



Transformed by Digital CITATIONS
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Citations (books and films, listed by speaker)

Ethan Zuckerman Schudson, Michael	<i>Why Democracies Need an Unlovable Press</i>	2008
Clayton Wood Stephenson, Neal	<i>Snow Crash</i>	1992
Rich DeMillo Rubin, Aviel Anderson, Carol	<i>Brave New Ballot</i> <i>One Person, No Vote: How Voter Suppression Is Destroying Our Democracy</i>	2006 2019
Scott Ross Cameron, James (director) Fincher, David (director) Almreyda, Michael	<i>Terminator 2: Judgment Day</i> <i>The Curious Case of Benjamin Button</i> <i>Marjorie Prime</i>	1991 2008 2017
Benjamin de la Peña Meadows, Donella, et al. Brand, Stewart Brand, Stewart Gleick, James Allen, Douglas	<i>The Limits to Growth</i> <i>How Buildings Learn: What Happens after They're Built</i> <i>Clock of the Long Now: Time and Responsibility</i> <i>The Information: A History, a Theory, a Flood</i> <i>The Institutional Revolution: Measurement and the Economic Emergence of the Modern World</i>	1972 1994 1999 2011 2011
George Friedman Friedman, George Friedman, George Friedman, George Friedman, George Friedman, George Friedman, George Friedman, George, et al.	<i>The Storm before the Calm: America's Discord, the Coming Crisis of the 2020s, and the Triumph Beyond</i> <i>The New American Century: Crisis, Endurance, and the Future of the United States</i> <i>Flashpoints: The Emerging Crisis in Europe</i> <i>The Next Decade: What the World Will Look Like</i> <i>The Next 100 Years: A Forecast for the 21st Century</i> <i>America's Secret War: Inside the Hidden Worldwide Struggle between the United States and Its Enemies</i> <i>The Intelligence Edge: How to Profit in the Information Age</i>	2020 2020 2015 2011 2009 2004

Friedman, George	<i>The Future of War: Power, Technology and American World Dominance in the Twenty-First Century</i>	1996
Friedman, George	<i>The Coming War with Japan</i>	1991
Friedman, George	<i>The Political Philosophy of the Frankfurt School</i>	1981
Steve Glenn		
McKay, Chris (director)	<i>The Lego Batman Movie</i>	2017

Online Resources (by speaker, in order of appearance)

Ethan Zuckerman

- <https://www.media.mit.edu/people/ethanz/publications> — List of Zuckerman’s academic publications.
- <https://www.washingtonian.com/2019/05/05/what-happened-after-my-13-year-old-son-joined-the-alt-right/> — Anonymous article first appearing in the Washingtonian on May 5, 2019, entitled “What happened after my 13-year-old son joined the alt-right: A Washington family’s nightmare year.”
- <https://www.cjr.org/tag/fall-2019> — Full text of *Columbia Journalism Review’s* Fall 2019 issue, entitled “The disinformation Issue: True lies—What happens to journalism when facts aren’t enough,” which includes Zuckerman’s contribution, “Building a more honest Internet.”
- <https://knightcolumbia.org/content/the-case-for-digital-public-infrastructure> — Essay by Zuckerman, first published by Columbia University’s Knight First Amendment Institute on January 17, 2020, entitled “The case for digital public infrastructure.”
- <http://www.ethanzuckerman.com/blog/2018/05/30/six-or-seven-things-social-media-can-do-for-democracy> — Blog post by Zuckerman, first published on May 30, 2018, entitled “Six or seven things social media can do for democracy.”
- <https://www.reddit.com/r/science> — Reddit’s Science community is a forum for discussing new scientific research that requires citations links to peer-reviewed papers with every post.
- https://civilservant.io/moderation_experiment_r_science_rule_posting.html — Article by J. Nathan Matias, first appearing on CivilServant on October 8, 2016, entitled “Posting rules in science discussions prevents problems and increases participation.”
- <https://www.nytimes.com/2019/05/06/opinion/tax-facebook-google.html> — Opinion piece by Paul Romer, first appearing in the *New York Times* on May 6, 2019, entitled “A tax that could fix big tech.”
- <https://publicspaces.net> — Find out more about PublicSpaces: Internet for the common good, with a mission to advocate for “a new internet that strengthens the public domain.”
- <https://wt.social> — Jimmy Wales launched WT.Social’s WikiTribune as a platform to provide curated, fact-checked news on political, business, and economic matters.
- <https://solid.mit.edu> — Tim Berners-Lee’s Solid (social linked data) is “a proposed set of conventions and tools for building decentralized social applications based on Linked Data principles.”

Aditi Kumar

- <https://www.youtube.com/watch?v=Q2OKCH0gl7c> — Video first published by the Belfer Center on November 20, 2019, entitled “Digital currency wars: A national security crisis simulation.”
- <https://www.ft.com/content/f10e94cc-4d74-11ea-95a0-43d18ec715f5> — Article first published in the *Financial Times* on February 13, 2020, entitled “Patents reveal extent of China’s digital currency plans.”

Clayton Wood

- https://www.youtube.com/watch?v=UZ3D78L6_bQ — Video first published by Geek Wire on October 4, 2019, entitled “Pizza-making robot unveiled by secretive Seattle startup Picnic.”

Rich DeMillo

- https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3375755 — Abstract and access options for full text of DeMillo’s paper: Appel, A., et al. 2019. Ballot-marking devices (BMDs) cannot assure the will of the voters. *SSRN Electronic Journal* 3375755.
- <https://www.govinfo.gov/content/pkg/PLAW-107publ252/html/PLAW-107publ252.htm> — Full text of the Help America Vote Act of 2002, enacted on October 29, 2002, by the 107th U.S. Congress as Public Law 252.

- <https://www.technologyreview.com/s/406525/how-to-hack-an-election-in-one-minute> — Article by Daniel Turner first appearing in *MIT Technology Review* on September 18, 2006, entitled “How to hack an election in one minute.”
- <https://www.techworm.net/2018/05/top-five-biggest-data-breaches-of-2017.html> — Article by Payel Dutta first appearing on Techworm on September 14, 2018, entitled “Top five biggest data breaches of 2017.”
- <https://thehill.com/policy/cybersecurity/357323-georgia-election-server-wiped-days-after-lawsuit> — Article by Joe Uchill first appearing on The Hill on October 26, 2017, entitled “Georgia election server wiped days after lawsuit.”
- <https://www.justice.gov/storage/report.pdf> — Full text of “Report on the investigation into Russian interference in the 2016 election,” aka the Mueller Report.
- <https://www.washingtontimes.com/news/2019/aug/15/judge-rules-georgias-electronic-voting-system-ille> — Article by Stephen Dinan first appearing in the Washington Times on August 15, 2019, entitled “Judge rules Georgia’s electronic voting system dangerous to use in 2020.”
- <https://www.politico.com/news/2020/01/16/georgia-election-systems-could-have-been-hacked-before-2016-vote-100334> — Article by Kim Zetter first appearing on Politico on January 16, 2020, entitled “Georgia election systems could have been hacked before 2016 vote.”
- <https://www.politico.com/story/2019/03/28/georgia-voting-machines-safe-1241033> — Article by Eric Geller first appearing on Politico on March 28 2019, entitled “Georgia likely to plow ahead with buying insecure voting machines.”
- <https://constitutioncenter.org/media/files/constitution.pdf> — The *Constitution of the United States of America*, notably Article 1, Section 4.
- <https://www.hbo.com/documentaries/kill-chain-the-cyber-war-on-americas-elections> — Trailer, abstract, and access options for the documentary *Kill Chain: The Cyber War on America’s Elections*, which premieres March 26, 2020 on HBO.
- <https://www.bravenewfilms.org/suppressed> — Full film of the 2019 documentary *Suppressed: The Fight to Vote*, directed by Robert Greenwald.

Ryan Abbott

- <https://www.surrey.ac.uk/people/ryan-abbott> — List of Abbott’s academic publications (scroll down the page).
- <https://www.federalregister.gov/documents/2019/09/30/2019-21190/request-for-comments-on-patenting-artificial-intelligence-inventions> — Request for comments on “Patenting artificial intelligence,” effective between August 27 and November 8, 2019.
- <https://constitutioncenter.org/media/files/constitution.pdf> — The *Constitution of the United States of America*, notably Article 1, Section 8.
- <https://patents.justia.com/inventor/stephen-l-thaler> — List of patents granted to Stephen L. Thaler; note that this list does not (yet) include those for inventions by Dabus.
- <https://www.epo.org/news-issues/news/2019/20191220.html> — Press release by the European Patent Office first published on December 20, 2019, entitled “EPO refuses DABUS patent applications designating a machine inventor.”

Ginny Ruffner

- <http://ginnyruffner.com> — Ruffner’s website, including a gallery of her work. Tip: Explore the various galleries in “The Work” to tap into the breadth of her imagine and the depth of her craft.

Scott Ross

- <https://www.youtube.com/watch?v=TGbrFmPBV0Y> — Video published by SnoopDoggTV on April 17, 2012, entitled “Tupac hologram Snoop Dogg and Dr. Dre perform Coachella live 2012.”
- <https://www.youtube.com/watch?v=7eiWahgEnFg> — Video published by Eyellusion on Feb 3, 2017, entitled “Ronnie James Dio hologram rocks Pollster Awards.”
- <https://www.youtube.com/watch?v=xyeqgmqKg4> — Video published by Eyellusion on November 15, 2017, entitled “DIO Returns World Tour promo #1,” which emphasizes the increased production value relative to that of the early-2017 tour.
- <https://www.youtube.com/watch?v=LxQzjORD9Ek> — Video published by Lagzatzappateers on May 3, 2019, entitled “Apostrophe’ Live hologram—Bizarre World of Frank Zappa, 5/02/2019, Collingswood, NJ.”

- <https://www.rollingstone.com/music/music-live-reviews/frank-zappa-hologram-tour-review-827195> — Article by Kory Grow first appearing in *Rolling Stone* on April 25, 2019, entitled “Bizarre World of Frank Zappa’ hologram tour not so bizarre after all.”
- <https://www.youtube.com/watch?v=jDRTghGZ7XU> — Video published by Michael Jackson on May 19, 2014, entitled “Michael Jackson—Slave to the Rhythm.”

Karin Strauss

- <https://www.microsoft.com/en-us/research/people/kstrauss/publications> — List of Strauss’s academic publications.
- <https://www.nature.com/articles/nature11875> — Abstract and access options for Goldman, et al. 2013. Towards practical, high-capacity, low-maintenance information storage in synthesized DNA. *Nature* **494**:77–80.
- <https://onlinelibrary.wiley.com/doi/abs/10.1002/anie.201411378> — Abstract and access options for Grass, R.N., et al. 2015. Robust chemical preservation of digital information on DNA in silica with error-correcting codes. *Angewandte Chemie International Edition* **54**:2293.
- <https://homes.cs.washington.edu/~luisceze/publications/dnastorage-asplos16.pdf> — Full text of Strauss’s paper: Bornholt, J., et al. 2016. A DNA-based archival storage system. *Proceedings of the ASPLOS 2016*.
- <https://onlinelibrary.wiley.com/doi/abs/10.1002/adfm.201901672> — Abstract and access options for Strauss’s paper: Chen, W.D., et al. 2019. Combining data longevity with high storage capacity—Layer-by-layer DNA encapsulated in magnetic nanoparticles. *Advanced Functional Materials* **29**(28):1901672.
- <https://www.nature.com/articles/nbt.4079.epdf> — Full text of Strauss’s paper: Organick, L., et al. 2018. Random access in large-scale DNA data storage. *Nature Biotechnology* **36**(3):242–250.
- <https://www.nature.com/articles/s41598-019-41228-8> — Full text of Strauss’s paper: Takahashi, C.N., et al. 2019. Demonstration of end-to-end automation of DNA data storage. *Nature Scientific Reports* **9**:4998.
- <https://www.nature.com/articles/s41467-019-09517-y.epdf> — Full text of Strauss’s paper: Newman, S., et al. 2019. High density DNA data storage library via dehydration with digital microfluidic retrieval. *Nature Communications* **10**(1):1706.
- <https://mwillsey.com/papers/2019-asplos-puddle.pdf> — Full text of Strauss’s paper: Willsey, M., et al. 2019. Puddle: A dynamic, error-correcting, full-stack microfluidics platform. *Proceedings of the ASPLOS 2019*.
- <https://www.microsoft.com/en-us/research/uploads/prod/2018/08/dna24.pdf> — Full text of Strauss’s paper: Stewart, K., et al. 2018. A content-addressable DNA database with learned sequence encodings. *Proceedings of the 24th International Conference on DNA Computing and Molecular Programming*.

Francis McInerney

- <http://omnimesh.us> — OmniMesh has patented technology for blockchain over wireless devices.
- <https://patents.justia.com/patent/10430390> — Patent owned by OmniMesh Technology: Method and system for managing mutual distributed ledgers in a system of interconnected devices. Patent no. 10430390. Granted October 1, 2019. McCoy, J.R, W. Abrams, and B. Cavanagh, inventors.
- <https://patents.justia.com/patent/10439090> — Patent owned by Board of Trustees of Michigan State University: Transparent luminescent solar concentrators for integrated solar windows. Patent no. 10439090. Granted October 8, 2019. Lunt, R.R., and Y. Zhao, inventors.
- <http://www.6harmonics.com> — The firm 6Harmonics offers low-latency, wide-area, adaptive radio networks to satisfy needs for emergency relief/public safety, rural broadband, and drones/robotics.

Benjamin de la Peña

- <https://makeshiftmobility.substack.com> — De la Peña invites interested parties to subscribe to his newsletter, Makeshift Mobility, which tracks innovations in informal transportation.
- <https://twitter.com/CassieRobinson> — De la Peña finds great benefit in following Cassie Robinson on Twitter.
- <https://twitter.com/RachelColdicutt> — De la Peña finds great benefit in following Rachel Coldicutt on Twitter.
- <https://twitter.com/MorganHerlocker> — De la Peña finds great benefit in following Morgan Herlocker on Twitter.
- <https://twitter.com/kvnWebb> — De la Peña finds great benefit in following Kevin Webb on Twitter.

- <https://twitter.com/BiancaWylie> — De la Peña finds great benefit in following Bianca Wylie on Twitter.
- https://www.seattle.gov/Documents/Departments/SDOT/NewMobilityProgram/NewMobility_Playbook_9_2017.pdf — Full text of the Seattle Department of Transportation’s 2017 report entitled “The new mobility playbook.”
- https://seattleinfoinfra.net/wp-content/uploads/2019/11/SDOT-TIIP-Pages-web_compressed-1.pdf — Full text of the Seattle Department of Transportation’s 2019 (draft) report entitled “Seattle transportation information infrastructure plan.”
- http://www.donellameadows.org/wp-content/userfiles/Leverage_Points.pdf — Treatise by Donella Meadows, first published in 1999, entitled “Leverage points: Places to intervene in a system.”
- <https://www.kuow.org/stories/own-house-seattle-it-might-have-racist-past> — Article by Ann Dornfeld, first published in Seattle Public Radio KUOW in April 19, 2018, entitled “Own a house in Seattle? It might have a racist past.”
- <https://www.theguardian.com/society/2020/jan/13/racist-housing-policies-us-deadly-heatwaves-exposure-study> — Article by Nina Lakhani first appearing in *The Guardian* on January 13, 2020, entitled “‘Heat islands’: Racist housing policies in US linked to deadly heatwave exposure: Deadly ‘heat islands’ which have fewer green spaces and tree canopy linked to racist policies in urban neighborhoods, study finds.”
- <https://medium.com/fieldnotes-by-sam-rye/thanks-for-sharing-these-cassie-robinson-f4a4d4491e23> — Medium post by Sam Rye first appearing on December 27, 2018, entitled “Beyond human-centered design: Recognising the limitations of anthropocentrism.”
- https://www.youtube.com/watch?v=pEvB_ZIWtAg — Video posted by VUSschneider entitled “San Francisco—1906” that depicts street life before traffic controls or widespread auto usage.

Dominic Suci

- <https://graphgenomics.com> — Suci’s company Graph Genomics, which focuses on bioinformatics and machine learning.
- <https://graphgenomics.com/about/publications> — List of Suci’s publications.
- <https://www.youtube.com/watch?v=9PYKYjkqnGU> — Video first posted by Abacaba on February 28, 2020, entitled “Coronavirus update: Recoveries vs. deaths in each country.”
- <https://www.cdc.gov/westnile/resources/pdfs/wnvGuidelines.pdf> — Full text of the 2013 report by the Center for Disease Control and Prevention entitled “West Nile virus in the United States: Guidelines for surveillance, prevention, and control.”
- <https://www.nature.com/articles/s41586-020-2012-7> — Full text of Zhou, P., et al. 2020. A pneumonia outbreak associated with a new coronavirus of probable bat origin. *Nature* **579**:270–273.
- <https://bedford.io/blog/ncov-cryptic-transmission> — Blog post by Trevor Bedford, first published on March 2, 2020, entitled “Cryptic transmission of novel coronavirus revealed by genomic epidemiology.”
- <https://science.sciencemag.org/content/314/5807/1898> — Abstract and access options for Koelle, K., et al. 2006. Epochal evolution shapes the phylodynamics of interpandemic influenza A (H3N2) in humans. *Science* **314**:1898–1903.
- <https://science.sciencemag.org/content/362/6414/577.full> — Full text of Babayan, S.A., et al. 2018. Predicting reservoir hosts and arthropod vectors from evolutionary signatures in RNA virus genomes. *Science* **362**:577–580.
- <https://www.forbes.com/sites/matthewherper/2014/12/11/sewer-m-d/#3d633f33430a> — Article by Matthew Herper, first appearing in *Forbes* on December 19, 2014, entitled “How DNA sequencing in sewers could detect disease outbreaks.”
- <https://medium.com/@domsuci/implications-and-speculations-on-deep-minds-alpha-fold-3fe11acdd63d> — Suci’s essay, first posted on Medium on February 11, 2019, entitled “Implications and speculations on Deep Mind’s AlphaFold.”
- <https://www.modernatx.com> — Moderna is actively using mRNA in its effort to generate a COVID-19 vaccine.
- <https://www.who.int/emergencies/diseases/novel-coronavirus-2019> — Keep up to date with the World Health Organization’s views and recommendations regarding the COVID-19 outbreak.
- <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/summary.html> — Keep up to date with the Center for Disease Control and Prevention’s views and recommendations regarding the COVID-19 outbreak.
- <https://www.nature.com/articles/s41579-018-0118-9.pdf> — Full text of Cui, J., et al. 2019. Origin and evolution of pathogenic coronaviruses. *Nature Reviews Microbiology* **17**:181–192.

Peter Hansford

- <https://vbncomponents.se> — VBN Components has developed a suite of hybrid carbide–metal materials for additive manufacturing that the firm dubs Vibenite.
- <https://www.epma.com/epma-free-publications/product/introduction-to-additive-manufacturing-brochure> — Full text of *Introduction to Additive Manufacturing Technology: A Guide for Designers and Engineers*. 2019. EPMA.

Steve Glenn

- <https://www.plantprefab.com/models> — Explore and personalize architect-designed homes to be prefabricated by Plant Prefab and delivered to your building site for quick erection.