

## Evidence-based Medicine & Science Communication Resources

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### Journals

- Kedrowicz A, Royal K. [A Comparison of Public Perceptions of Physicians and Veterinarians in the United States](#). *Vet Sci*. 2020 Apr 22;7(2):50. Available on [PubMed](#).
- McKenzie B. [Veterinary clinical decision-making: cognitive biases, external constraints, and strategies for improvement](#). *J Am Vet Med Assoc*. 2014 Feb 1;244(3):271-6. Available on [PubMed](#).
- Wakefield A. [MMR vaccination and autism](#). *Lancet*. 1999 Sep 11;354(9182):949-50.
- Wischniewski, M., Krämer, N. [The Role of Emotions and Identity-Protection Cognition When Processing \(Mis\)Information](#). *Technology, Mind, and Behavior*. 2021;2(1).
- Lee, J. J. [Party Polarization and Trust in Science: What about Democrats?](#) *Socius*, 2021;7.
- Pendergrast T, Jain S, et al. [Prevalence of Personal Attacks and Sexual Harassment of Physicians on Social Media](#). *JAMA Intern Med*. 2021 Apr 1;181(4):550-552.
- Nogrady B. ['I hope you die': how the COVID pandemic unleashed attacks on scientists](#). *Nature*. 2021 Oct;598(7880):250-253.
- Phadke V, Bednarczyk R, et al. [Association Between Vaccine Refusal and Vaccine-Preventable Diseases in the United States: A Review of Measles and Pertussis](#). *JAMA*. 2016 Mar 15;315(11):1149-58.
- Neely S, Eldredge C, et al. [Vaccine Hesitancy and Exposure to Misinformation: a Survey Analysis](#). *J Gen Intern Med*. 2022 Jan;37(1):179-187.
- McKenzie, BA. [Rational use of diagnostic and screening tests](#). *J Sm Anim Pract*. 2021;62(11):1016-21. Available on [PubMed](#).
- McKenzie, BA. [Overdiagnosis](#). *J Amer Vet Med Assoc*. 2016;249(8):884-889. Available on [PubMed](#).
- Nolen-Walston R, Ramey D, et al. [Evidence-based gastrointestinal medicine in horses: it's not about your gut instincts](#). *Vet Clin North Am Equine Pract*. 2007 Aug;23(2):243-266. Available on [PubMed](#).
- Schmidt, P. (Ed.). [Evidence-Based Veterinary Medicine: evolution, revolution, or repackaging of veterinary practice?](#) *Veterinary Clinics of North America: Small Animal Practice*. 2007 May;37(3):409-417. Available on [PubMed](#).

## Publications

- Shermer M. (1997) **Why People Believe Weird Things: Pseudo-Science, Superstition, and Bogus Notions of Our Time**. 306 pages. MJF Books.
- Novella S. (2012) **Your Deceptive Mind: A Scientific Guide to Critical Thinking Skills**. 230 pages. The Teaching Company.
- Kahneman D. (2013) **Thinking, Fast and Slow**. 499 pages. Farrar, Straus and Giroux.
- Howard J. (2018) **Cognitive Errors and Diagnostic Mistakes**. First Edition. 588 pages. Springer Cham.
- Kida T. (2006) **Don't Believe Everything You Think: The 6 Basic Mistakes We Make in Thinking**. 286 pages. Prometheus.
- Burton, R. (2008) **On Being Certain: Believing You're Right Even When You're Not**. New York, NY: St. Martin's Press.
- Carroll, RT. (2000) **Becoming a Critical Thinker - A Guide for the New Millennium**. Boston, MA: Pearson Custom Publishing.
- Gilovich, T. (1993) **How We Know What Isn't So: The Fallibility of Human Reason in Everyday Life**. New York, NY: The Free Press.
- Park, RL. (2001) **Voodoo Science: The Road from Foolishness to Fraud**. Boston, MA: Oxford University Press.
- Sagan, C. (1995) **The Demon-Haunted World: Science as a Candle in the Dark**. New York, NY: Random House.
- Tavis C. Aronson, E. (2008) **Mistakes Were Made (But Not by Me): Why we Justify Foolish Beliefs, Bad Decisions, and Hurtful Acts**. Boston, MA: Mariner Books.
- Burch, D. (2009) **Taking the Medicine: A Short History of Medicine's Beautiful Idea and Our Difficulty Swallowing It**. London, England: Chatto & Windus
- Cockcroft, P. Holmes, M. (2003) **Handbook of Evidence-Based Veterinary Medicine**. Oxford, UK: Blackwell.
- McKenzie, BA. (2019) **Placebos for Pets? The Truth about Alternative Medicine in Animals**. London, England: Ockham Publishing.
- Smith RD. (2006) **Veterinary clinical epidemiology**. 3rd ed. Boca Raton, FL: CRC/Taylor & Francis. 280 pgs.

## Websites

- **Gallup. Wellcome Global Monitor. 2018.**
- [3M. State of Science Index: 2020 Global Report](#)
- [Americans' Trust in Scientists, Other Groups Declines](#)

- [Thou Shalt Not Commit Logical Fallacies](#)
- [Spurious Correlations](#)
- [Correlation Between Autism and Organic Food Sales](#)
- [Anti-Government to Anti-Science: Why Conservatives Have Turned Against Science](#)
- [Americans' Politics and Science Issues](#)
- [Americans' Largely Positive Views of Childhood Vaccines Hold Steady](#)
- [The Disinformation Dozen. Center for Countering Digital Hate](#)
- [World Health Organization](#)
- [Confronting Health Misinformation](#)
- [what's the harm](#)
- [Tackling the declining uptake of childhood vaccinations](#)
- [Vaccination.](#)
- [Vaccine-preventable Deaths Analysis](#)
- [Trust in Health Information Sources Among American Adults](#)