

5.7: Chapter 5 References

- Alvarez, J. A., Garten, K. M., & Cook, D. G. (2021). Limb malformation in a foothill yellow-legged frog (*Rana boylii*) from Sonoma county, California. *Northwestern Naturalist*, 102(3), 258-260.
- Beck, D. D., Dohm, M. R., Garland, T., Ramírez-Bautista, A., & Lowe, C. H. (1995). Locomotor performance and activity energetics of helodermatid lizards. *Copeia*, 3, 575-585.
- Benson, K., Hartz, A. J. (2000). A Comparison of Observational Studies and Randomized, Controlled Trials. *The New England Journal of Medicine* 342:1878-1886
- Berger, R. L. (1990). Nazi science—the Dachau hypothermia experiments. *New England journal of medicine*, 322(20), 1435-1440.
- Bhatt A. (2010). Evolution of clinical research: a history before and beyond James Lind. *Perspectives in clinical research*, 1(1), 6–10.
- Binford, C. H. (1936). The history and study of leprosy in Hawaii. *Public Health Reports (1896-1970)*, 415-423.
- Blainey, P., Krzywinski, M., & Altman, N. (2014). Points of significance: replication. *Nature Methods* 11, 879–880.
- Bozkurt, B., Kamat, I., & Hotez, P. J. (2021). Myocarditis with COVID-19 mRNA vaccines. *Circulation*, 144(6), 471-484.
- Brandt, A. M. (1978). Racism and research: the case of the Tuskegee Syphilis Study. *Hastings center report*, 21-29.
- Bulova, S. J. (1994). Ecological correlates of population and individual variation in antipredator behavior of two species of desert lizards. *Copeia*, 980-992.
- Bumpus, H. C. 1898. Eleventh lecture. The elimination of the unfit as illustrated by the introduced sparrow, *Passer domesticus*. (A fourth contribution to the study of variation.) Biological Lectures: Woods Hole Marine Biological Laboratory, 209-225. (link to volume at [Google Books](#))
- Concato, J., Shah, N., Horwitz, R. I. (2000). Randomized, controlled trials, observational studies, and the hierarchy of research designs. *New England Journal of Medicine* 342:1887-1892
- Couper, M. P., & Miller, P. V. (2008). Web survey methods: Introduction. *Public Opinion Quarterly*, 72(5), 831-835.
- Cox, K. L., Puddey, I. B., Morton, A. R., Burke, V., Beilin, L. J., McAleer, M. (1996). Exercise and weight control in sedentary overweight men: effects on clinic and ambulatory blood pressure. *Journal of Hypertension* 14:779-790.
- Cumming, G., Fidler, F., & Vaux, D. L. (2007). Error bars in experimental biology. *The Journal of Cell Biology*, 177(1), 7-11.
- Darveau, C.-A., Hochachka, P. W., Welch, Jr., K. C., Roubik, D. W., Suarez, R. K. (2005). Allometric scaling of flight energetics in Panamanian orchid bees: a comparative phylogenetic approach. *Journal of Experimental Biology* 208:3581-3591
- Dawsey, S. P., Hollenbeck, A., Schatzkin, A., & Abnet, C. C. (2014). A prospective study of vitamin and mineral supplement use and the risk of upper gastrointestinal cancers. *PLoS One*, 9(2), e88774.
- Diez Roux, A. V. (2004). The study of group-level factors in epidemiology: rethinking variables, study designs, and analytical approaches. *Epidemiologic reviews*, 26(1), 104-111.
- Dohm, M. R., Garland Jr, T., Cole, C. J., & Townsend, C. R. (1998). Physiological variation and allometry in western whiptail lizards (*Cnemidophorus tigris*) from a transect across a persistent hybrid zone. *Copeia*, 1-13.
- Dohm, M. R., Richardson, C. S., & Garland Jr, T. (1994). Exercise physiology of wild and random-bred laboratory house mice and their reciprocal hybrids. *American Journal of Physiology-Regulatory, Integrative and Comparative Physiology*, 267(4), R1098-R1108.
- Doll, R. (1998). Uncovering the effects of smoking: historical perspective. *Statistical Methods in Medical Research* 7:87-117
- Earp, B. D. (2011). Can science tell us what's objectively true. *The New Collection*, 6(1), 1-9.
- Elwood, J. M. (2013). Commentary: On representativeness. *International Journal of Epidemiology* 42:1014-1015.
- Emanuel, E. J., Wendler, D., & Grady, C. (2000). What makes clinical research ethical? *Journal of the American Medical Association*, 283(20), 2701-2711.

- Fang, L., Karakiulakis, G., & Roth, M. (2020). Are patients with hypertension and diabetes mellitus at increased risk for COVID-19 infection?. *The Lancet. Respiratory Medicine*, 8(4), e21.
- Foster, K. A., Oster, C. G., Mayer, M. M., Avery, M. L., & Audus, K. L. (1998). Characterization of the A549 cell line as a type II pulmonary epithelial cell model for drug metabolism. *Experimental cell research*, 243(2), 359-366.
- Freedman, B. (1987). Equipoise and the ethics of clinical research. *The New England Journal of Medicine*, 317:141-145.
- Fritts, T. H., Rodda, G. H. (1998). The role of introduced species in the degradation of island ecosystems: A case history of Guam. *Annual Review of Ecology and Systematics* 29:113-140.
- Gabriella, R. (2012) Studying drugs in all the wrong people. *Scientific American Mind* 23:34-41.
- Goodman, M., LaKind, J. S., Fagliano, J. A., Lash, T. L., Wiemels, J. L., Winn, D. M., ... & Mattison, D. R. (2014). Cancer cluster investigations: review of the past and proposals for the future. *International journal of environmental research and public health*, 11(2), 1479-1499.
- Hodge, F. S. (2012). No meaningful apology for American Indian unethical research abuses. *Ethics & Behavior*, 22(6), 431-444.
- Holman, L., Head, M. L., Lanfear, R., & Jennions, M. D. (2015). Evidence of experimental bias in the life sciences: why we need blind data recording. *PLoS Biology*, 13(7), e1002190.
- Houle, D., Pélabon, C., Wagner, G. P., Hansen, T. F. (2011). Measurement and meaning in biology. *The Quarterly Review of Biology* 86:3-34
- Howard, D. H., Kenline, C., Lazarus, H. M., LeMaistre, C. F., Maziarz, R. T., McCarthy Jr, P. L., ... & Majhail, N. S. (2011). Abandonment of high-dose chemotherapy/hematopoietic cell transplants for breast cancer following negative trial results. *Health services research*, 46(6pt1), 1762-1777.
- Jennings, S., Reynolds, J. D., Mills, S. C. (1998). Life history correlates of responses to fisheries exploitation. *Proceedings of the Royal Society B: Biological Sciences* 265:333-339
- Johnston, R. F., Niles, D. M., & Rohwer, S. A. (1972). Hermon Bumpus and natural selection in the house sparrow *Passer domesticus*. *Evolution*, (26):20-31.
- Kaptchuk, T. J. (2003). Effect of interpretive bias on research evidence. *British Medical Journal*, 326(7404), 1453-1455.
- Kilkenny, C., Browne, W. J., Cuthill, I. C., Emerson, M., Altman, D. G. (2010). Improving bioscience research reporting: the ARRIVE guidelines for reporting animal research. *PLoS Biology* 8:e1000412
- Lariviere, W. R., Chesler, E. J., Mogil, J. S. (2001). Transgenic Studies of Pain and Analgesia: Mutation or Background Genotype? *Journal of Pharmacology and experimental therapeutics* 297:467-473
- Lazic, S. E. (2010). The problem of pseudoreplication in neuroscientific studies: is it affecting your analysis? *BMC Neuroscience* 11:5
- Losos, J. B., Creer, D. A., & Schulte II, J. A. (2002). Cautionary comments on the measurement of maximum locomotor capabilities. *Journal of Zoology*, 258(1), 57-61.
- Luz, R. K., Martínez-Álvarez, R. M., De Pedro, N., & Delgado, M. J. (2008). Growth, food intake regulation and metabolic adaptations in goldfish (*Carassius auratus*) exposed to different salinities. *Aquaculture*, 276(1-4), 171-178.
- Marshall, M., Ferguson, I. D., Lewis, P., Jaggi, P., Gagliardo, C., Collins, J. S., ... & Guzman-Cottrill, J. A. (2021). Symptomatic acute myocarditis in seven adolescents following Pfizer-BioNTech COVID-19 vaccination. *Pediatrics*, 2.
- McCambridge, J., Sorhaindo, A., Quirk, A., & Nanchahal, K. (2014). Patient preferences and performance bias in a weight loss trial with a usual care arm. *Patient education and counseling*, 95(2), 243-247.
- Meehl, P. E. (1970). Nuisance variables and the ex post facto design. In M. Radner & S. Winokur (Eds.), *Minnesota Studies in the philosophy of science: Vol. IV. Analyses of theories and methods of physics and psychology* (pp. 373-402). Minneapolis: University of Minnesota Press.
- Medical Research Council Investigation (1948). STREPTOMYCIN treatment of pulmonary tuberculosis. *British Medical Journal*, 2(4582), 769-782.
- Milham, S. (2004). A cluster of male breast cancer in office workers. *American Journal of Industrial Medicine* 46:86-87.

- Nelson, M. R., et al. (2008) The Population Reference Sample, POPRES: a resource for population, disease, and pharmacological genetics research. *American Journal of Human Genetics* 83:347-358
- Nethery, R. C., Yang, Y., Brown, A. J., & Dominici, F. (2020). A causal inference framework for cancer cluster investigations using publicly available data. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*, 183(3), 1253-1272.
- Nijhawan, L. P.; Janodia, M. D.; Muddukrishna, B. S.; Bhat, K. M.; Bairy, K. L.; Udupa, N. & Musmade, P. B. (2013) Informed consent: Issues and challenges. *Journal of Advanced Pharmaceutical Technology & Research* 4:134-140
- O'Leary, S. T., & Maldonado, Y. A. (2021). Myocarditis After SARS-CoV-2 Vaccination: True, True, and... Related?. *Pediatrics*, 148(3).
- Omar A. (2015) Selecting the appropriate study design for your research: Descriptive study designs. *Journal of Health Specialties* 3:153-156.
- Omar A. (2016) Selecting the appropriate study design: Case-control and cohort study designs. *Journal of Health Specialties* 4:37-41.
- Pannucci, C. J. & Wilkins, E. G. (2010) Identifying and avoiding bias in research. *Plastic and Reconstructive Surgery* 126, 619-625
- Pool, R. (1990). Is there an EMF-cancer connection? *Science*, 249(4973), 1096-1099.
- Reader, R. J. (1992). Herbivory as a confounding factor in an experiment measuring competition among plants. *Ecology* 73(1):373-376
- Roelcke, V. (2004). Nazi medicine and research on human beings. *The Lancet*, 364, 6-7.
- Rothman, K. J., Gallacher, J. E. J., Hatch, E. E. (2013). Why representativeness should be avoided. *International Journal of Epidemiology* 42:1012-1014.
- Rothwell, E., Brassil, D., Barton-Baxter, M., Brownley, K. A., Dickert, N. W., Ford, D. E., ... & Wilfond, B. S. (2021). Informed consent: Old and new challenges in the context of the COVID-19 pandemic. *Journal of Clinical and Translational Science*, 5(1).
- Scott, A. F. (1999). Malformed southern leopard frogs (*Rana sphenoccephala utricularius*). *Journal of the Tennessee Academy of Science*, 74(3-4), 61-63.
- Shuster, E. (1997). Fifty Years Later: The Significance of the Nuremberg Code. *The New England Journal of Medicine* 337: 1436-1440.**
- Sigmund, C. D. (2000). Viewpoint: Are studies in genetically altered mice out of control? *Arteriosclerosis, Thrombosis, and Vascular Biology* 20:1425-1429
- Simons, D. J. (2014). The value of direct replication. *Perspectives on psychological science*, 9(1), 76-80.
- Stephens, P. A., Buskirk, S. W., del Rio, C. M. (2006). Inference in ecology and evolution. *Trends in Ecology & Evolution* 22:192-197
- Stevens, S. S. (1946) On the Theory of Scales of Measurement. *Science* 103:677-680
- Suba, E. J. US-funded measurements of cervical cancer death rates in India: scientific and ethical concerns. *Indian Journal of Medical Ethics* 11:167-175.
- Temple, R. & Ellenberg, S. (2000) Placebo-controlled trials and active-control trials in the evaluation of new treatments. Part 1: ethical and scientific issues. *Annals of Internal Medicine* 133: 455-463
- Tension headache symptoms. Internet, cited 2016 Apr. 20. Retrieved from: <http://www.mayoclinic.org/diseases-conditions/tension-headache/basics/symptoms/con-20014295>
- Thomas, M., & Bomar, P. A. (2018). Upper Respiratory Tract Infection. In StatPearls Internet. StatPearls Publishing. At <https://www.ncbi.nlm.nih.gov/books/NBK532961/>
- Thompson, C. B., & Panacek, E. A. (2006). Research study designs: experimental and quasi-experimental. *Air medical journal*, 25(6), 242-246.
- Thompson, S. J., Auslander, W. F., White, N. H. (2001). Comparison of Single-Mother and Two-Parent Families on Metabolic Control of Children With Diabetes. *Diabetes Care* 24(2): 234-238.

- Tignanelli, C. J., Ingraham, N. E., Sparks, M. A., Reilkoff, R., Bezdicek, T., Benson, B., ... & Puskarich, M. A. (2020). Antihypertensive drugs and risk of COVID-19?. *The Lancet Respiratory Medicine*, 8:e30-e31.
- Treece, J. W. Jr (1990, retrieved January 9 2023). Daniel and the Classic Experimental Design. *Institute and Creation Research*, <https://www.icr.org/article/daniel-classic-experimental-design/>.
- Tyrer, S., & Heyman, B. (2016). Sampling in epidemiological research: issues, hazards and pitfalls. *BJ Psych Bulletin*, 40(2), 57-60.
- Valerio, M. A., Rodriguez, N., Winkler, P., Lopez, J., Dennison, M., Liang, Y., & Turner, B. J. (2016). Comparing two sampling methods to engage hard-to-reach communities in research priority setting. *BMC Medical Research Methodology*, 16(1), 146.
- Vaux, D. L., Fidler, F., & Cumming, G. (2012). Replicates and repeats—what is the difference and is it significant? A brief discussion of statistics and experimental design. *EMBO reports*, 13(4), 291-296.
- Wacholder, S., McLaughlin, J. K., Silverman, D. T., & Mandel, J. S. (1992). Selection of controls in case-control studies: I. Principles. *American journal of epidemiology*, 135(9), 1019-1028.
- Wacholder, S., Silverman, D. T., McLaughlin, J. K., & Mandel, J. S. (1992). Selection of controls in case-control studies: II. Types of controls. *American journal of epidemiology*, 135(9), 1029-1041.
- Wacholder, S., Silverman, D. T., McLaughlin, J. K., & Mandel, J. S. (1992). Selection of controls in case-control studies: III. Design options. *American journal of epidemiology*, 135(9), 1042-1050.
- Walker, G. (2009). Beyond distribution and proximity: exploring the multiple spatialities of environmental justice. *Antipode*, 41(4), 614-636.
- Wang, Y., Zhang, D., Du, G., Du, R., Zhao, J., Jin, Y., ... & Hu, Y. (2020). Remdesivir in adults with severe COVID-19: a randomised, double-blind, placebo-controlled, multicentre trial. *The Lancet*.
- Whitley, E., Ball, J. (2002). Statistics review 2: Samples and populations. *Critical Care* 6:43-48.
- Zeilinger, J., Steger-Hartmann, T., Maser, E., Goller, S., Vonk, R., & Länge, R. (2009). Effects of synthetic gestagens on fish reproduction. *Environmental toxicology and chemistry*, 28(12), 2663-2670.
- Zoorob, R., Sidani, M. A., Fremont, R. D., & Kihlberg, C. (2012). Antibiotic use in acute upper respiratory tract infections. *American family physician*, 86(9), 817-822.

This page titled [5.7: Chapter 5 References](#) is shared under a [CC BY-NC-SA 4.0](#) license and was authored, remixed, and/or curated by [Michael R Dohm](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.