

Resources: Trust and Trustworthiness in Public Health

Citation or Link	Annotated Description
1) Public Health Code of Ethics APHA, 2019	Developed with extensive input from public health practitioners and leaders the Code of Ethics is a set of professional standards and expectations intended for public health practitioners throughout the field.
Upcoming and Archived Webinars	
2) Navigating Infodemics and Building Trust during Public Health Emergencies: A Workshop April 10-11, 2023 register now!	2) Building on (3) below, the National Academies will host a workshop to plan and conduct a workshop to examine the history of public health infodemics, the impact of infodemics on trust in the public health enterprise, and tools and practices to address infodemics.
3) Building Trust In Public Health Emergency Preparedness and Response (PHEPR) Science on demand	3) On March 29-30, 2022, the National Academies of Sciences, Engineering, and Medicine hosted a workshop aimed at examining the roles of trust and trustworthiness in the public health emergency and response (PHEPR) science enterprise - the institutions, the research process, and the researchers and practitioners - across the continuum of pre-event, event, response, and mitigation. Proceedings of that workshop available here.
Toolkits, Action Guides & Forums	
IIINFORMATION ASSESSMENT	
4) T.R.A.A.P. assessment of information sources	4) The TRAAP Test (Timeliness, Relevance, Authority, Accuracy, Purpose) is an evaluation technique to determine the appropriateness of websites or other informational resources.
5) Misinformation Podcast with Professor Sandor Van der Linden Jan 2023	5) The Human Risk podcast explores the idea of human decision-making as a risk and how to mitigate risk.
HEALTH COMMUNICATION	
6) Becoming Better Messengers	6) Network for Public Health Law's resources and training video for clear health communication, particularly about public health interventions, programs, and laws.
7) Using Framing to Unlock Social Change – Changing the Conversation on Social Issues. Frameworks Institute.	7) Frameworks Institute's video trainings on how to frame public issues in ways conducive to receptiveness to change.

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8) Talking Health Debeaumont Foundation (2022) 9) BuildingTrust.org 10) Reframing Language Guide	8) Drawing on insights from the Frameworks Institute and Hattaway Communications, provides practical tools such as tested messaging, effective metaphors, appropriate use of anecdotes, and advice about introducing data to laypeople-- as well as strategies to avoid messaging that backfires. 9) An organization for clinical providers focusing on building trust in healthcare with diverse populations. 10) Guides that highlight less and more respectful language when speaking about and with different populations.
VACCINE PROMOTION	
11) Translating Vaccine Confidence Research into Practice Association of Immunization Managers (2022) 12) Resources to Promote COVID Vaccines to Children and Teens (CDC)	11) This presents findings from a related fall 2022 workshop as a video toolkit. 12) CDC toolkit of resources for talking to parents about COVID vaccine.
POLITICAL ACTION	
13) Advocating for Your Local Health Department 14) What is Public Health Authority? Act For Public Health 2023 15) Preserving Public Health Capacity by Protecting the Workforce and Authority APHA 2022	13) NACCHO - Policy & Advocacy "Advocating for your local health department. 14) An initiative of the Public Health Law Partnership that draws on relevant expertise to push back against legislative attempts to block public health officials' authority to do their job. 15) APHA policy #20228 addresses mistrust of public health authority during COVID-19 pandemic.
Scholarly Resources on Trust	
16) Millbank: 50 Years of Trust Research in Healthcare Synthetic Review (2023) L.A. Taylor, P. Nong, J Platt (2023) 17) Edelman Trust Barometer: Trust as a Social Determinant of Health	16) Comprehensive, critical literature review sponsored by the Millbank Fund. 17) Edelman is a global communications firm that focuses on trust in institutions and conducts extensive sector-specific surveying on trust annually, called the Edelman Trust

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18) Carter, J. A., & Simion, M. (2020) Internet Encyclopedia of Philosophy, "Ethics and Epistemology of Trust." 19) Hall, A., Camacho, F., Dugan, E., & Balkrishnan, R. (2002). Trust in the medical profession: conceptual and measurement issues. Health services research, 37(5), 1419-1439.	Barometer. In this 2022 report, it advocates recognizing trust as a social determinant of health. 18) This entry is divided into three sections: The Nature of Trust; The Normativity of Trust, and The Value of Trust. 19) This article addresses several conceptual and measurement issues on trust in healthcare. It emphasizes a definition of trust as: "willingness of a person to be vulnerable to another for a given set of tasks...."
20) Carter, J. A. (2021). Oxford Handbook of Social Epidemiology . Trust and its significance in social epistemology. 21) Kelp, C., & Simion, M. (2022). What is trustworthiness?, <i>Nous</i> 22) Naumova, E. N. (2023). Intellectual humility in public health training, research, and practice. <i>Journal of Public Health Policy</i>, 1-5.	20) This chapter critically discusses the significance of trust and its theoretical cognates – distrust, trustworthiness and dis-trustworthiness – in social epistemology. 21) This philosophical paper explores the relationship between trust and obligation. 22) Relationship between intellectual humility and trust in public health practice.
23) OECD Building Trust to Support Democracy (2021) 24) Brezzi, M., González, S., Nguyen, D., & Prats, M. (2021). An updated OECD framework on drivers of trust in public institutions. 25) O'Doherty, K. C. (2022). Trust, trustworthiness, and relationships: ontological reflections on public trust in science. <i>Journal of Responsible Innovation</i>, 1-22.	23) 2021 OECD report of survey-based drivers of trust in public institutions. 24) 2021 Open-access pdf describing the methodology of the OECD report on trust in public institutions. 25) Exploration of the ontology of trust. Argues for a relational, historical conception of trust.
26) Reardon, J., Lee, S. S. J., Goering, S., Fullerton, S. M., Cho, M. K., Panofsky, A., & Hammonds, E. M. (2023). Trustworthiness matters: Building equitable and ethical science. <i>Cell</i>. 27) Lee, LM et al. (2020) Public Health Code of Ethics: Deliberative Decision Making and Reflective Practice- <i>Am J Public Health</i> 110(4):489-491.	26) An exploration of relationships between trust, sound science, and equitable science. 27) Examines a decision-making framework to guide personnel through difficult choices and productive deliberation helpful in transparent effective and equitable public health action.

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Specific Interventions and Trust	
VACCINATION	
28) CDC's State of Vaccine Confidence Insights Report Nov. 2022	28) This CDC report addresses vaccine confidence across all vaccines, US and international, in wake of covid pandemic.
29) Sapienza, A., & Falcone, R. (2022). The Role of Trust in COVID-19 Vaccine Acceptance: Considerations from a Systematic Review . <i>International Journal of Environmental Research and Public Health</i> , 20(1), 665.	29) Review of literature on trust in covid vaccine acceptance.
30) A Shot At Normalcy: Building COVID-19 Vaccine Normalcy (2021) Trust for America's Health Nadine Gracia	30) Federal testimony of Dr. Garcia focusing on challenges of establishing vax normalcy for communities of color and Native American communities.
31) Olson, O., Berry, C., & Kumar, N. (2020). Addressing parental vaccine hesitancy towards childhood vaccines in the United States: a systematic literature review of communication interventions and strategies. <i>Vaccines</i> : 8(4), 590.	31) Systematic literature review that explores diverse reasons behind parental vaccine hesitancy.
32) A.E. Senger and H.P. Huynh, Intellectual Humility's Association with Vaccine Attitudes and Intentions , <i>Psychol Health Med</i> 2021 Oct;26(9):1053-1062.	32) Argues that intellectual humility of public health practitioners increases vaccine uptake.
33) COVID Vaccination: An Equitable Response APHA 2021	33) APHA fact sheet on vaccine equity for communities of color.
MASKING	
34) Jefferson, T., Dooley, L., Ferroni, E., Al-Ansary, L. A., van Driel, M. L., Bawazeer, G. A., ... & Conly, J. M. (2023). Physical interventions to interrupt or reduce the spread of respiratory viruses . <i>Cochrane database of systematic reviews</i> , (1).	34) Controversial Cochrane (evidence-based medicine review library) report finding marginal benefit to masking while acknowledging the confounding of low compliance in included studies, and finding that social costs of mask mandates have been underestimated.

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35) Yasmin Tayak, (2023). The New Fight Over Masks <i>Atlantic</i>, Feb 2023. 36) Lee, B.Y (2023.) Cochrane Says Review Does Not Show that “Facemasks Don’t Work” <i>Forbes</i>, March 2023.	35) <i>Atlantic</i> article on the Cochrane controversy. 36) <i>Forbes</i> reporting of Cochrane’s clarification of the controversial report in (1).
SOCIAL DISTANCING/LOCKDOWNS	
37) Besley, T., & Dray, S. (2022). Pandemic responsiveness: Evidence from social distancing and lockdown policy during covid-19. <i>PloS one</i>, 17(5), e0267611.	37) Uses U.S. smartphone data to track responsiveness to social distancing and lockdown policies in response to covid case rates.
The “Shadow Pandemic” and Trust	
38) Pugh, T., Harris, J., Jarnagin, K., Thiese, M. S., & Hegmann, K. T. (2022). Impacts of the Statewide COVID-19 Lockdown Interventions on Excess Mortality, Unemployment, and Employment Growth. <i>Journal of Occupational and Environmental Medicine</i>, 64(9), 726-730. 39) Kuhfeld, M., Soland, J., & Lewis, K. (2022). Test score patterns across three COVID-19-impacted school years. <i>Educational Researcher</i>, 51(7), 500-506.	38) Uses excess mortality data to argue that the benefit: cost ratio of lockdowns was negative, causing more mortality than saved primarily from stresses of unemployment. 39) Looks at American test score data to track major declines in reading and math across COVID years and increases in racial and socioeconomic disparities in learning. Argues that the losses exceeded those that occurred in the wake of major natural disasters.
40) Toccalino, D., et al. & COVID TBI-IPV Consortium. (2022). Addressing the shadow pandemic: COVID related impacts, barriers, needs, and priorities to health care and support for women survivors of intimate partner violence and brain injury. <i>Archives phys med & rehab</i>, 103(7), 1466-1476. 41) Guller, B., Yaylaci, F., & Eyuboglu, D. (2022). Those in the shadow of the pandemic: impacts of the COVID-19 outbreak on the mental health of children with neurodevelopmental disorders and	40) Uses Canadian data on intimate partner violence to argue that Covid increased IPV, including serious brain injury to IPV. 41) Reports on surveying of 300 children with neurodevelopmental disorders and their parents, describing major indicators of mental health duress as a result of the pandemic.

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their prents. <i>International Journal of Developmental Disabilities</i>, 68(6), 943-955. 42) Sarker, M. R., Sarkar, M. A. R., Alam, M. J., Begum, I. A., & Bhandari, H. (2023). Systems thinking on the gendered impacts of COVID-19 in Bangladesh: A systematic review. <i>Heliyon</i>. 43) Etienne, G. (2023). An Analysis of the COVID-19 Consequences on the Uncertainty Socio-economic Indicators of Sub-Saharan Africa. <i>Journal of Sustainable Business and Economics</i>, 6(1), 15-25.	42) The COVID-19 pandemic has disproportionately affected women and threatens to overturn four decades of progress in Sustainable Development Goal (SDG) 5: Gender Equality and Women's Empowerment.” This study examines many data indicators in Bangladesh to report disproportionate effect on women for many negative indicators of wellbeing associated with the pandemic. 43) Data from Johns Hopkins and the World Bank to analyze effects of the pandemic in sub-Saharan Africa. “<i>The startling results obtained in this study were the negative but statistically significant relationship between COVID-19 deaths and population density and the positive and statistically significant relationship between gross national income per capita and COVID-19 cases (both confirmed and deaths).</i>”
Other Evidence-Based Resources on Health Equity to Support Trust	
44) APHA Fact sheets on Health Equity (APHA) 45) Advancing Health Equity (APHA)	44) List of topical APHA fact sheets supporting health equity. 45) APHA fact sheet on advancing health equity.