

Resources & Links (Appendix C)

The resource list below includes links to articles and studies that may be useful in crafting safe arts practices during the time of the COVID-19 pandemic. These resources represent medical and environmental sciences, professional arts associations, and evidence of the inspiring cross-sector collaboration and response to the pandemic. This collective resource will be updated as new information emerges.

SOURCE | LINK

AUTHORS | PUBLISHER | CITATION

DATE

TYPE

[COVID-19 Dashboard by the Center for Systems Science and Engineering \(CSSE\) at Johns Hopkins University](#)

Dong E, Du H, Gardner L. An interactive web-based dashboard to track COVID-19 in real time. *Lancet Inf Dis.* 20(5):533-534. doi: 10.1016/S1473-3099(20)30120-1

In real time

Johns Hopkins
Web-based
dashboard

[New England Journal of Medicine, Coronavirus](#)

A collection of articles and other resources on the Coronavirus (Covid-19) outbreak, including clinical reports, management guidelines, and commentary.

Ongoing

NEJM content
related to
the Covid-19
pandemic is freely
available

[LitCovid - NCBI - NLM - NIH](#)

LitCovid is a unique web system for tracking the most recent publications and literature about the 2019 Coronavirus (2019-nCov, SARS-CoV-2, COVID-19) outbreak.

Ongoing

Literature tracking
system

[List N: Disinfectants for Use Against SARS-CoV-2 All products on this list meet EPA's criteria for use against SARS-CoV-2, the virus that causes COVID-19.](#)

United States Environmental Protection Agency

Last updated
August 27, 2020

Website

[Guidance on Preparing Workplaces for Covid-19](#)

U.S. Department of Labor Occupational Safety and Health Administration
OSHA 3990-03 2020

Retrieved August
28, 2020

gov publication



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[OSHA Covid-19 publications](#)

U.S. Department of Labor Occupational Safety and Health Administration

Retrieved August 28, 2020

.gov website

[Low-cost measurement of facemask efficacy for filtering expelled droplets during speech](#)

Emma Fischer, Martin Fischer, David Grass, Isaac Henrion, Warren Warren, Eric Westman. Science Advances 07 Aug 2020: DOI: 10.1126/sciadv.abd3083
[Raw movie files available](#)

August 7, 2020

Peer reviewed

[Indoor Air and COVID-19 Key References and Publications](#)

United States Environmental Protection Agency

Last updated August 4, 2020

.gov website

[Aerosol and Surface Distribution of Severe Acute Respiratory Syndrome Coronavirus 2 in Hospital Wards, Wuhan, China, 2020](#)

Guo, Z., Wang, Z., Zhang, S., Li, X., Li, L., Li, C....Chen, W. (2020). Aerosol and Surface Distribution of Severe Acute Respiratory Syndrome Coronavirus 2 in Hospital Wards, Wuhan, China, 2020. Emerging Infectious Diseases, 26(7), 1583-1591. <https://dx.doi.org/10.3201/eid2607.200885>

July 2020

Peer reviewed

[Dry Heat as a Decontamination Method for N95 Respirator Reuse](#)

Chamteut Oh, Elbashir Araud, Joseph V. Puthussery, et al. Environmental Science & Technology Letters
DOI: 10.1021/acs.estlett.0c00534

July 15, 2020

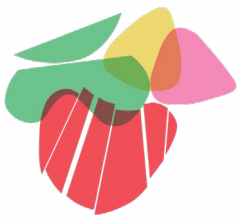
Peer reviewed

[Airborne transmission of SARS-CoV-2: The world should face the reality](#)

Lidia Morawska, Junji Cao
Environment International
Volume 139, June 2020, 105730

June 2020

Peer reviewed article



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Reducing transmission of SARS-CoV-2

Kimberly. A. Prather, Chia C. Wang,
Robert T. Schooley.
Science. 26 Jun 2020:
Vol. 368, Issue 6498, pp. 1422-1424
DOI: 10.1126/science.abc6197

June 26, 2020

Peer reviewed
journal

Challenges of "Return to Work" in an Ongoing
Pandemic

Mark Barnes, J.D., LL.M.,
Paul E. Sax, M.D.
DOI: 10.1056/NEJMsr2019953
New England Journal of Medicine

June 18, 2020

New England
Journal of
Medicine Special
report

Can a toilet promote virus transmission? From a
fluid dynamics perspective

Yun-yun Li, Ji-Xiang Wang, Xi Chen.
Physics of Fluids 32, 065107 (2020);
doi.org/10.1063/5.0013318

June 16, 2020

Peer reviewed

Transmission of COVID-19 virus by droplets and
aerosols: A critical review on the unresolved
dichotomy

Jayaweera, M., Perera, H., Gunawardana,
B., & Manatunge, J. (2020). Transmission
of COVID-19 virus by droplets and
aerosols: A critical review on the
unresolved dichotomy. Environmental
research, 188, 109819. [https://doi.
org/10.1016/j.envres.2020.109819](https://doi.org/10.1016/j.envres.2020.109819)

June 13, 2020

Critical review

Identifying airborne transmission as the
dominant route for the spread of COVID-19

Renyi Zhang, Yixin Li, Annie L. Zhang,
Yuan Wang, Mario J. Molina.
Proceedings of the National Academy
of Sciences Jun 2020, 202009637; DOI:
10.1073/pnas.2009637117

June 11, 2020

Peer reviewed

Wind Instrument Aerosol in Covid Era - COVID-19
and horns, trumpets, trombones, euphoniums,
tubas, recorders, flutes, oboes, clarinets,
saxophones and bassoons

Adam T Schwalje MD, DMA;
Henry T Hoffman MD

June 10, 2020

Article, U of Iowa
Health Care



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[Unprecedented International Coalition led by Performing Arts Organizations to Commission COVID-19 Study](#)

Lead investigator:
Shelly Miller, PhD, Professor, Mechanical Engineering, Environmental Engineering, University of Colorado Boulder Chairs, Mark Spede (CBDNA), James Weaver (NFHS), updated August 17, 2020

May 28, 2020

Article, Study Announcement

[How can airborne transmission of COVID-19 indoors be minimized?](#)

Morawska, L., et al
Environment International
<https://doi.org/10.1016/j.envint.2020.105832>

May 27, 2020

Correspondence

[Respiratory virus shedding in exhaled breath and efficacy of face masks](#)

Leung, N.H.L., Chu, D.K.W., Shiu, E.Y.C. et al. Respiratory virus shedding in exhaled breath and efficacy of face masks. Nat Med 26, 676–680 (2020). <https://doi.org/10.1038/s41591-020-0843-2>, 676–680 (2020).

Updated
May 27, 2020

Peer reviewed

[The CBDNA COVID-19 Response Committee Report](#)

College Band Directors National Association

May 21, 2020

Report, Advisory

[Droplets and Aerosols in the Transmission of SARS-CoV-2](#)

Matthew Meselson, Ph.D.
Harvard University
N Engl J Med 2020; 382:2063
DOI: 10.1056/NEJMc2009324

May 21, 2020

Letter to the editor

[Consideration of the Aerosol Transmission for COVID-19 and Public Health](#)

Elizabeth L. Anderson, Paul Turnham, John R. Griffin, Chester C. Clarke. (2020) Consideration of the Aerosol Transmission for COVID-19 and Public Health. Risk Analysis 40:5, 902-907.

May 20, 2020

Commentary



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[High COVID-19 Attack Rate Among Attendees at Events at a Church — Arkansas, March 2020](#)

Allison James, DVM, PhD; Lesli Eagle; Cassandra Phillips; D. Stephen Hedges, MPH; Cathie Bodenhamer; Robin Brown, MPAS, MPH; J. Gary Wheeler, MD; Hannah Kirking, MD

May 19, 2020

Report

[Is it safe for choirs to rehearse or perform during the COVID19 pandemic?](#)

Emory Voice Center, Brian Petty, CCC-SLP
[Full text](#)

May 13, 2020

Video, Emory Voice Center

[The airborne lifetime of small speech droplets and their potential importance in SARS-CoV-2 transmission](#)

Valentyn Stadnytskyi, Christina E. Bax, Adriaan Bax, Philip Anfinrud
Proceedings of the National Academy of Sciences May 2020, 202006874; DOI: 10.1073/pnas.2006874117
[Videos available](#)

May 13, 2020

Research report

[Aerosol Filtration Efficiency of Common Fabrics Used in Respiratory Cloth Masks](#)

Abhiteja Konda, Abhinav Prakash, Gregory A. Moss, Michael Schmoltdt, Gregory D. Grant, Supratik Guha, ACS Nano 2020, 14, 5, 6339–6347
Publication Date: April 24, 2020
<https://doi.org/10.1021/acsnano.0c03252>

April 24, 2020

Peer reviewed

[Masks and Coronavirus Disease 2019 \(COVID-19\)](#)

Desai AN, Aronoff DM. Masks and Coronavirus Disease 2019 (COVID-19). JAMA. 2020;323(20):2103. doi:10.1001/jama.2020.6437

April 17, 2020

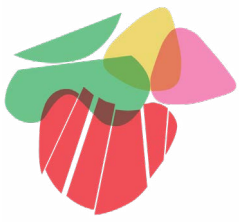
JAMA article

[Turbulent Gas Clouds and Respiratory Pathogen Emissions Potential Implications for Reducing Transmission of COVID-19](#)

Bourouiba L. Turbulent Gas Clouds and Respiratory Pathogen Emissions: Potential Implications for Reducing Transmission of COVID-19. JAMA. 2020;323(18):1837–1838. doi:10.1001/jama.2020.4756

March 26, 2020

Peer reviewed



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[Aerosol emission and superemission during human speech increase with voice loudness](#)

Asadi, S., Wexler, A.S., Cappa, C.D. et al.
Aerosol emission and superemission during human speech increase with voice loudness. Sci Rep 9, 2348 (2019).
<https://doi.org/10.1038/s41598-019-38808-z>

February 20, 2019

Peer reviewed

[A Sneeze](#)

Lydia Bourouiba, Ph.D.
MIT Fluid Dynamics of Disease
Transmission Laboratory, Cambridge, MA
lbouro@mit.edu
N Engl J Med 2016; 375:e15
DOI: 10.1056/NEJMicm1501197

August 25, 2016

Images, article

[Efficacy of Face Shields Against Cough Aerosol Droplets from a Cough Simulator](#)

William G. Lindsley, John D. Noti,
Francoise M. Blachere, Jonathan
V. Szalajda & Donald H. Beezhold
(2014) Efficacy of Face Shields Against
Cough Aerosol Droplets from a Cough
Simulator, Journal of Occupational and
Environmental Hygiene, 11:8, 509-518,
DOI: 10.1080/15459624.2013.877591

June 27, 2014

Images, article

[Coughing and Aerosols](#)

Julian W. Tang, F.R.C.Path.
Gary S. Settles, Ph.D.
Pennsylvania State University
N Engl J Med 2008; 359:e19
DOI: 10.1056/NEJMicm072576

October 9, 2008

Peer reviewed
article referenced
in Schwalje/
Hoffman paper