mmwr/preview/mmwrhtml/mm6406a5.htm

Measles Rubella Current Affairs - Current Affairs Today. (n.d.). Retrieved April 16, 2017, from http://currentaffairs.gktoday.in/tags/measles-rubella.

Measles (Rubeola). (n.d.). Retrieved April 24, 2017, from

http://www.humanillnesses.com/Infectious-Diseases-He-My/Measles-Rubeola.html

- Modeling the Interplay Between Human Behavior and the Spread of Infectious Diseases. (n.d.). Retrieved May 11, 2017, from http://www.springer.com/us/book/9781461454731
- Nordqvist, C. (n.d.). Measles: Cause, Symptoms, and Treatments. Retrieved April 19, 2017, from http://www.medicalnewstoday.com/articles/37135.php
- Researchers develop a new drug to combat the measles ... (n.d.). Retrieved April 16, 2017, from http://www.technology.org/2014/04/18/researchers-develop-new-drug-combat-measles/
- Shultz, D. (2016, February 03). What does measles actually do? Retrieved April 24, 2017, from http://www.sciencemag.org/news/2015/01/what-does-measles-actually-do
- Smith, K. N. (2015, May 07). Measles Weakens the Immune System for Years. Retrieved April 24, 2017, from
 - http://blogs.discovermagazine.com/d-brief/2015/05/07/measles-immune-system/#.WOfzPLgrLrc
- Sparrow, A. (2015). The Truth about the Measles. *Nation*, *300*(12), 21-24. Retrieved from http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=101377733&site=ehost-live
- Themes, U. (2017, February 19). 9 Influenza, Parainfluenza, Respiratory Syncytial Virus, Adenovirus, and Other Respiratory Viruses. Retrieved May 19, 2017, from https://basicmedicalkey.com/9-influenza-parainfluenza-respiratory-syncytial-virus-adenovirus-and-other-respiratory-viruses/
- Transmission of Measles. (2015, March 31). Retrieved April 19, 2017, from https://www.cdc.gov/measles/about/transmission.html
- US loses \$11K per measles case: Expert CNBC. (n.d.). Retrieved April 16, 2017, from http://www.cnbc.com/2015/02/03/us-loses-11k-per-measles-case-expert.html

- Vora, A., Burke, D., & Cummings, D. (2008, May). The impact of a physical geographic barrier on the dynamics of measles. Retrieved April 16, 2017, from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2870857/
- Watanabea, S., Ohnoa, S., Shiroganea, Y., Suzukib, S. O., & And, R. K. (2015, March 01). Measles Virus Mutants Possessing the Fusion Protein with Enhanced Fusion Activity Spread Effectively in Neuronal Cells, but Not in Other Cells, without Causing Strong Cytopathology. Retrieved May 12, 2017, from http://jvi.asm.org/content/89/5/2710.full

Zika

- Al-Abdely, H. M. (2016). Zika. An emerging teratogenic virus. *Saudi Medical Journal*, 37(8), 831-833. doi:10.15537/smj.2016.8.15676
- Bates, C. (2016, January 28). Would it be wrong to eradicate mosquitoes? Retrieved April 26, 2017, from http://www.bbc.com/news/magazine-35408835#
- Balogun, O. O., Chibueze, E. C., da Silva Lopes, Oladapo, O. T. K., Tirado, V., Toshiyuki, S., & Yo, T., (2017). Zika virus infection in pregnancy: a systematic review of disease course and complications. *Reproductive Health*, *14*1-14. doi:10.1186/s12978-017-0285-6 Retrieved from http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=121526134&site=ehost-live
- Grover, N. (2016, December 21). Inovio Zika vaccine evokes robust response in early human study. Retrieved April 26, 2017, from http://www.reuters.com/article/us-inovio-pharma-zika-idUSKBN14A1DB
- Hamel, R., Dejarnac, O., Wichit, S., Ekchariyawat, P., Neyret, A., Luplertlop, N.,Misse, D. (2015).
 Biology of Zika Virus Infection in Human Skin cells. *Journal of Virology*, 89(17), 8880-8896.
 Retrieved from http://jvi.asm.org/content/89/17/8880.abstract

Johansson, M. A., Ph.D, Mier-y-Teran-Romero, L., Ph.D, Reefhuis, J., Ph.D, Gilboa, S. M.,

- Ph.D, & Hills, S. L., M.S., B.S. (2016). Zika and the Risk of Microcephaly. *New England Journal of Medicine*, 375(5), 498-498. doi:10.1056/nejmx160025
- Kansas State University. (2016, September 29). Advances toward potential Zika virus vaccine development. *ScienceDaily*. Retrieved May 19, 2017 from www.sciencedaily.com
- Kim, Young So, Zhao, J., Liu, X., Fraser, K., Lin, L., Zhang, X.,...Linhardt, R. J. (2017, February 2).
 Interaction of ZIka Virus Envelope Protein with Glycosaminoglycans. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/28151637
- Kodjak, A. (2016, September 28). Congress Ends Spat, Agrees To Fund \$1.1 Billion To
 Combat Zika. Retrieved April 26, 2017, from
 http://www.npr.org/sections/health-shots/2016/09/28/495806979/congress-ends-spat-over-zika-fu
 nding-approves-1-1-billion
- Lei, J., Hansen, G., Nitsche, C., Klein, C.D., Chang, L., & Hilgenfeld, R. (2016, July 7). Crystal structure of Zika virus NS2B-NS3 protease in complex with a boronate inhibitor. Retrieved from http://www.bsbc.biochem.uni-luebeck.de/public/publications/science.aag2419.full.pdf
- Mosquito Aedes Details. (n.d.). Retrieved April 26, 2017, from http://eol.org/pages/26936/details
- Porter, M. (2016, April 27). NASA Helps Forecast Zika Risk. Retrieved April 25, 2017, from https://www.nasa.gov/centers/marshall/news/news/releases/2016/nasa-helps-forecast-zika-risk.html

This is a source that talks about NASA tracking the spread of ZIKA.

Sagonowsky, E. (2016, June 21). Inovio set for first Zika vaccine human trial. Retrieved April 12, 2017, from

http://www.fiercepharma.com/vaccines/inovio-set-for-first-zika-vaccine-human-trial

Sisson, P. (2017, March 28). First local child born with defect caused by Zika virus. Retrieved April 20, 2017, from http://www.sandiegouniontribune.com/news/health/sd-me-zika-birth -20170328-story.html

The Observatory. Zika. (2016). MLO: Medical Laboratory Observer, 48(10), 10-11.

The history of Zika virus. (n.d.). Retrieved April 19, 2017, from http://www.who.int/emergencies/zika-virus/timeline/en/

Zika Virus. (2017, April 16). Retrieved April 19, 2017, from https://www.cdc.gov/zika/geo/united-states.html

Zika Virus. (2017, April 06). Retrieved April 12, 2017, from https://www.cdc.gov/zika/index.html

Zika virus. (n.d.). Retrieved April 12, 2017, from http://www.who.int/topics/zika/en/

Chemistry

Mühlebach, M. D., & Leonard 1, A. V. (2008, November 01). The Measles Virus Fusion Protein

Transmembrane Region Modulates Availability of an Active Glycoprotein Complex and Fusion

Efficiency. Retrieved April 28, 2017, from http://jvi.asm.org/content/82/22/11437.full

Biotechnology

American Sentinel University (2017). Infection Prevention and Control Career Paths. Retrieved April 18, 2016, from www.americansentinel.edu

- APIC (2013 May). Infection Preventionist Competency Model. Retrieved April 18, 2017, from www.apic.org
- Biotech Career Information(n.d.). Retrieved April 28, 2017, from http://www.myplan.com/majors/medicine-md/related-careers-51.1201.html
- Bozman, J., E., E., E., E., E., E., I. (n.d.). Physician Job Description, Career as a Physician, Salary,

 Employment Definition and Nature of the Work, Education and Training Requirements, Getting
 the Job. Retrieved April 09, 2017, from

 http://careers.stateuniversity.com/pages/490/Physician.html
- Bruckner, M. Z. (2016, November 03). Gram Staining. Retrieved April 16, 2017, from
- Career: How to Become a Medical Doctor in Germany. (n.d.). Retrieved April 28, 2017, from http://www.young-germany.de/topic/work/jobs-career/career-how-to-become-a-medical-doctor-in-germany
- Disability Insurance. (n.d.). Retrieved April 28, 2017, from https://www.disabilityquotes.com/disability-insurance/pathologist.cfm
- Discover Pathology. (n.d.). Retrieved April 19, 2017, from The Royal College of
- Epidemiologist Picture . (n.d.). Retrieved April 28, 2017, from

 https://fthmb.tqn.com/S_Ehrzk14XBv4kYnDjoeCIOPqXg=/768x0/filters:no_upscale()/about/scient-ist-in-lab-with-samples-and-ipad-56a437793df78cf772815295.jpg
- Every hard-working South African deserves access to affordable healthcare. (n.d.). Retrieved April 28, 2017, from https://www.getsavvi.co.za/community/health/a-general-practitioner-definition
- Greenwood, Beth (2012). Infection Control Nurse Job Description. Retrieved April 20, 2017, fromwoman.thenest.com

HMS. (n.d.). Retrieved April 28, 2017, from

https://hms.harvard.edu/departments/medical-education/md-programs/new-pathway-np/course-an-d-examination-requirements-md-degree

How to Become a Doctor. (n.d.). Retrieved April 28, 2017, from http://study.com/how_to_become_a_doctor.html

 $\underline{https://serc.carleton.edu/microbelife/research_methods/microscopy/gramstain.html}$

Infection Preventionist Careers (2013). Retrieved April 17, 2017, from www.careersinpublichealth.net

Kinman, T. (2015, November 18). ELISA. Retrieved April 14, 2017, from http://www.healthline.com/health/elisa#overview1

Mankertz, A., Mihneva, Z., Gold, H., Baumgarte, S., Baillot, A., Helble, R., . . . Santibanez, S. (2011, August). Spread of Measles Virus D4-Hamburg, Europe, 2008–2011. Retrieved April 14, 2017, from https://archive-ouverte.unige.ch/unige:25885/ATTACHMENT01

Musso, D., Roche, C., Robin, E., Nhan, T., Teissier, A., & Cao-Lormeau, V. (2015, February). Potential Sexual Transmission of Zika Virus. Retrieved April 14, 2017, from https://pdfs.semanticscholar.org/809d/6722a60f57dd38b34ad857ee5a827465f18d.pdf
Pathologists: https://www.rcpath.org/discover-pathology/i-want-a-career-studying.html

Physician Picture . (n.d.). Retrieved April 28, 2017, from https://media.licdn.com/media/p/1/000/2af/30c/26d2634.png

Purpose: Aesthetics

Rothschild, B. M. (2005, May 15). History of Syphilis. Retrieved April 14, 2017, from https://academic.oup.com/cid/article/40/10/1454/308400/History-of-Syphilis

Salary.com, S. B. (n.d.). Physician - Infectious Disease Salaries. Retrieved April 09, 2017, from http://www1.salary.com/Physician-Infectious-Disease-Salary.html

Schedule of Classes. (n.d.). Retrieved April 28, 2017, from

- http://web.csulb.edu/depts/enrollment/registration/class_schedule/Fall_2017/By_GE_Requirement/HUMzDIVERS.html
- SpringBoard (2013 January 29). Career of the Week in Public Health: Infection Preventionist. Retrieved April 18, 2017, from www.springerpub.com
- Summary. (n.d.). Retrieved April 28, 2017, from https://www.bls.gov/ooh/healthcare/pharmacists.htm
- Syphilis Tests. (n.d.). Retrieved April 11, 2017, from
 - $\underline{http://www.webmd.com/sexual\text{-}conditions/syphilis\text{-}tests\#1}$
- Syphilis Tests. (n.d.). Retrieved April 14, 2017, from https://labtestsonline.org/understanding/analytes/syphilis/tab/test/
- US Dept. of Labor (2015 December 17). Epidemiologist. Retrieved April 20, 2017, from www.bls.gov
- W. (n.d.). Syphilis Symptoms. Retrieved April 11, 2017, from http://www.webmd.com/sexual-conditions/tc/syphilis-symptoms
- Writer, L. G. (2013, June 17). How do I Become an Infectious Disease Doctor? Retrieved April 09, 2017, from http://work.chron.com/become-infectious-disease-doctor-22228.html
- Yamamoto, Y. (2002, May 01). PCR in Diagnosis of Infection: Detection of Bacteria in Cerebrospinal Fluids. Clinical and Vaccine Immunology, 9(3), 508-514. Retrieved April 17, 2017, from http://cvi.asm.org/content/9/3/508.full

General Infections

CDC Fact Sheet: Information for Teens and Young Adults: Staying Healthy and Preventing STDs. (2016, August 04). Retrieved April 20, 2017, from https://www.cdc.gov/std/life-stages-populations/stdfact-teens.htm

- Executive summary. (n.d.). Retrieved April 17, 2017, from

 http://www.who.int/whr/1996/media_centre/executive_summary1/en/index7.htmlGlynn, M. K., & Lynn, T. V. (2008). Brucellosis. *Journal of the American Veterinary Medical Association*, 233(6), 900-908. doi:10.2460/javma.233.6.900
- Guthrie, N. (n.d.). Disease Transmission. Retrieved April 18, 2017, from https://courses.lumenlearning.com/contemporaryhealthissuesxpierce/chapter/disease-tra
 Insect and Animal-Borne Diseases. (n.d.). Retrieved April 19, 2017, from

http://www.allencountyhealth.com/get-informed/diseases-and-conditions/insect-and-animal-borne-diseases/

nsmission/

- Vidyasagar, A. (2016, January 05). What Are Viruses? Retrieved April 19, 2017, from http://www.livescience.com/53272-what-is-a-virus.html
- Zhang, F. (n.d.). Nucleic acid detection with CRISPR-Cas13a/C2c2. Retrieved April 17, 2017, from https://www.ncbi.nlm.nih.gov/pubmed/28408723

Miscellaneous

- Bruckner, M. Z. (2016, November 03). Gram Staining. Retrieved May 10, 2017, from https://serc.carleton.edu/microbelife/research_methods/microscopy/gramstain.html
- Cohn, E. (2014, January 16). Image . Retrieved May 12, 2017, from http://www.huffingtonpost.com/2014/01/16/obamacare-er-wait-times_n_4611230.html

- Family, S. H. (n.d.). Image. Retrieved May 12, 2017, from https://www.seton.net/health-alliance/patients/care-you-need/emergency-room-or-urgent-care/
- Graziano, M. (Director). (2014). *Resistance* [Motion Picture]. Retrieved April 15, 2017, from https://www.youtube.com/watch?v=J_Kl27ywDEA
- Image. (n.d.). Retrieved May 12, 2017, from

 http://medicalandhealthcare.com/professions/veterinary-zoology/epidemiologist-educatio
 n-and-career-information.html
- Roberts, M. (n.d.). Image. Retrieved May 12, 2017, from https://www.thebalance.com/government-job-profile-epidemiologist-1669629
- US Geological Survey (USGS) Topographic Maps. (2012, June 11). Retrieved April 18, 2017,

 From

 https://egis3.lacounty.gov/dataportal/2012/06/08/us-geological-survey-usgs-topographic-maps/
- USGS Topographic Maps of California. (2016, December 15). Retrieved April 17, 2017, from http://www.library.ucsb.edu/mil/usgs-topo-maps-california
- Vaccine Ingredients and Manufacturer Information Vaccines ProCon.org. (2016, September 19). Retrieved April 24, 2017, from http://vaccines.procon.org/view.resource.php?resourceID=005206#measles
- Vlab.amrita.edu,. (2011). Gram Stain Technique. Retrieved 10 May 2017, from vlab.amrita.edu/?sub=3&brch=73&sim=208&cnt=2