



References

- Aberlin, M. B. 2014. "Bad Raps: Understanding Animal Diseases, For Their Sake and For Ours." *The-Scientist.com* 28 (12): 13. December 1. Accessed May 28, 2015.
<http://www.the-scientist.com/?articles.view/articleNo/41484/title/Bad-Raps/>.
- Acland, H. W. 1856. *Memoir of the Cholera at Oxford, in the Year 1854, with Considerations Suggested by the Epidemic*. London: J. Churchill. <https://archive.org/details/memoironcholera01aclagoog>.
- Akst, J. 2015. "HHS Partners on Ebola Drug." *The-Scientist.com* July 22. Accessed July 23, 2015.
<http://www.the-scientist.com/?articles.view/articleNo/43582/title/HHS-Partners-on-Ebola-Drug/>.
- . 2014. "Maps for Disease." *The Scientist*, November 10. Accessed May 31, 2015.
<http://www.the-scientist.com/?articles.view/articleNo/41407/title/Maps-for-Disease/>.
- Allen-Price, E. D. 1960. "Uneven Distribution of Cancer in West Devon with Particular Reference to the Divers Water-Supplies." *Lancet* 275 (7136): 1235–1238.
- American Medical Association. 1855. Minutes of the 8th annual meeting of the AMA. *Transactions of the American Medical Association* 8, 9–12.
- Anderson, S., K. Torugsa, S. Nitayapan, A. Brown, and S. Sangkharomya. 2002. "GIS Assists Public Health Campaign in Thailand." *ArcUser* July-September: 18–21.

- Anonymous. 2014. "Why Do People Risk Infection from Bat Meat?" *Bioscience Technology*. Cambridge, UK: Cambridge University. October 19, 2014. Accessed June 2, 2015.
<http://www.biosciencetechnology.com/news/2014/10/why-do-people-risk-infection-bat-meat>.
- Arbona, S., and S. C. Crum. 1996. "Medical Geography and Cholera in Peru." *The Geographer's Craft Project, Department of Geography, The University of Colorado at Boulder*.
www.colorado.edu/geography/gcraft/warmup/cholera/cholera.html.
- Arrieta, F. 1694. *Raggualio Historico del Contagio Occorso Della Provincia de Bari Negli Anni 1690, 1691 e 1692*. Napoli: Dom. Ant. Parrino e Michele Luigi Mutii.
- Associated Press. 2004. "Las Vegas Officials Fed Up with Stink Emanating from Downtown Storm Sewers." August 1, 2004. www.azcentral.com/arizonarepublic/local/articles/0801 backpagefiller01.htm.
- Association of American Geographers (AAG). 2014. *A New Map of Global Ecological Land Units*. Washington, DC: Association of American Geographers. Accessed June 13, 2015.
http://geobon.org/Downloads/reports/2014/AAG_Global_Ecosyst_bklt72.pdf.
- Athenaeum, The*. 1844. "Reviews: Census of the Population of Ireland in 1841." No. 846. London, 13 January, 29.
- Badcock, B. 2002. *Making Sense of Cities: A Geographical Survey*. London: Arnold, 184.
- Bailey, T. C., and A. C. Gatrell. 1995. *Interactive Spatial Data Analysis*. London: Longman Scientific and Technical, Longman Group Ltd.
- Barney, T. 2015. *Mapping the Cold War: Cartography and the Framing of America's International Power*. Chapel Hill, NC: The University of North Carolina Press.
- Barrett, F. A. 2000a. August Hirsch: As critic of, and contributor to, "Geographical Medicine and Medical Geography." In *Medical Geography in Historical Perspective (Medical History, Supplement No. 20)* edited by N. A. Rupke. London: Wellcome Trust, 98–190.
- . 2000b. "Finke's 1792 Map of Human Diseases: The First World Disease Map?" *Social Science and Medicine* 50(7): 915–921. Elsevier Science.
- . 2000c. *Disease and Geography: The History of an Idea*. York University Department of Geography Monograph 23. Toronto: Atkinson College, 300, 301.
- Barry, J. M. 2004. *The Great Influenza: The Epic Story of the Deadliest Plague in History*. New York: Viking.
- Barthes, R. 1983. "Myth Today." In *A Barthes Reader* edited by S. Sontag. New York: Hill and Wang, 93–149.
- . 1982. "The Plates of the Encyclopedia." In *Barthes: Selected Writings* edited by S. Sontag. Glasgow: Fontana Press, 218–219.
- . 1972. *Mythologies*. New York: Hill and Wang, 104, 105.
- Bausch, D., and G. L. Schwarz. 2015. "Outbreak of Ebola Virus Disease in Guinea: Where Ecology Meets Economy." *PLOS: Neglected Tropical Diseases* 8 (7) e3056. doi:10.1371/journal.pntd.0003056.
- Beck, R. J., and D. Wood. 1976. "Cognitive Transformation of Information from Urban Geographic Fields to Mental Maps." *Environment and Behavior* 8(2): 199–238.

- Bell, W.A., and L. Budd, 2010. "Airports, Localities and Disease: Representations of Global Travel during the H1N1 Pandemic," *Health & Place* 16: 727–735.
- Berghaus, Heinrich and Hermann. 1838–1848. *Physikalisch Atlas Oder Sammlung von Karten*, 2 vols. Gotha: Justus Perthes.
- Berry, J. K. 1999. "Beyond Mapping: Extending Spatial Dependency to Maps." *GIS Today*. www.geoplace.com
- Best, J. 2001. *Damned Lies and Statistics: Untangling Numbers from the Media, Politicians, and Activists*. Berkeley: University of California Press.
- Bhattacharya, S. 2003. "From Foe to Friend: Geographical and Environmental Factors and the Control and Eradication of Smallpox in India." *History and Philosophy of the Life Sciences* 25:3, 299–317.
- Binding, P. 2003. *Imagined Corners: Exploring the World's First Atlas*. London: Review.
- Blaut, J. M., D. Stea, C. Spencer, and M. Blades. 2003. "Mapping as a Cultural and Cognitive Universal." *Annals of the American Association of Geographers* 93 (1): 165–185.
- Booth, C. 1903. *Life and Labour of the People in London*. London: McMillan.
<http://booth.lse.ac.uk/static/a/4.html>.
- Board of Health. 1878. *Annual Report*. Map showing the sources of some of the odiferous odors perceived in Boston, 1878. Boston: City of Boston Archives.
- Boyd, R. 1999. *The Coming of the Spirit of Pestilence: Introduced Infectious Diseases and Population Decline among Northwest Coast Indians, 1774–1874*. Seattle: Washington Press.
- Branswell, H. 2014. "WHO Wants Canada to Justify Visa Ban for Residents of Ebola Countries." *Canadian Press/Toronto Star*, November 4. http://www.thestar.com/news/canada/2014/11/04/who_wants_canada_to_justify_visa_ban_for_residents_of_ebola_countries.html.
- Brigham, A. 1832. *A Treatise on Epidemic Cholera: Including an Historical Account of Its Origin and Progress, to the Present Period*. Hartford: H. and F. J. Huntington.
- Brody, H., M. R. Rip, P. Vinten-Johansen, N. Paneth, and S. Rachman. 2000. "Map-Making and Myth-Making in Broad Street: The London Cholera Epidemic, 1854." *Lancet* 356: 64–68.
- Budd, L., M. Bell, and T. Brown. 2009. "Of Plagues, Planes and Politics: Controlling the Global Spread of Infectious Diseases by Air." *Political Geography* 28: 426–435.
- Burkitt, D. N. 1962a. "A Tumour Safari in East and Central Africa." *British Journal of Cancer* 16: 379–386.
- . 1962b. "Determining the Climatic Limitations of a Children's Cancer Common in Africa." *British Medical Journal* October: 1019–1023.
- Burkle, F.M. Jr., and C.M. Burkle. 2015. "Triage Management, Survival, and the Law in the Age of Ebola." *Disaster Medicine and Public Health Preparedness* 9 (1): 38–42.
- Camerini, J. 2000. "Henrich Bernhaus's Map of Human Diseases." In *Medical Geography in Historical Perspective (Medical History, Supplement No. 20)*, edited by N. A. Rupke. London: Wellcome Trust, 186–210.

- Campbell, F. R. 1885. "The Relation of Meteorology to Disease." *Buffalo Medical and Surgical Journal* 26: 193–214.
- CDC. 2014. "Ebola Viral Disease Outbreak—West Africa, 2014." *Mortality and Morbidity Weekly Report* 63(25) June 27; 548–551. Accessed August 24, 2015. http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6325a4.htm?s_cid=mm6325a4_w.
- CDC. 2004. "Cholera Epidemic Associated with Raw Vegetables—Lusaka, Zambia, 2003–2004 (CDC editorial note)." *Journal of the American Medical Association* 292 (17): 2077–2078.
- . 2000a. *Weekly Epidemiological Record* 31 (4. August.), Cholera, 1999. Geneva: World Health Organization, 249–256.
- . 2000b. *Epi Info*. Washington, D.C.: US Department of Health and Human Services. www.cdc.gov/epiinfo.
- Chadwick, E. 1842. *Report on the Sanitary Condition of the Labouring Population of Great Britain to the Poor Law Commissioners* 26: map page 160.
- Chowell-Puente, G. 2014. "Some Good News about Ebola..." *Washington Post*, September 29. Accessed July 30, 2015. <http://www.washingtonpost.com/posteverything/wp/2014/09/29/some-good-news-about-ebola-it-wont-spread-nearly-as-fast-as-other-epidemics/?hpid=z11>.
- Churchill, R. R., and S. J. Slarsky. 2004. "Mapping September 11, 2001: Cartographic Narrative in the Print Media." *Cartographic Perspectives* 47: 13–27.
- Clemow, F. G. 1903. *The Geography of Disease*. Cambridge: University Press.
- Cliff, A. D., and P. Haggett. 2003. "The Geography of Disease Distributions." In *A Century of British Geography* edited by R. Johnston and M. Williams. Oxford: Oxford University Press for the British Academy, 11, 12, 521–543.
- . 1988. *Atlas of Disease Distributions: Analytic Approaches to Epidemiological Data*. London: Blackwell. 53–55.
- Cliff, A. D., P. Haggett, and M. Smallman-Raynor. 2004. *World Atlas of Epidemic Diseases*. London: Arnold, 88, 89, 120, 122.
- Cockerill, M. 2003. "Data Mining: Open Access Research." *The Scientist* (17) 17: A2–3.
- Coombs, A. 2013. "Fighting Microbes with Microbes." *The Scientist* 27 (1): 28. Accessed May 5, 2013. <http://www.the-scientist.com/?articles.view/articleNo/33703/title/Fighting-Microbes-with-Microbes/>.
- Cooper, E. 1854. *Report on an Enquiry and Examination into the State of the Drainage of the Homes Situate in That Part of the Parish of St. James, Westminster*. 22 September. Metropolitan Commission of Sewers 478/21. London Metropolitan Archives, 1, 2, 6.
- Coswell, C. 1849. "On the Propagation [sic] of Cholera by Contagion." *Medical Times and Gazette* 44 (November 2): 752–754.
- Crampton, J. W. 2002. "Maps, Politics, and History: An Interview with Mark Monmonier." *Environment and Planning D: Society and Space* 20: 637–646.

- Cromley, E. K., and S. L. McLafferty. 2002. *GIS and Public Health*. New York: Guilford Press.
- Croner, C. M. 2004. "Public Health, GIS, and the Internet." *Journal of Map and Geography Libraries* 1 (1): 105–135. www.cdc.gov/nchs/data/gis/GIS_AND_THE_INTERNET.pdf
- Dartmouth Atlas of Health Care*. 1998. Chicago: American Hospital Association. www.dartmouthatlas.org/atalslinks/98atlas.php
- Davidson, A. 1892. *Geographical Pathology: An Inquiry into the Geographical Distribution of Infectious and Climatic Diseases*, 2 vol. London.
- Davies, J. N. P. 1957. "James Christie and the Cholera Epidemics in East Africa." *East African Medical Journal* 36 (1): 1–6.
- DigitalGlobe*. 2015. "DigitalGlobe Opens Access to Satellite Data to Support Disaster Response Efforts in Nepal." *DigitalGlobe (blog)*, April 26. Accessed June 4, 2015. <http://www.digitalglobeblog.com/2015/04/26/digitalglobe-opens-access-to-satellite-data-to-support-disaster-response-efforts-in-nepal/>.
- Dimenstein, I. B. 2003. "Upfront: Letter." *The Scientist* 17 (17): 14.
- Dione, B. 2014. "Ebola spreads to Senegal." Associated Press/*Toronto Star*. August 29. Accessed May 20, 2015. http://www.thestar.com/news/world/2014/08/29/ebola_spreads_to_senegal.html.
- Dorling, D., and D. Fairbairn. 1997. *Mapping: Ways of Representing the World*. Essex, UK: Addison Wesley Longman, Ltd.
- Dorrit, R. L. 2015. "Breached Ecological Barriers and the Ebola Outbreak." *American Scientist* (July-August) 103: 256–259.
- Dotto, L. 2003. "Outbreak: The Climate Connection. *Toronto Globe and Mail*." 30 (August): F7.
- Drake, D. 1850. *A Systematic Treatise, Historical, Etiological, and Practical, on the Principal Disease of the Interior Valley of North America*. Cincinnati: Winthrop B. Smith.
- du Luc, F. J. 2014. "The US Military's New Enemy: Ebola. Operation United Assistance is Now Underway." *Washington Post* (October 13). Accessed August 31, 2015. <http://www.washingtonpost.com/news/to-your-health/wp/2014/09/30/the-u-s-military-forces-fighting-the-war-on-ebola/>.
- Duncan, K. 2003. *Hunting the 1918 Flu: One Scientist's Search for a Killer Virus*. Toronto: University of Toronto Press.
- Dunham, L. J., and J. C. Bailar, 1968. "World Maps of Cancer Mortality Rates and Frequency Ratios." *Journal of the National Cancer Institute* 41 (1): 155–203.
- Dunn, R. 2011. *The Wild Life of Our Bodies: Predators, Parasites, and Partners That Shape Who We Are Today*. New York: HarperCollins, 2011.
- Ebola Mapping*. 2014. "Understanding and Analyzing What People are Saying about Ebola." Accessed July 7, 2015. <http://ebolamapping.com/ebola-tweet-map>.

- Faria, N.R., R. Azevedo, M. Kraemer, R. Souza, M. Cunha, et al. 2016. "Zika Virus in the Americas: Early Epidemiological and Genetic Findings." *Science*. 351 (March 25). Accessed March 26, 2016. <http://science.sciencemag.org/content/early/2016/03/23/science.aaf5036.full>
- Farmer, P. 2003. *Pathologies of Power: Health, Human Rights, and the New War on the Poor*. Berkeley: University of California Press.
- Farr, W. 1866. "Report on the cholera epidemic of 1866 in England." *Medical Times and Gazette*, 8 September. *UK Parliament Session Papers 1867–1868*, vol. 37.
- . 1855. *Letter of the President of the General Board of Health to the Right Honorable Viscount Palmerston Accompanying a Report from Dr. Sutherland on Epidemic Cholera in the Metropolis in 1854*. London: George E. Eyre and William Spottiswoode.
- Farrar, J.J., and P. Piot. 2014. "The Ebola Emergency—Immediate Action, Ongoing Strategy." *New England Journal of Medicine* : 371 (16):1545–46.
- Fink, S. 2014. "Cuts at W.H.O. Hurt Response to Ebola Crisis." *New York Times*, September. 3. Accessed May 30, 2015. http://www.nytimes.com/2014/09/04/world/africa/cuts-at-who-hurt-response-to-ebola-crisis.html?_r=1.
- Finke, L. L. 1792. *Versuch einer Allgemeinen Medicinisch-Praktischen Geographie*, 3 vols. Leipzig.
- Firby, P.A., and C.F. Gardiner. 1982. *Surface Topology*. New York: John Wiley and Sons.
- Forry, S. 1842. *The Climate of the United States and Its Endemic Influences*. New York: J & H. G. Landley.
- . 1841. "Statistical Researches Elucidating the Climate of the United States and Its Relation with Diseases of Malarial Origin, Based on the Records of the Medical Department and the Adjutant General's Office." *American Journal of the Medical Sciences* 1: 13–46.
- Fotheringham, A. S., and F. B. Zhan. 1996. "A Comparison of Three Exploratory Methods for Cluster Detection in Spatial Point Patterns." *Geographical Analysis* 28 (3): 200–218.
- Fremlin, G., and A. H. Robinson. 1998. "Maps as Mediated Seeing." *Cartographica* 35 (1 and 2): monograph 51.
- French, W. S., and E. O. Shakespeare. 1885. *Report upon the Epidemic of Typhoid Fever at Plymouth, Luzerne County, PA*. Philadelphia: Ledger Job Print. 9, 10.
- Friedman, L. 2014. "As Ebola Fear Increases, Here's a Map of America's Quarantine Stations." *Business Insider*. August 1. Accessed August 15, 2015. <http://www.businessinsider.com/cdc-quarantine-stations-ebola-2014-8>.
- Frost, W. H. 1941. *Papers of Wade Hampton Frost, M.D. A Contribution to Epidemiological Method*, edited by Kenneth F. Maxcy. New York: Commonwealth Fund.
- . 1912. "Epidemiologic Studies of Acute Anterior Poliomyelitis : I. Poliomyelitis in Iowa, 1910. II. Poliomyelitis in Cincinnati, Ohio, 1911. III. Poliomyelitis in Buffalo and Batavia, New York, 1912." Washington, DC: Government Printing Office. *US Hygienic Laboratory Bulletin* No. 90.
- Crampton, J. W. 2002. "Maps, Politics, and History: An Interview with Mark Monmonaghan." *Planning D: Society and Space* 20: 637–646.

- Frost, W. H., and L. L. Lumsden. 1910. "The Water Supply of Williamson, W. Va., and Its Relation to an Epidemic of Typhoid Fever." In, "Report on an Outbreak of Typhoid Fever at Omaha, Nebr.—(1909–1910)." Washington, DC: Government Printing Office. *US Hygienic Laboratory Bulletin* No. 72.
- Gatrell, A.C. 1983. *Distance and Space: A Geographical Perspective*. Oxford: Oxford University Press.
- General Board of Health (Medical Council). 1855. Appendix to *Report of the Committee for Scientific Inquiries in Relation to the Cholera-Epidemic of 1854*. London: George E. Eyre and William Spottiswoode.
- General Register Office (GRO). 1853. *Weekly Return of Births and Deaths in London* November 19 supplement.
- Gibbons, R. D., D. Meltzer, and N. Duan. 2000. "Waiting for Organ Transplantation." *Science* 287 (January 14): 237, 238, 549, 550.
- Gibson, A., S. Asthana, P. Brigham, G. Moon, and J. Dicker. 2002. "Geographies of Need and the New NHS Methodological Issues in the Definition and Measurement of the Health Needs of Local Populations." *Health and Place* 8 (1): 47–60.
- Gilbert, E. W. 1958. "Pioneer Maps of Health and Disease in England." *Geographical Journal* 124: 172–183.
- Gire S. K., A. Goba, K.G. Andersen, R.S.G. Sealfon, and D.J. Park. 2014. "Genomic Surveillance Elucidates Ebola Virus Origin and Transmission During the 2014 Outbreak." *Science* 345:1369–1372.
- Girtz, J. L. 1972. "Simple Chronic Bronchitis and Urban Ecological Structure." In *Medical Geography: Techniques and Field Studies*, edited by N. D. McGlashen. London: Methuen and Co., Ltd.
- Godfrey, C. M. 1968. *The Cholera Epidemics in Upper Canada, 1832–1866*. Toronto: Seecombe House.
- Goodchild, M. 1994. "GIS and Geographic Research." In *Ground Truth: The Social Implications of Geographical Information Systems*, edited by J. Pickles. 31–50. New York: Guilford.
- Gordon, A., and J. Womersley. 1997. "The Use of Mapping in Public Health and Planning Health Services." *Journal of Public Health Medicine* 19 (2): 139–147.
- Gould, P. 1999. *Becoming a Geographer*. Syracuse, NY: Syracuse University Press.
- . 1993. *The Slow Plague: A Geography of the AIDS Pandemic*. Cambridge, MA and Oxford, UK: Blackwell Publishing.
- Gould, P., J. Kabel, W. Gorr, and A. Golub. 1991. "AIDS: Predicting the Next Map." *Interfaces* 21 (3): 80–92.
- Grainger, W. 1850. *Report of the General Board of Health on the Epidemic Cholera of 1848 and 1849: Appendix B*. Parliamentary papers. Session 1850, vol. 21. 199.
- Grant, B. 2014. "Lurking in the Shadows." *The-Scientist.com* 28 (12). December 1: 33–37. Accessed June 5, 2015. <http://www.the-scientist.com/?articles.view/articleNo/41537/title/Lurking-in-the-Shadows/>.
- Guilford, G., and D. Yanovsky. 2014. "Viral Carrier: Here Are the 35 Countries One Flight Away from Ebola-Affected Countries." *QZ Magazine* (July). Accessed August 5, 2014. <http://qz.com/242388/here-are-all-the-35-countries-one-flight-away-from-ebola-affected-countries/>.

- Guillet, E. C. 1963. *The Great Migration: The Atlantic Crossing by Sailing-Ship Since 1770*. 2nd ed. Toronto: University of Toronto Press.
- Gundersen, L. 2000. "Mapping It Out: Using Atlases to Detect Patterns in Health Care, Disease, and Mortality." *Annals of International Medicine* 133 (2): 161–164.
- Hage, P., and F. Harary. 1983. *Structural Models in Anthropology*. New York: Cambridge University Press.
- Hägerstrand, T. 1975. "Survival and Arena: On the Life-History of Individuals in Relation to Their Geographical Environment." *The Monadnock* 49 (June): 9–29.
- . 1967. *Innovation Diffusion as a Spatial Process*, translated by A. Pred. Chicago: University of Chicago Press.
- Haggett, P. 2000. *The Geographical Structure of Epidemics*. Oxford: Clarendon Press.
- . 1976. "Hybridizing Alternative Models of an Epidemic Diffusion Process." *Economic Geography* 53: 136–46.
- . 1966. *Locational Analysis in Human Geography*. New York: St. Martin's Press.
- Haglund, K. 2002. *Inventing the Charles River*. Cambridge, MA: MIT Press.
- Hall, E. 2003. "Reading Maps of the Genes: Interpreting the Spatiality of Genetic Knowledge." *Health and Place* 9: 151–161.
- Hansen, M. L. 1961. *The Atlantic Migration: 1607–1860*. 2nd ed. New York: Harper Torchbooks.
- Harrison, M. 2000. "Differences of Degree: Representations of India in British Medical Topography, 1820–c.1870." In, *Medical Geography in Historical Perspective (Medical History, Supplement No. 20)* edited by N. A. Rupke. London: Wellcome Trust, 51–69.
- Haviland, A. 1892. *The Geographical Distribution of Disease in Great Britain*. 2nd ed. London: Swan Sonnenschein and Co. vii.
- Hay, S. I, K.E. Battle, D.M. Pigott, D.L. Smith, C.L. Moyes, S. Bhatt, J.S. Brownstein, N. Collier, M.F. Meyers, D.B. George, and P.W. Gething. 2013. "Global Mapping of Infectious Disease." *The Royal Society: Philosophical Transactions B* 368: 20120250. Accessed May 16, 2015.
<http://rstb.royalsocietypublishing.org/content/royptb/368/1614/20120250.full.pdf>.
- Heersink, P. 2001. *Review, Lie of the Land: The Secret Life of Maps*, edited by April Carlucci and Peter Barber. London: British Library Board 2001. *Cartographica* 38 (1): 136–137.
- Higgs, G. 2002. "Researching Applications of Geographical Information Systems in Health: An Introduction." *Health and Place* 8: 1–2.
- Hillary, W. 1763. *Observation on the Changes of the Air and the Concomitant Epidemiological Disease in the island of Barbados. To Which is Added a Treatise on the Putrid Bilius Fever, Commonly Called the Yellow Fever; and Such Other Diseases as Are Indigenous or Endemial in the West India Islands, or in the Torrid Zone*. London: C. Hitch and L. Hawes.
- Hirsch, A. 1883–1886. *A Handbook of Geographical and Historical Pathology*, 3 vols. London: Translated by Charles Creighton. 2.

- Holbein, H. 1538/1971. *The Dance of Death: A Complete Facsimile of the Original 1538 Edition of Les Simulachres & Histories Faces de la Mort*. New York: Dover Publications.
- Holling, C. 1992. "Cross-Scale Morphology, Geometry, and Dynamics of Ecosystems." *Ecological Monographs* 62: 447–493.
- Hopps, H. C. 1969. "Computerized Mapping of Disease and Environmental Data." In, *The Mapping of Disease*, edited by F. J. Spencer. *SLA Bulletin: Geography and Map Division* 79: 24–30.
- Howe, G. M. 1969. *The National Atlas of Disease Mortality in the United Kingdom*, 2nd ed. *SLA Bulletin: Geography and Map Division* 78: 16–18.
- . 1963. *The National Atlas of Disease Mortality in the United Kingdom*, 2nd ed. London: Thomas Nelson and Sons, Ltd. 1, 7.
- . 1963. *The National Atlas of Disease Mortality in the United Kingdom*. London: Thomas Nelson and Sons, Ltd. 7–10.
- Huff, D. 1993. *How to Lie with Statistics*. Rev. ed. New York: W. W. Norton.
- Hunter, J. M., and J. Young. 1971. "Diffusion of influenza in England and Wales." *Annals of the Association of American Geographers* 61 (4): 637–653.
- Ingold, T. 2000. *The Perception of the Environment: Essays on Livelihood, Dwelling, and Skill*. London and New York: Routledge. 223–235.
- Ingram, D. 1755. *An Historical Account of the Several Plagues That Have Appeared in the World Since the Year 1346. With an Enquiry into the Present Prevailing Opinion That the Plague is a Contagious Distemper, Capable of Being Transported in Merchandise from One Country to Another*. London: R. Baldwin and J. Clark, 77.
- Institute of Medicine. 1999. *Organ Procurement and Transplantation: Assessing Current Policies and the Potential Impact of the DHHS Final Rule*. Washington, DC: National Academy Press.
- Jacob, J. 2003. Editorial: "Home Rules." *Transactions of the Institute of British Geographers* 28: 259–263.
- Jarcho, S. 1974. Trans. "An Early Medicostatistical Map" (Malgaigne, 1840). *Bulletin, New York Academy of Medicine* 40 (1).
- . 1970. "Yellow Fever, Cholera, and the Beginnings of Medical Cartography." *Journal of the History of Medicine and Allied Sciences* 25: 131–142.
- . 1969. "The Contributions of Heinrich and Hermann Berghaus to Medical Cartography." *Journal of the History of Medicine and Allied Sciences* 24: 412–415.
- Jenkins, S. 2001. "Maps that Charted the Distortions of Time." *The Times of London*, August 30.
- Johnson, J., and P. R. Thota. 2003. "NAPL Contamination Evaluation using GIS." *ArcUser* 6 (3): 24–25.
- Johnston, A. K. 1856. *The Physical Atlas of Natural Phenomena*. Edinburgh: W. Blackwood.
- Jones, G. E. 1995. *How to Lie with Charts*. New York: Sybex.

- Joost, S., A. Bonin, M.W. Bruford, L. Despres, C. Conord, G. Erhardt, P. Taberlet. 2007. "A Spatial Analysis Method (SAM) to Detect Candidate Loci for Selection: Towards a Landscape Genomics Approach to Adaptation." *Molecular Ecology* (September 16) 16: 3955–69.
- Jusatz, H. J. 1977. "Cholera." In *A World Geography of Human Diseases*, edited by G. M. Howe. London: Academic Press.
- . 1969. In *The Mapping of Disease: Medical Mapping as a Contribution to Human Ecology*, edited by F. J. Spencer. *SLA Bulletin* no. 78: 19–23.
- Kaiser, W. L., D. Wood, and R. Abramms. 2005. *Afterward. Seeing through Maps*. 2nd ed. Amherst, MA: ODT, Inc.
- Katmandu Living Labs. 2015. "Maps for Nepal." *Indigogo.com*. Accessed June 5, 2015. <https://www.indiegogo.com/projects/maps-for-nepal/x/10991536#/story>.
- Kawachi, I. 2002. Editorial: "What is Social Epidemiology?" *Social Science and Medicine* 54: 1739–1741.
- Kahn, K., J. Arino, H. Wei, P. Raposo, J. Sears, and F. Calderon. 2009. "Spread of a Novel Influenza A (H1N1) Virus via Global Airline Transportation." *New England Journal of Medicine* 361: 212–14.
- Khan, K., J. Sears, V.W. Hu, et al. 2013. "Potential for the International Spread of Middle East Respiratory Syndrome in Association with Mass Gatherings in Saudi Arabia." *PLOS: Current Outbreaks*. Accessed July 16, 2015. <http://currents.plos.org/outbreaks/article/assessing-risk-for-the-international-spread-of-middle-east-respiratory-syndrome-in-association-with-mass-gatherings-in-saudi-arabia/>.
- Khan, K., I. Bogoch, J.S. Brownstein, et al. 2014. "Assessing the Origin of and Potential for International Spread of Chikungunya Virus from the Caribbean." *PLOS: Current Outbreaks*. June 6. Accessed July 16, 2015. <http://currents.plos.org/outbreaks/article/assessing-the-origin-of-and-potential-for-international-spread-of-chikungunya-virus-from-the-caribbean/>.
- Kitchin, R. 2002. "Participatory Mapping of Disabled Access." *Cartographic Perspectives* 50–60.
- Knowles, A. K. 2002. *Past Time, Past Place: GIS for History*. Redlands, CA: Esri Press.
- Koch, T. 2011. *Disease Maps: Epidemics on the Ground*. Chicago: University of Chicago Press.
- . 2005. "Response to Mark Monmonier." *Cartographica*, 40 (3): 109–110.
- . 2004. "The Map as Intent: Variations on the Theme of John Snow." *Cartographia* 39 (4): 1–14.
- . 2003. *The Wreck of the William Brown*. Vancouver, Canada: Douglas and McIntyre Publishers.
- . 2002. *Scarce Goods: Justice, Fairness, and Organ Transplantation*. Westport, CT: Praeger Publishing.
- . 1999a. "Mapping the ORMS World." *ORMS Today* 26 (4): 26–30.
- . 1999b. "The Organ Transplantation Dilemma." *ORMS Today* February: 22–31.
- . 1999c. "They Might as Well Be in Bolivia: Race, Ethnicity and the Problem of Solid Organ Donation." *Theoretical Medicine and Bioethics* 20 (6): 563–474.
- . 1998. *The Limits of Principle: Deciding Who Lives and What Dies*. Westport, CT: Praeger Publishing.
- . 1994. *Watersheds: Stories of Crisis and Renewal in Everyday Life*. Toronto: Lester Books. 176–198.

- . 1991. *Journalism for the 21st Century: Online Libraries, Databases, and the News*. Westport, CT.: Praeger Publishing.
- . 1990. *The News as Myth: Fact and Context in Journalism*. Westport, CT.: Praeger Publishing. 26.
- Koch, T., and K. Denike. 2007. "Certainty, Uncertainty, and the Spatiality of Disease: A West Nile Virus Example." *Stochastic Environment Research and Risk Assessment (SERRA)* 21: 523–531.
- . 2004. "Medical Mapping: The Revolution in Teaching—and Using—Maps for the Analysis of Medical Issues." *Journal of Geography* 103 (2): 76–85.
- . 2001. "GIS Approaches to the Problem of Disease Clusters: A Brief Commentary." *Social Science and Medicine* 51: 151–154.
- Kohli, S., H. Noorland Brage, and O. Löfman. 2000. "Childhood Leukemia in Areas with Different Radon Levels: A Spatial and Temporally Analysis using GIS." *Journal of Epidemiology and Community Health* 54: 822–826.
- Krieger, A., and D. Cobb, editors. 2001. *Mapping Boston*. Cambridge, MA: MIT Press.
- Krieger, N. 2001. "Historical Roots of Social Epidemiology: Socioeconomic Gradients in Health and Context Analysis." *International Journal of Epidemiology* 30: 899–903.
- . 2001. "Glossary for Social Epidemiology." *Journal of Epidemiology and Community Health* 55: 693–700.
- Krim, A. 2002. Review: "Mapping Boston." *The Professional Geographer* 54 (3): 472–473.
- Lancet*. 1849. Reviews. *Lancet*. 2: 317.
- Lang, L. 2000. *GIS for Health Organizations*. Redlands, CA: Esri Press.
- Langlands, B. W. 1969. "Maps and Medicine in East Asia." In *The Mapping of Disease. SLA Geography and Map Bulletin* Number 78: 9-15.
- Learmonth, A. T. 1988. *Disease Ecology: An Introduction*. London: Blackwell Publishing.
- . 1957. "Some Contrasts in the Regional Geography of Malaria in India and Pakistan." *Transactions of the Institute of British Geographers* 23: 37–59.
- Lederberg, J. 2003. "Getting in Tune with the Enemy—Microbes." *The Scientist* 17 (16): 20–21.
- Lee, R. 2002. "Nice Maps, Shame about the Theory? Thinking Geographically about the Economic." *Progress in Human Geography* 26 (3): 333–356.
- Lefebvre, H. 1974. *The Production of Space*. Oxford: Blackwell Publishing.
- Lemann, N. 2001. "Atlas Shrugs: The New Geography Argues That Maps Have Shaped the World." *New Yorker* April 9: 131–134.
- Lewis, R. 2004. "Devious and Deadly: Influenza through the Ages." *The Scientist* 18 (1): 19.
- Lewontin R. C. 1992. *Biology as Ideology: The Doctrine of DNA*. New York: Harper-Collins.

- Lind, J. 1771. *An Essay on Diseases Incidental to Europeans in Hot Climates, with the Method of Preventing Their Fatal Consequences*. London.
- Lombard, H. C. 1877–1880. *Traité de Climatologie Médicale, Comprenant la Meteorology Médicale et l Etude des Influences Physiologiques, Pathologiques, Prophylactiques, et Thérapeutiques du Climate sur la Santé*, 4 vol. Paris.
- Longley, P. A., and M. Batty, editors. 2003. *Advanced Spatial Analysis*. Redlands, CA.: Esri Press.
- Lüge, T. 2014. “GIS Support for the MSF Ebola Response in Guinea 2014: Case Study.” Geneva, Switzerland: Médecins Sans Frontières Operational Center 2014. Accessed May 23, 2015.
<http://reliefweb.int/report/world/gis-support-msf-ebola-response-guinea-2014-case-study>.
- Lyons, R. D. 1859. [Parliamentary] *Report on the Pathology, Therapeutics, and General Aitiology of the Epidemic of Yellow Fever Which Prevailed at Lisbon During the Latter Half of the Year 1857*. London: George Edward Eyre and William Spottiswoode.
- Malgaigne, J. F. 1840. “Recherches sur le fréquence des Hernies Selon les Sexes, les Ages, et Relativement à la Population.” *Annales d’Hygiène et de Médecine Légale* (July 1840): 1–50.
- Maman, A. 2015. “In Sierra Leone, Quarantines without Food Threaten Ebola Response.” *Aljazeera America*. February 19.
<http://america.aljazeera.com/articles/2015/2/19/in-sierra-leone-quarantined-ebola-survivors.html>
- Marriott, E. 2003. *The Plague Race: A Tale of Fear, Science, and Heroism*. London: Picador.
- Martin, D., H. Wrigley, S. Barnett, and P. Roderick. 2002. “Increasing the Sophistication of Access Measurement in a Rural Health Care Study.” *Health and Place* 8 (1): 3–13.
- Mason J., and J. H. Giahvue. 2014. “Citing Security Threat, Obama Expands US Role Fighting Ebola.” *Reuters* (September 16). Accessed July 23, 2015.
<http://www.reuters.com/article/2014/09/17/us-health-ebola-obama-idUSKBN0HB08S20140917>.
- Maturana, H., and F. Varela. 1992. *The Tree of Knowledge: The Biological Roots of Human Understanding*. Rev. ed. Boston: Shambhala.
- May, J. M. 1950. “Medical Geography: Its Methods and Objectives.” *The Geographical Review* 50: 10–41.
 ———. 1961. Introduction. In *Studies in Disease Ecology*, edited by J. M. May. New York: Hafner Publishing.
 ———. 1955. *World Atlas of Disease*. American Geographical Society of New York.
- Mayer, J. D. 1996. “The Political Ecology of Disease as One New Focus for Medical Geography.” *Progress in Human Geography* 20 (4): 441–456.
- McGlashan, N. D. 1977. “Viral Hepatitis in Tasmania.” *Social Science and Medicine* 11: 731–744.
 ———. 1972. *Medical Geography: Techniques and Field Studies*. London: Methuen and Company, Ltd. 135.
- McGlashan, N. D., and J. R. Blunden. 1983. *Geographical Aspects of Health: Essays in Honor of Andrew Learmonth*. London: Academic Press. 85.

- McLeod, K. 2000. "Our Sense of Snow: The Myth of John Snow in Medical Geography." *Social Science and Medicine* 7 and 8 (February): 923–936.
- McNeill, W. H. 1976. *Plagues and People*. New York: Anchor Press, Doubleday.
- Medical Times and Gazette*. 1866. The East London Water Company. September 8.
- Melnick, A. L. 2002. *Introduction to Geographic Information Systems in Public Health*. Gaithersburg, MD: Aspen Publishing. 2, 3.
- Melosi, M. 2000. *The Sanitary City: Urban Infrastructure in America from Colonial times to the Present*. Baltimore and London: Johns Hopkins University Press. 46.
- Mitman, G., and R. L. Numbers. 2003. "From Miasma to Asthma: The Changing Fortunes of Medical Geography in America." *History and Philosophy of the Life Sciences* 25 (3): 391–412.
- Monmonier, M., and T. Koch. 2005. Mark Monmonier's rejoinder and Tom Koch's response to the article: Koch, Tom. 2004. "The Map as Intent: Variations on the Theme of John Snow." *Cartographica* 39 (4):1–14.
- Monmonier, M. 1999. *Air Apparent*. Chicago: University of Chicago Press.
- . 1997. *Cartographies of Danger*. Chicago: University of Chicago Press. 263.
- . 1996. *How to Lie with Maps*. 2nd ed. Chicago: University of Chicago Press. 158, 159.
- . 1989. *Maps with the News: The Development of American Journalistic Cartography*. Chicago: University of Chicago Press.
- Mooney, P., and P. Corcoran. 2014. "Analysis of Interaction and Co-editing Patterns amongst OpenStreetMap Contributors." *Transactions in GIS* 18(5): 633–659. Accessed May 16, 2015.
http://www.cs.nuim.ie/~pmooney/websitePapers/TGIS_June2013_MooneyCorcoran.pdf.
- Morris, R. J. 1976. *Cholera 1832: The Social Response to an Epidemic*. London: Croom Helm.
- Morse, S. S. 1999. "Factors in the Emergence of Infectious Diseases." *Emerging Infectious Diseases* 1 (2).
www.cdc.gov/ncidod/eid/vol1no2/wilsom.htm.
- Mühry, A. 1856. *Thesaurus Grundzüge der Noso-Geographie Oder Geordnete Sammlung Noso-Geographischer Berichte, mit Hinzugefügten Commentation*. Leizig and Heidelberg: C.F. Winter.
- Mylne, A., O.J. Brady, Z. Huang, et al. "A Comprehensive Database of the Geographic Spread of Past Human Ebola Outbreaks." *Scientific Data* 1 (140042) <http://www.nature.com/articles/sdata201442>.
- New York Board of Health. 1821. *A Statement of Facts Relative to the Late Fever Which Appeared in Bancker Street and its Vicinity*. New York: Bliss.
- Nuland, S. B. 1989. *Doctors: The Biography of Medicine*. New York: Vintage Books. 239.
- Numbers, R. A. 2000. "Reflections on the History of Medical Geography." In *Medical Geography in Historical Perspective (Medical History, Supplement No. 20)* edited by N. A. Rupke. London: Wellcome Trust. 219.
- O'Connor, E. 2000. *Raw Material: Producing Pathology in Victorian Culture*. Durham: Duke University Press. 11.
- O'Sullivan, D., and D.J. Unwin. 2003. *Geographic Information Analysis*. Hoboken, NJ: John Wiley and Sons, Inc.

- Openshaw, S., M. Charlton, and A. Craft. 1988. "Searching for Leukemia Clusters using a Geographical Analysis Engine." *Papers of the Regional Science Association* 64: 95–106.
- Openshaw, S., M. Charlton, C. Wymer, and A. Craft. 1987. "A Mark 1 Geographical Analysis Machine for the Automated Analysis of Point Data Sets." *International Journal of Geographical Information Systems* 1 (4): 335–358.
- Orford, S., D. Dorling, R. Mitchell, M. Shaw, and G. D. Smith. 2002. "Life and Death of the People of London: A Historical GIS of Charles Booth's Inquiry." *Health and Place* 8 (1): 25–35. Accessed May 29, 2015. http://www.academia.edu/3720057/Orford_Et_Al_Charles_Booth.
- Park, P. 2015. "Funding Research in Africa." *The-Scientist.com*. January 1. Accessed July 23, 2015. <http://www.the-scientist.com/?articles.view/articleNo/41683/title/Funding-Research-in-Africa/>.
- Parks, E. 1855. Review: "Mode of Communication of Cholera by John Snow." *British and Foreign Medico-Chiurgical Review* 15: 449–456.
- Parry, L., E. Glanfield, and M. Ledwith. 2014. "How Deadly Ebola Has Spread across the Globe: Health Officials Try to Trace 30,000 Linked to Death of American Victim." *Daily Mail Online* (July 30). Accessed July 19, 2015. <http://www.dailymail.co.uk/news/article-2710285/Ebola-test-feverish-man-flew-Britain-West-Africa-doctors-red-alert-deadly-virus.html>.
- Pascalis-Ouvière, F. 1796. *Medio-Chymical Dissertations on the Cause of the Epidemic Called Yellow Fever, and on the Preparation of the Best Antinomial Preparations for the Use of the Medicine*. Philadelphia: Snowden and M'Corkle.
- . 1819. *A Statement of the Occurrences of a Malignant Yellow Fever, in the City of New-York, in the Summer and Autumnal Months of 1819; and of the Check Given to its Progress, by the Measures Adopted by the Board of Health. With a List of Cases and Names of Sick Persons; and a Map of Their Places of Residence within the Infected and Proscribed Limits: with a View of Ascertaining, by Comparative Arguments, Whether the Distemper was Engendered by Domestic Causes, or Communicated by Human Contagion from Foreign Ports*. New York: W. A. Mercein. 17, 19, 241.
- . 1820. "A Statement of the Occurrences During a Malignant Yellow Fever in the City of New York." *Medical Repository*. 229–256.
- Patz, J. A., P. Daszak, G. M. Tabor, et al. 2004. "Unhealthy Landscapes: Policy Recommendations on Land Use Change and Infectious Disease Emergence." *Environmental Health Perspectives* 112 (10): 1092–1098.
- Petermann, A. 1848. *Statistical Notes to the Cholera Map of the British Isles Showing the Districts Attacked in 1831, 1832, and 1833*. London: John Betts.
- Pickering, A. 1995. *The Mangle of Practice: Time, Agency, and Science*. Chicago: University of Chicago Press.
- Pickles, J. 1997. "Tool or Science? GIS, Technoscience, and the Theoretical Turn." *Annals of the Association of American Geographers* 87 (2): 363–372.

- Pigott, D., M.N. Golding, A. Myline, Z. Huang, D.J. Weiss, O.J. Brady, M.U. Kraemer, and S.L. Hay. 2015. "Mapping the Zoonotic Niche of Marburg Virus Disease in Africa." *Transactions of the Royal Society of Tropical Medicine and Hygiene* 109 (6). Accessed June 4, 2015. <http://www.ncbi.nlm.nih.gov/pubmed/25820266>.
- Porter, D. H. 1998. *The Thames Embankment: Environment, Technology, and Society in Victorian London*. Akron: University of Akron Press. 22.
- Porter, R. 1998. *The Greatest Benefit to Mankind: A Medical History of Humanity*. New York: W.W. Norton. 56, 58.
- Pratt, M. 2004. "Crises Prove the Value of GIS." *ArcUser*. Accessed May 11, 2015. <http://www.esri.com/news/arcuser/0104/disaster.html>.
- . 2003. "Down-to-Earth Approach Jumpstarts GIS for Dengue Fever Outbreak." *ArcUser*, January-March: 68–69. <http://www.esri.com/news/arcuser/0103/90villages1of2.html>.
- Pray, L. A. 2004. "Viroids, Viruses, and RNA Silencing." *The Scientist* 18 (16): 23.
- Pritsker, A., and T. Koch. 1999. "Organ Debate 'Transplanted' to Pages of *OR/MS Today*." *OR/MS Today* 26 (3): 16–18.
- Pritsker, A. 1998. "Life and Death Decisions: Organ Transplant Allocation Policy Analysis." *OR/MS Today* 25 (4): 22–28.
- Punch, or the London Charivari* 1847. "Modern Streetology." 12 (January to June): 265.
- . 1846. *London Leaving Town*. 11 (July to December): 32.
- . 1845. *The Battle of the Street*. 8 (January to June): 63.
- Pyle, G. F. 1986. *The Diffusion of Influenza: Patterns and Paradigms*. Lanham, MD.: Rowman and Littlefield.
- . 1979. *Applied Medical Geography*. Washington, DC: Winston and Sons. 81–83, 98.
- . 1976. "Introduction: Foundations to Medical Geography." *Economic Geography* 52 (2): 95–102.
- . 1969. "The Diffusion of Cholera in the United States in the Nineteenth Century." *Geographical Analysis* 1 (1): 59–75.
- Pyle, G. F. and P. H. Rees. 1971. "Modeling Patterns of Death and Disease in Chicago." *Economic Geography* 47 (4): 475–488.
- Reeder, M. 2002. "Burkett's Lymphoma" *Tropical Medicine Center Resource*. Accessed August 30, 2015. tmcr.usuhs.mil/tmcr/chapter41/clinical.htm.
- Reporter. 2014. "Ebola Outbreak Compared to Wartime by Doctors without Borders." *CBC News*. August 14. Accessed August 24, 2015. <http://www.cbc.ca/news/health/ebola-outbreak-compared-to-wartime-by-doctors-without-borders-1.2737367>.
- Reporter. 2014. "Ebola Epidemic is Like War Time, Says MSF." *SkyNews*. August 15. Accessed August 30, 2015. <http://news.sky.com/story/1319044/ebola-epidemic-is-like-war-time-says-msf>.

- Reporter. 2013. "Scientists Believe THOUSANDS of People Have Been Exposed to a Deadly Outbreak of Tuberculosis in Downtown Los Angeles." *Daily Mail* (UK), February 22. Accessed December 6, 2013. <http://www.dailymail.co.uk/news/article-2283043/Thousands-exposed-deadly-TB-outbreak-Los-Angeles.html>.
- ReVelle, C. 1993. "Facility Siting and Integer-Friendly Programming." *European Journal of Operational Research* 65: 147–158.
- Richardson, B. W. 1936. Introduction. *Snow on Cholera: Being a Reprint of Two Papers by John Snow, M.D.*, edited by W. H. Frost. New York: The Commonwealth Fund.
- Robinson, A. H. 1982. *Early Thematic Mapping in the History of Cartography*. Chicago: University of Chicago Press.
- Robinson, A. H., and B. B. Petchenik. 1986. *The Nature of Maps: Essays Towards Understanding Maps and Mapping*. Chicago: University of Chicago Press. xv, 156, 170, 171, 180, 181, 183, 184.
- Rodenwaldt, E., R. E. Bader, and H. J. Jusatz. 1952-1961. *Welt Seuchen Atlas: Weltatlas der Seuchenverbreitung und Seuchenbewegung*. Hamburg: Falk-Verlag.
- Rogers, E. 1962. *Diffusion of Innovation*. New York: Free Press.
- Roper, M. D. 2003. *GPS to GIS Procedural Handbook Version 6.0. San Juan National Forest: US Forest Service*. Accessed May 5, 2015. http://www.nps.gov/gis/gps/gps4gis/how2s_bycategories/0-overall/gps_gis_v6-0.pdf.
- Rothenberg, J. N. 1836. *Die Cholera-Epidemie des Jahres 1832 in Hamburg*. Hamburg: Perthes and Besser.
- Rothman, K. J. 2002. *Epidemiology: An Introduction*. New York: Oxford University Press.
- Roy-MacAulay, C. 2014. "Sierra Leone Blasts WHO After Doctor Dies of Ebola." *Associated Press/Toronto Star*. September 15. Accessed May 8, 2015. http://www.thestar.com/news/world/2014/09/15/sierra_leone_blasts_who_after_doctor_dies_ofEbola.html.
- Rupke, N. A. 2000. Adolf Mühry (1810-1888): "Göttingen's Humboldtian Medical Geography. In, *Medical Geography in Historical Perspective (Medical History, Supplement No. 20)* edited by N. A. Rupke. London: Wellcome Trust. 86–97.
- Rush, B. 1794. *An Account of the Bilious Remitting Yellow Fever as It Appeared in the City of Philadelphia in the Year 1793*. T. Dobson.
- Russell, R. C. 1987. "Survival of Insects in the Wheel Bays of a Boeing 747B Aircraft on Flights between Tropical and Temperate Airports." *Bulletin, World Health Organization* 65: 659–662.
- Sack, K., S. Fink, P. Belluck, and A. Nossiter 2014. "Ebola's Deadly Escape." *New York Times*, December 30, D1-D8.
- Sapolsky, R. M. 2004. "Of Mice, Men, and Genes." *Natural History* (May): 21–31.
- Schurmann, N. 1999. "Critical GIS: Theorizing an Emerging Science." *Cartographica* 36 (4): monograph 53.
- Scott, W. 1824. *Report on the Epidemic Cholera as It Appeared in the Territories Subject to the Presidency of Fort St. George*. Madras, India: Asylum Press.

- Seaman, V. 1798. "Inquiry into the Cause of the Prevalence of Yellow Fever in New York." *Medical Repository* 1 (3): 314–332.
- . 1796a. *An Account of the Epidemic Yellow Fever, as It Appeared in the City of New York in the Year 1795*. New York: Hopkins, Webb, and Company.
- . 1796b. *An Account of the Epidemic Yellow Fever as It Appeared in the City of New York in the Year 1795*. In *A Collection of Papers on the Subject of Bilious Fevers*. Noah Webster, Ed. 1–52.
- Sedgwick, W. T. 1911. *Principles of Sanitary Science and the Public Health, with Special Reference to the Causation and Prevention of Infectious Diseases*. 4th ed. New York: MacMillan.
- Seiff, K. 2015. "Deep in the Jungle, Hunting for the Next Ebola Outbreak." *Washington Post*, March 19. Accessed June 2, 2015. http://www.washingtonpost.com/world/africa/deep-in-the-rain-forest-hunting-for-the-next-ebola-outbreak/2015/03/19/c1cba80e-b78c-11e4-bc30-a4e75503948a_story.html.
- Shalala, D. 1998. "Letter from the Secretary of Health and Human Services to Members of Congress." (February 26.)
- Shannon, G. W. 1981. "Disease Mapping and Early Theories of Yellow Fever." *Professional Geographer* 33 (2): 221–227.
- Shapin, S., and S. Schaffer. 1985. *Leviathan and the Air-Pump: Hobbes, Boyle, and the Experimental Life*. Princeton: Princeton University Press.
- Shapter, T. 1849. *The History of Cholera in 1832 in Exeter*. London: John Churchill; Exeter: Adam Holden. 2, 24, 44–45.
- Shapter, J. 1876. *Cholera Epidemics in East Africa*. London: MacMillan, 174, 457, 476.
- Shoaff, M. 2014. "Don't Freak Out at This Map on Infectious Diseases in the World. It's Good Stuff to Know." *Upworthy* December 11. Accessed July 26, 2015. <http://www.upworthy.com/dont-freak-out-at-this-map-on-infectious-diseases-in-the-world-its-good-stuff-to-know?c=aol1>.
- Smallman-Raynor, M., A. D. Cliff, and P. Haggett. 1992. *London International Atlas of AIDS*. Oxford: Blackwell Publishing.
- Snow, J. 1858. "Drainage and Water Supply in Connection with the Public Health." *Medical Times and Gazette*. February 13: 16–17; February 20: 223–224.
- . 1856. "Cholera and the Water Supply of the South Districts of London in 1854." *Journal of Public Health* 2: 239–257.
- . 1855a. "Dr. Snow's Report." In *Report of the Cholera Outbreak in the Parish of St. James, Westminster, During the Autumn of 1854*. London: Churchill. 97–120.
- . 1855b. "On the Comparative Mortality of Large Towns and Rural Districts, and the Causes by Which It Is Influenced." *Journal of Public Health, and Sanitary Review* 1: 16–24.
- . 1855c. *On the Mode of Communication of Cholera*, 2nd ed. London: Churchill. Reprinted in *Snow on Cholera: Being a Reprint of Two Papers by John Snow, M.D.*, edited by W. H. Frost, 1936. New York: The Commonwealth Fund.

- . 1854a. “Communication of Cholera by Thames Water” (letter). *Medical Times and Gazette* 9 (September 2): 247–248.
- . 1854b. “The Cholera Near Golden-Square and at Deptford.” *Medical Times* 9: 321–322.
- . 1851. “On the Mode of Propagation of Cholera.” *Medical Times and Gazette* 24: 559–562; 610–612.
- . 1849a. “On the Pathology and Mode of Transmission of Cholera.” *Medical Times and Gazette* 44 (November 2): 745–752.
- . 1849b. “On the Pathology and Mode of Transmission of Cholera.” *Medical Times and Gazette* 44 (November 30): 923–929.
- . 1849c. *On the Mode of Transmission of Cholera*. London: Churchill.
- . 1847. *On the Inhalation of the Vapour of Ether in Surgical Operations: Containing a Description of the Various Stages of Etherization and a Statement of the Result of Nearly Eighty Operations . . .* London: Churchill.
- Sontag, S. 1978. *Illness as Metaphor*. New York: Vintage Books.
- Spencer, F. J. 1969. “Woodworth’s Tome: A Biblio-Geographical Contribution to Medical History.” In *The Mapping of Disease: A Special Issue* edited by F. J. Spencer. *SLA Bulletin* 78: 2–8
- Spielman, A., and M. D’Antonio. 2001. *Mosquito: A Natural History of Our Most Persistent and Deadly Foe*. New York: Hyperion.
- Stamp, L. D. 1964. *Some Aspects of Medical Geography*. London: Oxford University Press. 163, 146.
- Stea, D., J. Blaut, and J. Stephens 1996. “Maps as a Cultural Universal.” *Geojournal Library* 32: 345–360.
- Stevenson, L. G. 1965. “Putting Disease on the Map: The Early Use of Spot Maps in the Study of Yellow Fever.” *Journal of the History of Medicine and Allied Sciences* 20: 226–261.
- Sui, D., and R. Morrill. 2004. “Computers and Geography: From Automated Geography to Digital Earth.” In Brunn, Cutter, and Harrington, editors. *Geography and Technology* edited by Brunn, Cutter, and Harrington, 81–108.
- Sutherland, W. 1865. [Parliamentary] *Report of the Sanitary Condition of MALTA and GOZO with Reference to the Epidemic Cholera in the Year 1865*. London: George E. Eyre and William Spottiswoode.
- Tan, D.H.S., R.E.G Upshur, and N. Ford. 2003. “Global Plagues and the Global Fund: Challenges in the Fight against HIV, TB, and Malaria.” *BMC International Health and Human Rights* 3.2. Accessed August 30, 2015. <http://www.biomedcentral.com/1472-698X/3/2>.
- Taylor, A. 2014. “Map: The Africa without Ebola,” *Washington Post*, November. 3. <http://www.washingtonpost.com/blogs/worldviews/wp/2014/11/03/map-the-africa-without-ebola/?hpid=z3>.
- Taylor, L. H. 1886. *First Annual Report, State Board of Health and Vital Statistics of Pennsylvania*. Harrisburg, PA. 176–195.
- Thomas, L. T. 1983. *The Youngest Science: Notes of a Medicine-Watcher*. New York: Viking Press.

- Thompson/Reuters. 2015. "Ebola: World Health Organization Admits Failings in Tackling Crisis." *CBC World News*. April 18. Accessed May 4, 2015. <http://www.cbc.ca/news/world/ebola-world-health-organization-admits-failings-in-tackling-crisis-1.3039864>.
- Tomalin, C. 2002. *Samuel Pepys: The Unequalled Self*. New York: Penguin Books.
- Toner, E., A. Adalja, and T. Inglesby. 2015. "A Primer on Ebola for Clinicians." *Disaster Medicine and Public Health Preparedness* 9 (1): 33–36.
- Tropical Medicine Central Resource. Burkitt's lymphoma. 2003. tmcr.usuhs.mil/tmcr/chapter41/clinical.htm
- Tufte, E. 1983. *The Visual Display of Quantitative Information*. Cheshire, CT.: Graphics Press.
- . 1997. *Visual Explanations: Images and Quantities, Evidence, and Narrative*. Cheshire, CT: Graphic Press. 27–37.
- Turner, S. 1991. "Social Construction and Social Theory." *Sociological Theory* 9 (1): 22–33.
- Twigg, G. 1984. *The Black Death: A Biological Reappraisal*. London: Batsford Academic and Educational Publishers. 186, 187.
- US Department of Health and Human Resources. 1997. *Atlas of the US. Mortality*. Washington, DC:: National Center for Health Statistics.
- Valenčius, C.B. 2000. "The Geography of Health and the Making of the American West: Arkansas and Missouri, 1800–1860. In *Medical Geography in Historical Perspective (Medical History, Supplement No. 20)* edited by N. A. Rupke. London: Wellcome Trust, 121–145.
- Vergano, D. 2000. "The Operation You Get Often Depends on Where You Are." *USA Today* (September 19): 1–2A.
- Vergheese, A. 1995. *My Own Country: A Doctor's Story*. New York: Vintage Books.
- Vergheese, A., S. L. Berk, and F. Sarubbi. 1989. "Urbs in Rure: Human Immunodeficiency Virus Infections in Rural Tennessee." *Journal of Infectious Diseases* 160 (6): 1051–1055.
- Vinten-Johansen, P., H. Brody, N. Paneth, S. Rachman, M. Rip, and D. Zuck. 2003. *Cholera, Choloroform, and the Science of Medicine: A Life of John Snow*. New York: Oxford University Press.
- Wackers, G. L. 1994. *Constructivist M-edicine*. Maastricht: Universitaire Pers Maastricht.
- Wakley, T. 1855. Editorial. *Lancet* 1: 635.
- Walden, M. M. 1991. "Spreading Stain." *Science* 29 (March): 1022.
- Wallace, D., and R. Wallace. 1998. *A Plague on Your Houses*. New York: Verso Press.
- . 1997. "Community Marginalization and the Diffusion of Disease and Disorder in the United States." *British Medical Journal* 314 (May): 1341–1345.
- . 1995. "US Apartheid and the Spread of AIDS to the Suburbs: A Multi-City Analysis of the Political Economy of Spatial Epidemic Threshold." *Social Science and Medicine* 41(3): 333–345.

- Wallace, R., D. Wallace, H. Andrews, R. Fullilove, and M. Fullilove. 1995. "The Spatiotemporal Dynamics of AIDS and TB in the New York Metropolitan Region from a Sociogeographic Perspective: Understanding the Linkages of Central City and Suburbs." *Environment and Planning A* (27): 1085–1108.
- Wallace, R., Y. Huang, P. Gould, and D. Wallace. 1997. "The Hierarchical Diffusion of AIDS and Violent Crime among US Metropolitan Regions: Inner-City Decay, Stochastic Resonance and Reversal of the Mortality Transition." *Social Science and Medicine* 44 (7): 935–947.
- Ward, R. D. 1897. "The Teaching of Climatology in Medical Schools." *Boston Medical and Surgical Journal* 136: 103–106.
- . 1908. *Climate: Considered Especially in Relation to Man*. New York: G. P. Putnam's Sons. 181.
- Weed, L. 1942. "John Tyndall and His Contribution to the Theory of Spontaneous Generation." *Annals of Medical History* 4 (1): 55–62.
- Weinstein, D., K. Green, J. Campbell, and M. Finney. 1997 (May). *Fire Growth Modeling in an Integrated GIS*. Accessed May 8, 2015. <http://www.esri.com/base/common/userconf/proc95/to100/p92.html>.
- Whitehead, H. 1855. Mr. Whitehead's report, In *Parish, St. James. Report of the Cholera Outbreak in the Parish of St. James, Westminster, During the Autumn of 1854*. London: Churchill. 120–167.
- WHO. 2014a. "Ebola Haemorrhagic Fever in Guinea." *Disease Outbreak News*. Accessed August 15, 2015. http://www.who.int/csr/don/2014_03_23_ebola/en/.
- WHO Ebola Response Team. 2014b. "Ebola Virus Disease in West Africa—The First 9 Months of the Epidemic and Forward Projections." *New England Journal of Medicine* 2014; 371:1481–1495.
- WHO. 2005. "Alert, Response, and Capacity Building under the International Health Regulations." *International Health Regulations*, 2nd ed. New York: World Health Organization. Accessed July 19, 2015. <http://www.who.int/ihr/procedures/pheic/en/>.
- Wilde, W. R. 1843. *Report Upon the Tables of Deaths, Part V. Special Sanitary Report on Dublin City: Part 4 of the Census of Ireland*, 68–75.
- Wilson, J. E. 1942. "An Early Baltimore Physician and His Medical Library." *Annals of Medical History* 4 (1): 63–80.
- Wilson, M. E. 1999. "Travel and the Emergence of Infectious Disease." *Emerging Infectious Diseases* 1 (2). www.cdc.gov/ncidod/eid/vol1no2/wilson.htm.
- Winterton, W. R. 1980. "The Soho Cholera Epidemic in 1854." *History of Medicine* 8 (2): 11–20.
- Wood, D. 2004a. *Five Billion Years of Global Change: A History of the Land*. New York: Guilford Press.
- . 2004b. "Cartography is Dead (Thank God!)." *Cartographic Perspectives* 45 (Spring): 4–7.
- . 2003. "Thinking About Maps as Propositions Instead of Pictures." NACIS Annual Meeting, Jacksonville, FL.
- . 1993a. "What Makes a Map a Map?" *Cartographica* 30 (2 and 3): 55–60.
- . 1993b. "The Fine Line between Mapping and Mapmaking." *Cartographica* 30 (4): 50–60.

- . 1992a. *The Power of Maps*. New York: Guilford Press.
- . 1992b. “How Maps Work.” *Cartographica* 29 (3 and 4): 66–74.
- Woodworth, J. M. 1875. *The Cholera Epidemic of 1873 in the United States*. House of Representatives. Washington, DC: Government Printing Office. 43d Cong. 2d Session, House Ex. Doc. No. 95.
- World Health Organization. 1996. “Fact Sheet N107.” Geneva: World Health Organization. www.who.int/mediacentre/factsheets.
- . 2000. *Weekly Epidemiological Record* 31 (75): 249–256.
- Wright, D. J., M. F. Goodchild, and J. D. Proctor. 1997. “Demystifying the Persistent Ambiguity of GIS as a ‘Tool’ Versus ‘Science.’” *Annals of the Association of American Geographers* 87 (2): 346–362.
- Yang, J. 2015. “Why Fighting Ebola Was Like the Movie *Jaws*.” *Toronto Star*, April 13. <http://www.thestar.com/news/world/2015/04/13/why-fighting-ebola-was-like-the-movie-jaws.html>.
- Yeo, E., and E. P. Thompson. 1971. *The Unknown Mayhew*. New York: Schocken Books.
- York, J. 1855. Mr. York’s Report. In *Report of the Cholera Outbreak in the Parish of St. James, Westminster, During the Autumn of 1854*. London: Churchill, 168–172.
- Young, J. 2014. “Ebola Crisis in West Africa: US, Canada, World Finally Responding.” *Toronto Star*, September 16. Accessed May 14, 2015. http://www.thestar.com/news/world/2014/09/16/rest_of_world_finally_responding_to_west_africa Ebola_crisis.html.
- Young, T. C., A. E. Richmond, and G. R. Brendish. 1926. “Sandflies and Sandfly Fever in the Peshwar District.” *Indian Journal of Medical Research* 13: 961–1021.
- Zeiler, M. 1999. *Modeling Our World: Esri Guide to Geodatabase Design*. Redlands, CA: Esri Press.

1800s, map of temperatures and barometric pressure, 184

1830s, surgeons in, 76

1840s, publishing revolution, 78

1843, *National Atlas*, 64

1844, *Transactions of the Royal Medical and Chirological Society*, 84

1845, *The Battle of the Sheets*, 80

1849, cholera in, 82–91

1850s to 1890s, mapmaking in, 196–200

1854, cholera outbreak in, 105–106, 115, 152, 295

1866, cholera in United States, 254–255

1870s, cholera in, 155–158, 176

1893, smallpox epidemic in Australia, 175

1918, influenza epidemic, 246, 296

1950s

medical advances in, 137

US military experts in, 228

1957, flu pandemic, 246

1970, influenza, 246–250

1977, perspective on cholera, 256

1980, pathways of 1980 US influenza epidemic, 244