



Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID-19. The COVID-19 resource centre is hosted on Elsevier Connect, the company's public news and information website.

Elsevier hereby grants permission to make all its COVID-19-related research that is available on the COVID-19 resource centre - including this research content - immediately available in PubMed Central and other publicly funded repositories, such as the WHO COVID database with rights for unrestricted research re-use and analyses in any form or by any means with acknowledgement of the original source. These permissions are granted for free by Elsevier for as long as the COVID-19 resource centre remains active.



ELSEVIER

Contents lists available at ScienceDirect

## American Journal of Infection Control

journal homepage: [www.ajicjournal.org](http://www.ajicjournal.org)

## Major Article

## The role of facial contact in infection control: Renewed import in the age of coronavirus



Paul A. Christensen MD, Joseph R. Anton, Canivan R. Anton, Mary R. Schwartz MD, Rose C. Anton MD\*

Department of Pathology and Genomic Medicine, Houston Methodist Hospital, Houston, TX

## Key Words:

Hand-to-face contact  
Infection transmission  
Hand hygiene

**Background:** Decreasing facial contact takes on new urgency as society tries to stem the tide of COVID-19 spread. A better understanding of the pervasiveness of facial contact in social settings is required in order to then take steps to mitigate the action.

**Methods:** YouTube videos of random individuals were included in a behavioral observation study to document rates of contact to the eyes, nose, and mouth area. Factors including age, sex, the presence of eyewear or facial hair, distraction and fatigue were analyzed as possible contributing factors that increase likelihood of facial contact.

**Results:** The median rate of facial contact was 22 contacts per hour. Men had a significantly higher rate of facial contact compared to women. Age, glasses, and presence of facial hair were not contributing factors. The mouth was the most frequently observed site of contact. Fatigue and distraction may increase rates of facial contact.

**Conclusions:** Changing personal behavior is a simple and cost-effective action that can be employed to reduce one's risk of acquiring an infectious disease. This study indicates that there are societal differences that put some individuals at higher risk of contracting infectious disease than others.

© 2020 Association for Professionals in Infection Control and Epidemiology, Inc. Published by Elsevier Inc. All rights reserved.

## BACKGROUND

The ability of society to reduce or eliminate infectious diseases has been a major medical accomplishment over the past century. In 1900, the top 3 causes of death in the United States, and 4 of the top 10, were infectious diseases (influenza and/or pneumonia, tuberculosis, gastrointestinal infections, and diphtheria).<sup>1</sup> Today, demographics have shifted such that now the top causes of death in the United States are heart disease and cancer while only 1 of the top 10 is infection-related (pneumonia and/or influenza, ninth).<sup>1</sup> Much of this change can be attributed to advancements in research, medical diagnostics, and treatment. While these efforts have been costly, the savings recuperated by the improvement in morbidity and mortality, as well as decreased number of work- and education-related sick days are immeasurable.

Although improvements in societal health have been largely driven by government and the private sector, not all measures

employed over the past century to reduce communicable disease have come from public or private entities. Individuals have voluntarily altered personal behavior and adopted simple and relatively cost-effective strategies to reduce infection and transmission rates, including increased hand washing with soap and water, use of alcohol-based hand sanitizers, and participation in annual vaccination programs. More recently, self-initiated alterations in personal behavior such as social distancing, reduction in travel, and use of facial coverings have been employed in response to COVID-19.

Public health officials have stressed the importance of hand washing and not touching one's face as effective steps to reduce an individual's risk of infection with COVID-19. Good hand hygiene has long been recognized as an effective measure to counteract spread of infectious disease.<sup>2,3</sup> The addition of behavior-altering techniques to decrease facial contact obviates a portal of entry for an organism, as many infections originate through contact of the mucous membranes of the mouth, nose, or eyes<sup>4</sup>; however, a better understanding of the pervasiveness of facial contact in society is first required in order to then take steps to mitigate the action.

The information gleaned from recognizing what constitutes normal or habitual facial contact affords individuals the opportunity to employ behavior modification to change their actions and reduce the

\* Address correspondence to Rose C. Anton, MD, Department of Pathology and Genomic Medicine, Houston Methodist Hospital, 6565 Fannin St, Main Building, Suite 227, Houston, TX 77030.

E-mail address: [ranton@houstonmethodist.org](mailto:ranton@houstonmethodist.org) (R.C. Anton).

Conflicts of interest: None to report.

risk of self-inoculation. Currently, such data is lacking, in large part because it is difficult to track and observe people in their daily life. Two previous studies have reported on rates of facial contact (ROC), or how often an individual touches their face with their hands. A study of 26 medical students who were monitored while attending 2 lectures showed that 23 times per hour the students made facial contact, 44% of which was with mucous membranes.<sup>5</sup> In a second study, 10 students who volunteered to sit in an office-like setting demonstrated a rate of facial contact of 15.7 times in 1 hour.<sup>6</sup> However, a major limitation of both studies is that the students knew prior to their participation that the studies involved behavioral observations, thereby allowing for the potential of behavior modification during their observation. Another limitation of these studies is their potential lack of broader applicability, as students who may be bored or distracted in a lecture or behavioral study may not be representative of the larger population. Further, these studies do not account for possible variation in rates among different individuals.

Because identification of any trends in society has the potential to reduce one's risk of self-inoculation through subsequent behavior modification, this study aimed to assess differences in rates of facial contact among various population subsets. To some degree, every person is influenced by an urge to make facial contact. For some people, the stimulus for habitual facial contact is stronger than for other people and can be influenced by socioeconomic or psychological factors. To gain insight into possible motives that might initiate facial contact, we investigated the effect of facial hair or eyewear as instigating factors that increase the probability of facial contact. Additionally, we assessed whether facial contact increased during times when individuals were tired or distracted. We report the effects of variants including age, sex, presence of eyewear, facial hair (beard and/or moustache), distraction or fatigue on rates of facial contact (ROC) or with eyes (ROCe), nose (ROCn), or mouth (ROCM) only. The data for this study was collected from YouTube videos of people from different demographic backgrounds, which contain a wealth of information regarding normal human social interactions and behavior and allow for observation of individuals in their normal course of daily life. Human social interaction is pervasive in society and its analysis provides information reflective of most of the world's population.

## METHODS

### *Individual selection*

YouTube videos from 100 people were observed, with an effort made to include people of different racial, ethnic, religious, and socioeconomic backgrounds.<sup>7-289</sup> The videos were categorized into 10 groups: (1) younger men with facial hair ( $n = 10$ ), (2) younger men with eyewear ( $n = 10$ ), (3) younger men without facial hair or eyewear ( $n = 10$ ), (4) older men with facial hair ( $n = 10$ ), (5) older men with eyewear ( $n = 10$ ), (6) older men without facial hair or eyewear ( $n = 10$ ), (7) younger women with eyewear ( $n = 10$ ), (8) younger women without eyewear ( $n = 10$ ), (9) older women with eyewear ( $n = 10$ ), and (10) older women without eyewear ( $n = 10$ ). The individuals therefore were comprised of 60 men and 40 women, for a total of 100 individuals. The occupation, level of education, and age for each individual at the time the video was recorded and verified.<sup>290-411</sup> Younger people were defined as persons under 50 years of age, and older people were defined as persons 50 years of age and older. Children were not considered for this study. To determine the person's age classification, the date of publication of the video as stated on the YouTube page was used, unless the publisher provided a different date of recording either in the title of the video, embedded in the introduction of the video, or provided in the accompanying supplemental information beneath the video. If an individual was younger than 50 at the time of publication, this was sufficient to

verify categorization into the younger age group. If the individual was older than 50 at the time of publication, then other data was used, such as the date of recording as stated on the YouTube page, the date of the conference that the individual was attending, the stated age of the individual during the recording, or historical reference made during the recording to verify that the individual was older than 50 years of age during the recording.

### *Data collection*

All videos were observed by 2 authors (JA/RA or CA/RA) and both were required to concur that there was facial contact for an incident to be documented. Incidents that were equivocal or in which no consensus was obtained were not recorded. All videos were observed muted to avoid distraction. Because the eyes, nose, and mouth are portals of entry for an infection into the human body, contact only with these areas was recorded. Facial contact was defined as either direct contact with the mucous membranes or any contact within 1 inch of these anatomic structures as even proximity to orifices increases risk by facilitating organism entry. After facial contact, withdrawal of the hand or finger followed by a separate motion toward the face constituted a separate contact. A single motion could result in contact with more than 1 anatomic structure. For example, if an individual covered their mouth and nose when they coughed, this was recorded as a single contact of both the mouth and nose. In order to obtain additional data and minimize unknown inconspicuous factors (eg, illness or stress) resulting in artificially high scores within a single observation, individuals were observed on 2 different videos and 2 separate encounters with their data were then averaged into a single score. Because longer videos provided more meaningful data, all videos analyzed were a minimum of 30 minutes in length. Videos of approximately 60-minute duration were preferred for evaluation (see Measurement section below). The length of each video was recorded and the time an individual was off-camera was calculated and subtracted from the total length of the video to determine individual's facetime (FT). The time from zero at which each contact occurred was also recorded. Finally, all individuals were evaluated in a casual setting, defined as the subject being engaged in casual conversation with at least one other individual. This could occur in a variety of locations (indoor, outdoor, stage, sound studio, home, office, etc) but always with an individual sitting and in conversation with at least one other person. Examples of a casual setting included someone sitting on their couch at home talking with several other individuals, sitting on a stage and engaged in a question and answer session either alone or within a panel of other individuals, participating in a radio talk show, sitting in an office being interviewed by another individual, or participating in a podcast with several other individuals. If available, the same individuals were also evaluated in a formal setting, defined as subjects standing alone on a stage or platform, speaking or lecturing to an audience. In contrast to the casual settings, where individuals may be more passively involved in a conversation, individuals in formal settings were the sole source of dissemination of information to a group of people and therefore actively engaged and focused in their thoughts and actions. Any additional observations, such as if subjects appeared bored or distracted (checking their watch, checking their phone, etc), were recorded.

### *Measurement*

All 100 individuals had data collected from the casual setting. However, the FTs, or the amount of time individuals were recorded on camera, were of different lengths for each individual. For instance, comparing the ROC for an individual with 40 minutes FT with another individual with 80 minutes of FT would not be accurate. Therefore, conversions were obtained to compare individuals across data sets by

converting each individual's score into a 60-minute scale to determine their ROC, ROCE, ROCm, and ROCn as follows:

$$\text{number of total facial contacts made (or eyes, nose, or mouth only)} \\ \text{individual facetime (min)} \\ = \frac{\text{ROC(or e, n, m, respectively)}}{60}$$

An individual's final score was the average of their 2 evaluations. Then, if the individual also was observed in a formal setting, the above was repeated to determine their ROC in a formal setting.

Finally, the length of each video was divided in half. The number of times facial contact occurred in the second half of the setting was divided by the total number of facial contacts to determine the percent that occurred in the second half. The final percent that occurred in the second half was the average of the 2 casual settings if contact was observed in both videos. If there was no contact in 1 of the 2 videos, the percent was that noted in the single video.

### Statistical analyses

Tests for normality were performed using the D'Agostino-Pearson test. Because the distribution of FT frequencies was not normal, non-parametric statistical tests were used. Statistical differences in FT frequencies for subject characteristics (age, sex, glasses, and facial hair) were analyzed using the Mann-Whitney test. Statistical differences in FT frequencies for paired events (fatigue and casual vs formal) were analyzed using the Wilcoxon signed-rank test using matched pairs. Statistical differences in site of FT (eyes, nose, mouth) were analyzed using the Friedman test followed by Dunn's multiple comparisons test. A *P* value of <.05 was considered significant for all analyses. Data distributions were calculated as the median ± 25%-75% interquartile ranges. All analyses were completed using GraphPad Prism 8 (v 8.4.2)

## RESULTS

ROC data are provided in Supplementary Tables 1-4. Subjects ranged in age from second decade of life to octogenarian, with 94% completing secondary school and 70% earning a postsecondary degree.

A total of 284 videos were reviewed with a total time of 15,561 minutes. The videos ranged from 30 to 140 minutes in length with an average of 55 minutes for all videos.

Table 1 shows the summarized ROC results. The median ROC in the casual setting for all 100 individuals was 22 per hour (interquartile range: 9-39), with an individual range from 0.5 to 228. Males had a significantly higher ROC compared to females (*P* = .0184). Age (under 50 vs over 50), glasses, and facial hair were not contributing factors to overall ROC. Glasses were not a contributing factor to eye ROC, and facial hair was not a contributing factor to nose ROC or mouth ROC. The mouth ROC was significantly higher than the nose ROC (*P* = .0004) and eyes ROC (*P* = .0063).

### Demographic comparisons

The highest ROCs were concentrated among men under 50 years of age; this group contained 7 of the 10 highest total ROC. Of the 10 highest scores, 9 occurred in men, and 8 of the 10 highest scores occurred in people under 50 years of age.

### Casual vs formal setting

Paired ROC rates are summarized in Table 1. Supplementary Tables 5 and 6 show differences in individual ROCs in casual and formal encounters. Of the 40 individuals, 28 (70%) demonstrated a

**Table 1**  
Rate of facial contact among subjects

Characteristic	n	Median ROC per hour (IQR)	<i>P</i> value
Age, years			
<50	50	26 (8-46)	.1835
≥50	50	18 (10-32)	
Sex			
Female	40	13 (6-30)	.0184
Male	60	26 (13-44)	
Glasses, ROC			
Yes	40	24 (8-41)	.7996
No	60	20 (11-38)	
Glasses, ROCE			
Yes	40	5 (2-9)	.8238
No	60	5 (2-9)	
Facial hair, ROC			
Yes	20	24 (14-48)	.7885
No	40	26 (12-44)	
Facial hair, ROCn			
Yes	20	6 (3-15)	.4427
No	40	6 (2-14)	
Facial hair, ROCm			
Yes	20	13 (8-24)	.5619
No	40	10 (2-28)	
Fatigue			
1 <sup>st</sup> half	100	10 (4-18)	.0138
2 <sup>nd</sup> half	100	12 (5-21)	
Total ROC	100	21 (9-39)	.0002*
ROCE		5 (2-9)	>.9999 <sup>†</sup>
ROCN		6 (2-12)	.0004 <sup>‡</sup>
ROCM		9 (2-22)	.0063 <sup>§</sup>
Total ROC			
Casual setting	40	15 (5-33)	<.0001
Formal setting	40	6 (4-17)	
ROCE			
Casual setting	40	4 (2-7)	.0001
Formal setting	40	2 (1-4)	
ROCN			
Casual setting	40	3 (1-8)	.0225
Formal setting	40	3 (1-5)	
ROCM			
Casual setting	40	8 (1-14)	<.0001
Formal setting	40	2 (1-7)	

Note. Values include median and 25%-75% interquartile range (IQR). IQR, interquartile range; ROC, rate of facial contact; ROCE, rate of eye contact; ROCm, rate of mouth contact; ROCn, rate of nose contact.

\*Friedman test followed by Dunn's post-test adjustment for multiple comparisons.

<sup>†</sup>This value reflects a comparison of ROCE vs ROCn.

<sup>‡</sup>This value reflects a comparison of ROCn vs ROCm.

<sup>§</sup>This value reflects a comparison of ROCE vs ROCm.

decrease in their ROC in formal settings, 8 (20%) showed an increase, and 4 (10%) remained the same.

## DISCUSSION

The use of mathematical modeling has been used to indicate how a disease will progress through a community to allow governments and public health experts to take additional steps to mitigate transmission by closing institutions such as schools and businesses, enact quarantine measures, and initiate contact tracing and tracking. However, an interesting dynamic occurs between human behavior and disease progression. Individuals have been known to change behavior when there is a perceived risk, notably smoking cessation to decrease risk of lung cancer. Although mathematical models may contain some degree of human behavioral variation, they may not fully account for the potential for individuals to adapt their behavior to mitigate risk of exposure after receiving warnings from social media, and web-based or local news sources. For example, data has demonstrated that individuals alter their behavior when there is a perceived risk of infection.<sup>412,413</sup> Identifying if certain subsets of

society are more at risk of facial contact and the subsequent likelihood of self-inoculation may provide actionable data to stimulate behavior modification.

The results of this study indicate that there is a wide variation in the rate of facial contact, ranging from less than 1 contact up to 228 contacts in 1 hour. One significant finding was that men demonstrated higher rates of contact than women ( $P = .0184$ ). The presence of eyewear or facial hair were not contributing factors stimulating facial contact. A limitation of this study became evident when people would adjust the rim of their glasses. Facial contact was recorded only in instances of unequivocal contact; however, there were times this could not be ascertained owing to video angles. For instance, 1 individual had contact with the rim of the glasses 74 times in 59 minutes that were not included in the ROC because it was not possible to discern if there was also contact with the eye area at that time, which would have markedly increased the ROC to the eye area. Wearing eyeglasses may be an aggravating factor in some individuals. The mouth was the most frequent site of contact and this achieved statistical significance ( $P = .0002$ ). Interestingly, the second highest number of contacts in 1 minute (12) was observed in a physician, indicating how difficult it is to control habitual facial contact even among the most educated.

Another finding was a significant decrease in facial contact when an individual transitioned from a casual, conversation-type setting into a formal, lecture-type setting ( $P < .0001$ ). Not only did contact rates drop for most people, but in many cases it was a precipitous decline. One reason may be attributed to mechanics: in the sitting position, the hands are in closer proximity to the face and can encourage more habitual facial contact. But another more intriguing possibility is that people, consciously or unconsciously, alter their personal behavior when they are in different social settings. When an individual is giving a lecture or speech, where they represent the sole person responsible for dissemination of information, they are more focused in their task, as compared to when they are more passively involved in a collaborative group with an exchange of ideas. An indirect finding to support this would be the observation that during viewing of subjects in a casual setting, there were numerous examples of people being distracted or disengaged during their conversation, such as yawning, stretching, checking their watches, picking dust off a desk, playing with their fingernails, or checking their phones. These actions did not occur in the formal setting. Additionally, facial contact occurred more frequently toward the end of an individual's interaction ( $P = .0138$ ), indicating fatigue may play a role in increasing the likelihood of facial contact. These findings suggest that higher ROCs occur when an individual is less focused in their actions. It also indicates that people knowingly or unknowingly are already employing behavior modification techniques during their course of daily human social interactions, with a reduction in rates of facial contact when one is more focused in their actions.

Another limitation of this study was that the 2 evaluators of the videos were not blinded to the other's findings. It is possible that 1 author could have held firmer in their opinions and was more of an influence on the other. Videos were viewed simultaneously because of the innumerable times when contact was equivocal, necessitating pausing, enhancing and repeated viewing to determine if contact occurred. An additional limitation could potentially occur in the subjective determination of proximity of facial contact to the eye, nose, or mouth area (defined as within 1 inch). Finally, individuals may alter their behavior during the recording of YouTube videos. However, unlike a formal behavioral observational study, the individuals in this study were not informed ahead of time that their behavior would be evaluated for a study, thus limiting potential behavior modification. Alteration of behavior because of known recording in general cannot be discounted.

## CONCLUSIONS

Changing personal behavior is a simple and cost-effective action that can be employed to reduce one's risk of acquiring an infectious disease. This study indicates that facial contact is exacerbated by fatigue and distraction, which may place some individuals at higher risk. The potential to modify behavior to mitigate susceptibility is now clinically relevant.

## SUPPLEMENTARY MATERIALS

Supplementary material associated with this article can be found in the online version at <https://doi.org/10.1016/j.ajic.2020.10.017>.

## References

- Jones DS, Podolsky SH, Greene JA. The burden of disease and the changing task of medicine. *N Engl J Med*. 2012;366:2333–2338.
- Tan SY, Brown J, Ignac philipp semmelweis (1818-1865): handwashing saves lives. *Singapore Med J*. 2006;47:6–7.
- Aiello AE, Coulborn RM, Perez V, Larson EL. Effect of hand hygiene on infectious disease risk in the community setting: a meta-analysis. *Am J Public Health*. 2008;98:1372–1381.
- Hendley JO, Wenzel RP, Gwaltney Jr JM. Transmission of rhinovirus colds by self-inoculation. *N Engl J Med*. 1973;288:1361–1364.
- Kwok YL, Gralton J, McLaws ML. Face touching: a frequent habit that has implications for hand hygiene. *Am J Infect Control*. 2015;43:112–114.
- Nicas M, Best D. A study quantifying the hand-to-face contact rate and its potential application to predicting respiratory tract infection. *J Occup Environ Hyg*. 2008;5:347–352.
- The ECC Association. Keynote – Frank Abagnale – 2011 [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=tY6tEPkh9-A&t=2s>. Accessed June 10, 2020.
- Talks at Google. Catch Me If You Can | Frank Abagnale | Talks at Google [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=vsMydMDi3rl>. Accessed June 10, 2020.
- Prairie Public. Prairie Pulse: Frank Abagnale [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=O9NuMRF-8L0>. Accessed June 10, 2020.
- Iowa PBS. Frank Abagnale Interview [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=vULkpDwA0D0>. Accessed June 10, 2020.
- Directors Guild of America. Star wars: the Force Awakens DGA Q&A with JJ. Abrams and Lawrence Kasdan [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=VlrfnT5KNGc&t=7s>. Accessed May 1, 2020.
- Manufacturing Intellect. JJ Abrams and composer Michael Giacchino in conversation and Q&A (2011) [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=RvQOQ1Xp8U&t=4s>. Accessed May 1, 2020.
- University of California Television (UCTV). An evening with Kareem Abdul-Jabbar – 2018 Writer's Symposium by the Sea [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=-hXOmAqaAvg>. Accessed May 13, 2020.
- LemmaCenter. Innovative Is: Kareem Abdul-Jabbar [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=XPWWCG7truE>. Accessed May 13, 2020.
- City of Malibu. Gloria Allred - Malibu Library Speak Series [Video]. YouTube. 2017. Available at: [https://www.youtube.com/watch?v=dvRyNkK8\\_jg](https://www.youtube.com/watch?v=dvRyNkK8_jg). Accessed May 30, 2020.
- Allred G. Gloria Allred is keynote speaker for City of West Hollywood Women's Equality Day 2015 Celebration [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=60kZtErwZl>. Accessed May 30, 2020.
- Valuetainment. Gloria Allred – most feared woman in America [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=FGO7jP5Pbzk>. Accessed May 30, 2020.
- The Daily Wire. Gloria Allred | The Ben Shapiro Show Sunday Special Ep. 83 [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=swhw4IL5d9Q>. Accessed May 30, 2020.
- Djvlad. Cardi B full interview on sexual past, bisexuality, colorism (flashback) [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=LhOfDCgkeMI>. Accessed May 27, 2020.
- Breakfast Club Power 105.1 FM. Cardi B opens up about her pregnancy & why she kept it hidden [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=erLHQ8SkNYE>. Accessed May 27, 2020.
- Good Life Project. Good life project TV: Dan Ariely [Video]. YouTube. 2011. Available at: [https://www.youtube.com/watch?v=bGL\\_CWHP78Y](https://www.youtube.com/watch?v=bGL_CWHP78Y). Accessed June 9, 2020.
- Talks at Google. Dan Ariely: On dating & relationships | Talks at Google [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=RS8R2TKrYi0>. Accessed June 9, 2020.
- Talks at Google. Dan Ariely: "Predictably Irrational" | Talks at Google [Video]. YouTube. 2008. Available at: <https://www.youtube.com/watch?v=VZv-sm9XXU>. Accessed June 9, 2020.

24. Institute for Advanced Study. (Dis)Honesty - Dan Ariely [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=RVix6vognrY>. Accessed June 9, 2020.
25. Una S. WWE stone cold podcast with Shawn Michaels - full video interview HD [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=eR-DWjzkHsc>. Accessed May 11, 2020.
26. Jim and Sam Show. Stone Cold Steve Austin - WWE, reality TV, Podcasting - Jim Norton & Sam Roberts [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=s7JnAA8NDEM>. Accessed May 11, 2020.
27. Fox Sports. In the Zone' with Chris Broussard podcast: LaVar and LiAngelo Ball - Episode 63 | FS1 [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=EhFiNLOcP2Y&t=2661s>. Accessed May 6, 2020.
28. BigBoyTV. LaVar, LiAngelo & LaMelo Ball on JBA League, LeBron coming to the Lakers & a lot more [Video]. YouTube. 2018. Available at: [https://www.youtube.com/watch?v=qx\\_p0CfsRdc](https://www.youtube.com/watch?v=qx_p0CfsRdc). Accessed May 6, 2020.
29. Hart J. Lonzo Ball On adversity, perspective, and becoming his own man - Light-Harted Podcast With Josh Hart [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=g47Mv4KYLEU>. Accessed May 6, 2020.
30. The Ringer. Lonzo Ball on his transition to New Orleans and more | The JJ Redick Podcast | The Ringer [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=g5UNSUI1QHs>. Accessed May 6, 2020.
31. New York Times Events. Richard Branson [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=YP7WGFieqPQ>. Accessed June 10, 2020.
32. Goldman Sachs. Sir Richard Branson: leading with vision and taking on challenges [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=Bz8PLrbj7jM>. Accessed June 10, 2020.
33. Politics and prose. Donna Brazile, "Hacks" [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=CQzh9XJWNKQ>. Accessed June 26, 2020.
34. Make It Plain. SiriusXM's leading ladies with Donna Brazile interviewed by Mark Thompson [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=X59bexCmoPo>. Accessed June 26, 2020.
35. UChicago Institute of Politics. Donna Brazile [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=ZkAYTjsuXeo>. Accessed June 26, 2020.
36. MySPNN. Donna Brazile - the election's over: now what? [Video]. YouTube. 2012. Available at: <https://www.youtube.com/watch?v=hLsqIkM-A4>. Accessed June 26, 2020.
37. Library of Congress. Garth Brooks & Trisha Yearwood in conversation with Librarian of Congress Carla Hayden [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=vlrHIEdO-Jg&t=842s>. Accessed May 12, 2020.
38. BUILD Series. Garth Brooks Discusses His "Legacy" Collection [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=0HL8LmbCeko>. Accessed May 12, 2020.
39. ESPN. Antonio Brown on trade demand, Ben Roethlisberger, Steelers [Extended Interview] | SC Featured [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=smkPcpfxi78>. Accessed June 5, 2020.
40. ESPN. Antonio Brown exclusive ESPN interview: 'I owe the whole NFL an apology' | NFL on ESPN [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=YRP95f2-6SI>. Accessed June 5, 2020.
41. MontclairLib. Open Other / Open Mind: Bobbi Brown in Conversation with Kristen Dollard, 5/9/17 [Video]. YouTube. 2017. Available at: [https://www.youtube.com/watch?v=1cPmmLrb\\_rg](https://www.youtube.com/watch?v=1cPmmLrb_rg). Accessed June 8, 2020.
42. GaryVee. Defying Society's rules and expectations: interview with Bobbi Brown [Video]. YouTube. 2018. Available at: [https://www.youtube.com/watch?v=a2\\_smFA06Fw](https://www.youtube.com/watch?v=a2_smFA06Fw). Accessed June 8, 2020.
43. BattleBears. Best Warren Buffett speech [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=M-vQCxTFfPU&t=3059s>. Accessed March 31, 2020.
44. Terry College of Business at the University of Georgia. Warren Buffett, Chariman, Berkshire Hathaway Investment Group | Terry Leadership Speaker Series [Video]. YouTube. 2011. Available at: <https://www.youtube.com/watch?v=2a9Lx9J8uSs&t=378s>. Accessed March 31, 2020.
45. Yahoo Finance. Warren Buffett shares his opinion on China, Costco, Elon Musk, College, and more [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=uddpWu5-1UK>. Accessed March 31, 2020.
46. CNBC Television. CNBC's Becky quick interviews Warren Buffett (2/25/19) [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=Pqc56crs56s>. Accessed March 31, 2020.
47. Stanford Graduate School of Business. Tory Burch and Pattie Sellers discuss business, power & entrepreneurship [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=48DKjki6VUY>. Accessed May 27, 2020.
48. The Business of Fashion. Tory Burch in conversation | #BoFLive [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=g4qHMWQLwCQ>. Accessed May 27, 2020.
49. Talks at Google. UAE National Pavilion Lead Architect & Engineer | Santiago & Micael Calatrava | Talks at Google [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=QG20fU53LHG>. Accessed May 16, 2020.
50. Technion. Dr. Santiago Calatrava Lecture Series 2006 at Technion, Lecture 1 B [Video]. YouTube. 2009. Available at: <https://www.youtube.com/watch?v=1Nc2frXt930&t=215s>. Accessed May 16, 2020.
51. Expo 2020 Dubai. Santiago Calatrava at Dubai Design Week [Video]. YouTube. 2016. Available at: [https://www.youtube.com/watch?v=XdFEd\\_fUt1A&t=3235s](https://www.youtube.com/watch?v=XdFEd_fUt1A&t=3235s). Accessed May 16, 2020.
52. Carfagna, B. Barbara Carfagna intervista l'architetto Santiago Calatrava [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=Z37pUSB3k2L>. Accessed May 16, 2020.
53. American Academy of Religion. Plenary Address: Julián Castro [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=BiiSz24Adrs>. Accessed April 20, 2020.
54. WMUR-TV. Raw video: Julian Castro delivers remarks at Politics & Eggs event [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=fqoi92-pqtM>. Accessed April 20, 2020.
55. Commonwealth Club. Julián Castro: an American Journey [Video]. YouTube. 2018. Available at: [https://www.youtube.com/watch?v=6nBb\\_cpESrU](https://www.youtube.com/watch?v=6nBb_cpESrU). Accessed April 20, 2020.
56. DMRegister. Full interview: Julián Castro meets with the Register's editorial board (10.17.19) [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=3-7kX7sx3ks>. Accessed April 20, 2020.
57. No Jumper. The James Charles interview [Video]. YouTube. 2018. Available at: [https://www.youtube.com/watch?v=n\\_JXd2pJkgA](https://www.youtube.com/watch?v=n_JXd2pJkgA). Accessed April 21, 2020.
58. A conversation with James Charles on post-scandal clarity, Tik-Tok Taking Over, & More | A conversation with Ep. 23 [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=7dJjnw8GJPw>. Accessed April 21, 2020.
59. Politics and prose. Roz Chast "Can't We Talk About Something More Pleasant" [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=QLi0L-A1c6c>. Accessed May 21, 2020.
60. The Drexel InterView. Roz Chast - Part 1. The Drexel InterView (Season 15) [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=3gLAYfllB4o>. Accessed May 21, 2020.
61. The Drexel InterView. Roz Chast - Part 2. The Drexel InterView (Season 15) [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=NiEzg96kUUU>. Accessed May 21, 2020.
62. Politics and Prose. Roz Chast, "Going to Town" [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=dhoU3kx5Pt4>. Accessed May 21, 2020.
63. The New Yorker. Steve Martin and Roz Chast in conversation - The New Yorker Festival - The New Yorker [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=Rkdsr6uSYT0&t=301s>. Accessed May 21, 2020.
64. BUILD Series. RuPaul discusses his new talk show, "RuPaul" [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=cvqps0dMdPE>. Accessed April 22, 2020.
65. The ZapRecap. RuPaul's DragCon - RuPaul's Keynote Speech (In its Entirety) [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=xLYaCmtAdA>. Accessed April 22, 2020.
66. Los Angeles Public Library. Real Talk with RuPaul [Video]. YouTube. 2017. Available at: [https://www.youtube.com/watch?v=XJnfgEeQj\\_A&t=2587s](https://www.youtube.com/watch?v=XJnfgEeQj_A&t=2587s). Accessed April 22, 2020.
67. Kamali N. NORMALIFE! Podcast | RuPaul Andre Charles [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=SoDWrh6gkxg>. Accessed April 22, 2020.
68. The University of Chicago. Cardinal Blase Cupich keynote at virtue, happiness, and the meaning of life Capstone Conference [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=Bzicjxnnl1Y>. Accessed April 27, 2020.
69. UChicago Institute of Politics. Cardinal Blase Cupich in conversation with E.J. Dionne [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=xxQloInzK18>. Accessed April 27, 2020.
70. Salt and Light Media. WITNESS - Cardinal Blase J. Cupich, Archbishop of Chicago [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=HtchxCW2qeQ>. Accessed April 27, 2020.
71. LaernatCTU. Murnion lecture by Cardinal Blase J. Cupich, "Dialogue in the Key of Pope Francis" [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=J058Usl1sqw>. Accessed April 27, 2020.
72. Cornell University. Let's talk politics: turning your opinions into a career [Video]. YouTube. 2011. Available at: [https://www.youtube.com/watch?v=iZokED\\_OBRI](https://www.youtube.com/watch?v=iZokED_OBRI). Accessed May 19, 2020.
73. Penguin Random House. Van Jones in conversation with S.E. Cupp | Random House Off the Page [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=TloGltuX52l>. Accessed May 19, 2020.
74. C-SPAN. Q&A: S.E. Cupp [Video]. YouTube. 2009. Available at: <https://www.youtube.com/watch?v=-ATz6MS9YPU>. Accessed May 19, 2020.
75. CBL Women. SE Cupp: turning opinion into a career [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=jZyEPmFnD3o&t=8s>. Accessed May 19, 2020.
76. C4STorg. Dr. Devra Davis - presentation [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=9ZaZQ4fDm5o>. Accessed May 20, 2020.
77. TV UFBA. TV UFBA entrevista - Devra Davis [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=rENBIfgBNU8>. Accessed May 20, 2020.
78. The Real Truth About Health. Chemicals, GMO'S and EMF's [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=9UWifYDFil>. Accessed May 20, 2020.
79. Guernsey say no to 5G. Dr. Devra Davis warns Guernsey of the health risks of 5G [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=G8UimTIVS4q>. Accessed May 20, 2020.
80. 92nd Street Y. Alan Dershowitz with Chris Cuomo on President Trump and the state of civil discourse [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=0uQcGduUkk>. Accessed May 16, 2020.

81. CNN. Alan Dershowitz defends President Trump on Senate floor [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=9cGk4BRHckA>. Accessed May 16, 2020.
82. Politics and Prose. Alan Dershowitz "Taking the Stand" [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=AugZAtihNIE>. Accessed May 16, 2020.
83. Institute for the Study of Global Antisemitism and Policy. Alan Dershowitz & Gloria Greenfield - "The Case for Israel" [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=DRmJ4TfLoc>. Accessed May 16, 2020.
84. Seattle Channel. Dr. Robin DiAngelo discusses 'White Fragility' [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=45ey4jgxeU>. Accessed May 23, 2020.
85. Highline College. White fragility by Dr. Robin DiAngelo [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=ktVaZVVgJyc>. Accessed May 23, 2020.
86. Jah Bread TV. White fragility: Robin DiAngelo on White liberals protecting racism [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=pGM6SVwcm0>. Accessed May 23, 2020.
87. American Council on Education. A discussions about race at ACE2019 with Beverly Daniel Tatum and Robin DiAngelo [Video]. YouTube. 2019. Available at: [https://www.youtube.com/watch?v=Zsxy\\_ah6g2A](https://www.youtube.com/watch?v=Zsxy_ah6g2A). Accessed May 23, 2020.
88. OxfordUnion. Jack Dorsey - full interview with Q&A [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=uB3xns-E48c>. Accessed May 5, 2020.
89. U.S. Small Business Administration. Small business week conversation with Jack Dorsey [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=2wVl0GjWug&t=601s>. Accessed May 5, 2020.
90. Avgitidis M. Lunch break with Maria featuring Dr Ramani Durvasula [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=NK4znYSvPuw>. Accessed June 7, 2020.
91. DoctorRamani. Why is it so difficult to negotiate with a narcissist? (EP #1 w/ Rebecca Zung, Divorce Attorney) [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=AcJJPZDAk8>. Accessed June 7, 2020.
92. Kent M. Charlie Sheen Tiger Blood Ustream Live [Video]. YouTube. 2011. Available at: <https://www.youtube.com/watch?v=goYPE5METt8>. Accessed May 7, 2020.
93. Ani B INTIMATE INTERVIEW with Charlie Sheen [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=kbb5rit45Yc&t=3s>. Accessed May 7, 2020.
94. Carr B Martin Sheen on personal leadership [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=KBTv2GU73bs>. Accessed May 7, 2020.
95. Cantwell T Martin Sheen interview [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=OK5e95wouGc>. Accessed May 7, 2020.
96. Fridman L Lisa Feldman Barrett: how the brain creates emotions | MIT Artificial General Intelligence (AGI) [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=qwsft6tmvBA>. Accessed June 28, 2020.
97. Talks at Google. Dr. Lisa Feldman Barrett: "Can Machines Perceive Emotion?" | Talks at Google [Video]. YouTube. 2018. Available at: [https://www.youtube.com/watch?v=HlJQXfL\\_GeM](https://www.youtube.com/watch?v=HlJQXfL_GeM). Accessed June 28, 2020.
98. Politics and Prose. Lisa Feldman Barrett, "How Emotions Are Made" [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=kY6mCVCubjI>. Accessed June 28, 2020.
99. MeaningofLife.tv. Are our emotions universal? | Robert Wright & Lisa Feldman Barrett [The Wright Show] [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=Ax8PShRIA5Q>. Accessed June 28, 2020.
100. Morgan Freeman job interview On Charlie Rose 2001 & Moscow Coup 19 August 1991 [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=efxz-hk0k4g&t=2723s>. Accessed May 10, 2020.
101. OxfordUnion. Morgan Freeman | Full Q&A | Oxford Union [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=VFKlBYeXBQ8>. Accessed May 10, 2020.
102. Carnegie Mellon University. Bill Gates unplugged [Video]. YouTube. 2008. Available at: <https://www.youtube.com/watch?v=6b6DEUM5Gbw>. Accessed April 17, 2020.
103. WwwAAASorg. Bill Gates: how gene editing, AI Can Benefit World's Poorest [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=YNb0S4UBbDI&t=1068s>. Accessed April 17, 2020.
104. Harvard University. 'A Conversation with Bill Gates' Q&A at Harvard University [Video]. YouTube. 2018. Available at: [https://www.youtube.com/watch?v=ofQMbc2e\\_as&t=1504s](https://www.youtube.com/watch?v=ofQMbc2e_as&t=1504s). Accessed April 17, 2020.
105. The Economic Club of Washington, D.C. Bill Gates, Chairman, Microsoft Corporation [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=XHvovrgZiek&t=1163s>. Accessed April 17, 2020.
106. AfterBuzz TV. Sean Giambrone Interview | AfterBuzz TV's Spotlight On [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=BdATR162uWo>. Accessed April 30, 2020.
107. Robinson N Sean Giambrone Full Interview - Of All Trades with Nolan Robinson [Video]. YouTube. 2020. Available at: [https://www.youtube.com/watch?v=zqMzu42eC\\_U](https://www.youtube.com/watch?v=zqMzu42eC_U). Accessed April 30, 2020.
108. Mahohn. Frank Gehry uncut [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=OjdlK68l-uQ4>. Accessed May 14, 2020.
109. The Aspen Institute. In conversation with architect Frank Gehry [Video]. YouTube. 2015. Available at: [https://www.youtube.com/watch?v=VnoedSp\\_HcA](https://www.youtube.com/watch?v=VnoedSp_HcA). Accessed May 14, 2020.
110. Concordia University. Jane Goodall at Concordia: sowing the seeds of hope [Video]. YouTube. 2014. Available at: [https://www.youtube.com/watch?v=vibssrQK\\_m60](https://www.youtube.com/watch?v=vibssrQK_m60). Accessed June 5, 2020.
111. UC Berkeley. Jane Goodall speaks at Berkeley (full event) [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=qj6cKfcZwsc>. Accessed June 5, 2020.
112. Kawasaki G INTERVIEW Dr. Jane Goodall, DBE, with Guy Kawasaki | TEDxPaloAltoSalon [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=-kq7vMrc9DU>. Accessed June 5, 2020.
113. World Economic Forum. Davos 2019 - an insight, an idea with Jane Goodall [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=bNul8MX2nPl>. Accessed June 5, 2020.
114. Drake. Rap radar: Drake [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=mmsasEouP04>. Accessed April 10, 2020.
115. Beats 1. Drake: Inside OVOSOUND Radio | Apple Music [Video]. YouTube. Available at: <https://www.youtube.com/watch?v=lcUVgYPaiB8&t=2813s>. 2016. Accessed April 10, 2020.
116. LiveTalksLA. Dr. Sanjay Gupta in conversation with Rich at Live Talks Los Angeles [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=Y879SI2ZijI>. Accessed April 23, 2020.
117. Roll R Chasing Health with Sanjay Gupta, MD | Rich Roll Podcast [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=IYdtFCM7Bac>. Accessed April 23, 2020.
118. Commonwealth Club. MSNBC's Chris Hayes: the two Americas [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=lqR0zCQgts&t=942s>. Accessed May 1, 2020.
119. Brown University. Chris Hayes in conversation with Professor Tricia Rose at Brown University [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=7CvBRpcCEGI>. Accessed May 1, 2020.
120. Education Week. Guns, violence, and student activism: a conversation with Emma González, David Hogg, and Others [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=iSnS4NLRU>. Accessed May 2, 2020.
121. SXSW EDU. (March 7, 2019). David Hogg & Dan Rather on young people win: rethinking advocacy in a new era | SXSW EDU [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=BsIIIbZ6X4>. Accessed May 2, 2020.
122. Enrique Iglesias. Google+ Hangout with Enrique Iglesias! [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=0S7HF2rQQw4>. Accessed May 8, 2020.
123. Enrique and Anna Iglesias Official. Enrique Iglesias Recent Live Fan Chat - interview (Full Video) [Video]. YouTube. 2019. Available at: [https://www.youtube.com/watch?v=PE\\_cyM3gkiw](https://www.youtube.com/watch?v=PE_cyM3gkiw). Accessed May 8, 2020.
124. Nikitenko Y. Julio Iglesias, entrevista en exclusiva 'Land Rober' - ONLY INTERVIEW [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=wWQe0n50fwU>. Accessed May 8, 2020.
125. Laxibecadorada. Julio Iglesias La entrevista más esperada [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=FlmZSrPqNw>. Accessed May 8, 2020.
126. Commonwealth Club. Annie Jacobsen (5/23/11) [Video]. YouTube. Available at: [https://www.youtube.com/watch?v=e9K4GptQ\\_po](https://www.youtube.com/watch?v=e9K4GptQ_po). 2011. Accessed May 19, 2020.
127. Commonwealth Club. Journalist Annie Jacobsen: ESP and the U.S. government [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=aw4gyDnDL-4>. Accessed May 19, 2020.
128. World Affairs. Annie Jacobsen: inside DARPA: the Pentagon's brain [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=6eS17F7nuTM>. Accessed May 19, 2020.
129. Talks at Google. Authors@Google: Annie Jacobsen [Video]. YouTube. 2011. Available at: <https://www.youtube.com/watch?v=a3bsPwJPsBE&t=1s>. Accessed May 19, 2020.
130. SchAdvStudy. A human rights assessment of hydraulic fracturing & other unconventional gas development in the UK [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=4RGvgnVwm18>. Accessed May 31, 2020.
131. Harvard University. Bianca Jagger on violence | Mahindra Humanities Center [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=lcmTcP2xqf4&t=2149s>. Accessed May 31, 2020.
132. SOAS University of London. A revolution betrayed: Daniel Ortega's 'Shoot to Kill' Policy | Bianca Jagger | SOAS [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=KtQRWgS91O0&t=2025s>. Accessed May 31, 2020.
133. OxfordUnion. Bianca Jagger | Full address and Q&A | Oxford Union [Video]. YouTube. 2018. Available at: [https://www.youtube.com/watch?v=XxjH3\\_YGUE](https://www.youtube.com/watch?v=XxjH3_YGUE). Accessed May 31, 2020.
134. Shriver M Architects of change: Kris Jenner & Maria Shriver [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=Ti-OB3aGYWY>. Accessed May 29, 2020.
135. MaximoTV. Kris Jenner Q&A at Nazarian Institute's ThinkBIG 2020 Conference | Unedited [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=F2f.F5w0gN0>. Accessed May 29, 2020.
136. Library of Congress. Ha Jin: 2017 National Other Festival [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=iHNKbXYXlc>. Accessed May 12, 2020.

137. Boston University. A journey to freedom: Ha Jin discusses his latest novel [Video]. YouTube. Available at: <https://www.youtube.com/watch?v=KctBDpsHBMU>. 2010. Accessed May 12, 2020.
138. Library of Congress. Ha Jin: 2015 National Other Festival [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=4vrZPyHCaDI>. Accessed May 12, 2020.
139. International Festival of Arts & Ideas. Ha Jin & David Henry Hwang: The U.S./China Literary Landscape [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=zLojy0hx09E>. Accessed May 12, 2020.
140. Graham A. Pretty big deal with Ashley Graham | Kim Kardashian West [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=264aaUUVB9U>. Accessed May 25, 2010.
141. BigBoyTV. Kim Kardashian West on Meeting Kanye, Trump visit, Clapping Back & A Lot More! [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=pYH13wI9moY>. Accessed May 25, 2010.
142. University of California Television (UCTV). City Club presents Doris Kearns Goodwin on Abraham Lincoln [Video]. YouTube. 2008. Available at: <https://www.youtube.com/watch?v=UkJ5omlynrY>. Accessed May 30, 2020.
143. FAU Arts & Letters. Alan B. & Charna Larkin Symposium on the American Presidency 2020 - Doris Kearns Goodwin [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=IC93pQ77JOA&t=3541s>. Accessed May 30, 2020.
144. National Constitution Center. Doris Kearns Goodwin: Leadership in Turbulent Times (HD) [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=vv5AMdb6-C0>. Accessed May 30, 2020.
145. 92nd Street Y. Doris Kearns Goodwin on Teddy Roosevelt, Taft and The Bully Pulpit | 92Y Talks [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=BvKTBQIPwcm>. Accessed May 30, 2020.
146. Richard Nixon Foundation. In the arena speakers: former NYPD Commissioner Ray Kelly [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=fnQsP3jPwTQ&t=2s>. Accessed April 26, 2020.
147. Arts & Ideas at the JCCSH. Former NYPD Commissioner Ray Kelly with Paul Henderson [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=OCLn4WuCSGY>. Accessed April 26, 2020.
148. Hot 97. Alicia Keys on Date Nights, Beats from Egypt + Being Insecure [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=PHWxBvSjeSY>. Accessed May 17, 2020.
149. Hot 97. Alicia Keys talks new music, father's day, and Egypt's production on untitled unmastered [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=FiBjb2MjKHM>. Accessed May 17, 2020.
150. Hot 97. Cloth Talk: DJ Khaled describes how his whole life changed on Ebro in the Morning! [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=BsOaHXpvEa0>. Accessed May 3, 2020.
151. Hot 97. The BEST Khaled Interview EVER anywhere!!! Ebro in the Morning! [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=jEJLKNXv8fM>. Accessed May 3, 2020.
152. A conversation with Mia Khalifa on her past, shady people, rejection, shadow-bans & more (Ep. 12 - A Conversation With) [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=jxDIPVCSpmc>. Accessed May 18, 2020.
153. INF AL INSTANTE. Mia Khalifa on the forward with Lance Armstrong [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=L1M35ggPXFfE>. Accessed May 18, 2020.
154. New-York Historical Society. History with David M. Rubenstein: a conversation with Billie Jean King [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=snNeCzfZWn4>. Accessed May 20, 2020.
155. WorldTeamTennis. Billie Jean King receives Tisch Award [Video]. YouTube. 2011. Available at: <https://www.youtube.com/watch?v=fdzfF5uQrwk>. Accessed May 20, 2020.
156. SXSW. Eric Liedtke, Guy Raz & Karlie Kloss | Create the World You Want to Live In | SXSW 2018 [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=7bgHGKcFJOM>. Accessed June 12, 2020.
157. Ferriss T Karlie Kloss Interview | The Tim Ferriss Show [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=kj3hrVhYfew>. Accessed June 12, 2020.
158. Qualtrics. Serial fireside chat – Sarah Koenig [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=xlmbtaEg1X8>. Accessed May 20, 2020.
159. The Hist. Sarah Koenig speaks to The Hist [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=2M010f3WiqA>. Accessed May 20, 2020.
160. Tiny Meat Gang. Episode 96 – Butt Hacking [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=LXTNm0BIUAE>. Accessed June 11, 2020.
161. Tiny Meat Gang. Episode 33 – our best catchphrase yet [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=Xi4sCTkRPEY&t=3417s>. Accessed June 11, 2020.
162. The Aspen Institute. Jeff Koons: American imagination [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=gLkylhTuaHo>. Accessed June 1, 2020.
163. Gagolian. NOW: IN CONVERSATION Jeff Koons and Glenn Fuhrman [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=CmwZ2irdkjo>. Accessed June 1, 2020.
164. Fpamultimedia. Conferencia de Annie Leibovitz / Talk by Annie Leibovitz [Video]. YouTube. 2013. Available at: [https://www.youtube.com/watch?v=AT3z0s8o4\\_U](https://www.youtube.com/watch?v=AT3z0s8o4_U). Accessed June 9, 2020.
165. New York Times Events. Annie Leibovitz [Video]. YouTube. 2017. Available at: [https://www.youtube.com/watch?v=6L\\_-88YBjrY](https://www.youtube.com/watch?v=6L_-88YBjrY). Accessed June 9, 2020.
166. University of California Television (UCTV). Deborah Lipstadt: the Eichmann trial [Video]. YouTube. 2011. Available at: <https://www.youtube.com/watch?v=5LZ9Gen6GHs>. Accessed May 22, 2020.
167. JBS. L'Chayim: Deborah Lipstadt [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=cgDjc-fAU5Y>. Accessed May 22, 2020.
168. Central Synagogue. Antisemitism: here and now with Deborah Lipstadt, Central Synagogue - Monday February 4, 2019 [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=Q7NmWPUshqE>. Accessed May 22, 2020.
169. University of Haifa. Deborah Lipstadt with students of the Weiss-Livnat International MA Program in Holocaust Studies [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=3FVQtbKkaQE>. Accessed May 22, 2020.
170. TigerBelly. Awkwafina & The Race of Life | TigerBelly 103 [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=doUFEWFiFa4>. Accessed May 28, 2020.
171. Laugh Factory. Dumbfoundead, Awkwafina, & Rektizzy - The PK Comedy Podcast Episode 06 [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=UtkxvndJPfc>. Accessed May 28, 2020.
172. Daz Dealz. LONE SURVIVOR Marcus Luttrell Operation Red Wings(PART ONE) 2014 GREAT SPEECH [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=ctwuANn2Ftw>. Accessed May 4, 2020.
173. Daz Dealz. Marcus Luttrell LONE SURVIVOR Operation red wings speech (PART 2) [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=SaKk2yClGg&t=44s>. Accessed May 4, 2020.
174. Massengill, Wayne. Marcus Luttrell [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=b55CQxzBeLQ>. Accessed May 4, 2020.
175. Young E. Exclusive interview - 'Lone Survivor' Navy Seal Marcus Luttrell w/ Ed Young [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=vcnyelPyXG8>. Accessed May 4, 2020.
176. Drinkin' Bros Podcast. Drinkin Bros podcast #337 – Marcus Luttrell [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=Cy6-SLDWU0s>. Accessed May 4, 2020.
177. University of Manitoba. 2007 Sol Kane Lecture – Chief Oren Lyons [Video]. YouTube. 2011. Available at: [https://www.youtube.com/watch?v=HiaA4\\_e4YwZE](https://www.youtube.com/watch?v=HiaA4_e4YwZE). Accessed June 7, 2020.
178. TreeTV/N2K Need to Know. Oren Lyons on the indigenous view of the world [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=kbwSwUMNyPU&t=1779s>. Accessed June 7, 2020.
179. Native Media Network. Honoring Chief Oren Lyons - Onondaga Faithkeeper - interview May 2019 [Video]. YouTube. 2019. Available at: [https://www.youtube.com/watch?v=LrZliqoW\\_Q0](https://www.youtube.com/watch?v=LrZliqoW_Q0). Accessed June 7, 2020.
180. 7GenFund. Chief Oren Lyons – keynote speech: keeping the Homefires Burning Gathering [Video]. YouTube. 2012. Available at: <https://www.youtube.com/watch?v=x9pWkKkryU>. Accessed June 7, 2020.
181. Salesforce. Fireside chat with trailblazer Yo-Yo Ma [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=fdflLrkfTi8&t=921s>. Accessed April 22, 2020.
182. Polar Music Prize. Yo-Yo Ma – interview [Video]. YouTube. 2012. Available at: [https://www.youtube.com/watch?v=S63\\_fsZUFQk](https://www.youtube.com/watch?v=S63_fsZUFQk). Accessed April 22, 2020.
183. WGBHForum. Rachel Maddow: "Drift: The Unmooring of American Military Power" [Video]. YouTube. 2012. Available at: <https://www.youtube.com/watch?v=fINsTjqlTw>. Accessed May 19, 2020.
184. AmherstCollege. Rachel Maddow at Amherst College [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=4DD24X4IU2o>. Accessed May 19, 2020.
185. Eagleton Institute of Politics. Rachel Maddow conversation with Ruth B. Mandel (Eagleton Institute) [Video]. YouTube. 2011. Available at: <https://www.youtube.com/watch?v=4cTyY9xV9D0>. Accessed May 19, 2020.
186. Hot 97. MAJOR KEYS: MSNBC's Rachel Maddow Drops Gems on Flint & the Election [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=wbjlnjCHgBM>. Accessed May 19, 2020.
187. The Tom Ward Show. Tana Mongeau talks Bella Thorne relationship and more [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=qEjXYekK08U>. Accessed May 27, 2020.
188. No Jumper. Tana Mongeau tell all interview – speaks on EVERYTHING [Video]. YouTube. 2018. Available at: [https://www.youtube.com/watch?v=np3\\_2X5\\_Xb8](https://www.youtube.com/watch?v=np3_2X5_Xb8). Accessed May 27, 2020.
189. Harvard Kennedy School's Institute of Politics. A conversation with Vice Admiral Vivek H. Murthy [Video]. YouTube. 2016. Available at: [https://www.youtube.com/watch?v=MTiAh\\_YsOag&t=1s](https://www.youtube.com/watch?v=MTiAh_YsOag&t=1s). Accessed June 5, 2020.
190. Center for Strategic & International Studies. A conversation with U.S. Surgeon General Dr. Vivek H. Murthy [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=teRvMNOaaAs>. Accessed June 5, 2020.
191. TED. The future we're building – and boring | Elon Musk [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=zvLWfAg-8&t=144s>. Accessed March 28, 2020.
192. Royal Aeronautical Society. Elon Musk at the Royal Aeronautical Society [Video]. YouTube. 2012. Available at: <https://www.youtube.com/watch?v=wB3R5Xk2gTY>. Accessed March 28, 2020.
193. Shazmosushi. Elon Musk's 2003 Stanford University Entrepreneurial Thought Leaders Lecture [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=afZTrfvB2AQ&t=1908s>. Accessed March 28, 2020.



194. PandoDaily. PandoMonthly: fireside chat with Elon Musk [Video]. YouTube. 2012. Available at: <https://www.youtube.com/watch?v=uegOUmgKB4E&t=6s>. Accessed March 28, 2020.
195. AfterBuzz TV. Tyler Oakley Interview | AfterBuzz TV's Spotlight On [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=Z5nB8fMBFPm>. Accessed June 18, 2020.
196. Lask Cens. Tyler Oakley interview about his documentary Snervous [Video]. YouTube. 2016. Available at: [https://www.youtube.com/watch?v=MRE8r9Q\\_e-M](https://www.youtube.com/watch?v=MRE8r9Q_e-M). Accessed June 18, 2020.
197. CBS News. Obama on Trump, challenges to democracy – full speech [Video]. YouTube. 2018. Available at: [https://www.youtube.com/watch?v=7hZgg\\_KjvDQ](https://www.youtube.com/watch?v=7hZgg_KjvDQ). Accessed April 20, 2020.
198. NPR. NPR's exit interview with President Obama | Morning Edition | NPR [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=leJeKrZxDFQ>. Accessed April 20, 2020.
199. NBC News. Fmr. President Barack Obama Speaks at Mandela Day (Full) | NBC News [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=XkHjrKDrhJg>. Accessed April 20, 2020.
200. Vox. President Barack Obama interview with Ezra Klein and Sarah Kliff about Obamacare [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=V7eqoL18zWg>. Accessed April 20, 2020.
201. The Philadelphia Citizen. John Oliver and Ali Velshi on the rigor of laughter in these crazy political times [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=9Z-xlgcJOYA>. Accessed June 19, 2020.
202. 92nd Street Y. Nell Scovell in conversation with John Oliver [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=r5xlwkvHIF8>. Accessed June 19, 2020.
203. Shetty J. Dr. Oz shows you how to create healthier habits & change your relationship with food [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=Zx6BvCRG-U8>. Accessed June 11, 2020.
204. Tower Hill School. Dr. Mehmet Oz '78 [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=cV6zqp-UhUY>. Accessed June 11, 2020.
205. Ong K. Dr Mehmet Oz keynote at the Health and Happiness Summit USANA video [Video]. YouTube. 2012. Available at: <https://www.youtube.com/watch?v=Ny3pPvKbDtw>. Accessed June 11, 2020.
206. Breakfast Club Power 105.1 FM. Dr. Oz talks CBD benefits, hallucinogens & why you shouldn't wash your chicken [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=Ny3pPvKbDtw>. Accessed June 11, 2020.
207. Berkeley Haas. A conversation with Ellen Pao: diversity & inclusion in tech and beyond [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=GTfSkde3qn4>. Accessed May 20, 2020.
208. MAKERS. Jada Pinkett Smith and Ellen Pao Red Table Talk | The 2019 MAKERS Conference [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=n1WwXzHPPsc>. Accessed May 20, 2020.
209. No Jumper. Logan Paul & Mike on Lana Rhoades Situation, Adrian Broner Beef, Why His New Videos Are So Good [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=PzU9q3TjWtU&t=17s>. Accessed June 6, 2020.
210. Brand R. Russell Brand & Logan Paul | Under The Skin Podcast [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=wfAR4VPSVHk>. Accessed June 6, 2020.
211. Works & Process at the Guggenheim. New York City Ballet – Justin Peck: The Creation of a Story Ballet [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=710SxcpPWVA>. Accessed June 2, 2020.
212. YoungArts. YoungArts Salon with Sufjan Stevens + Justin Peck [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=409mdhXjBz8>. Accessed June 2, 2020.
213. Gomorra Channel. Il vero Donnie Brasco. L'agente FBI infiltrato 6 anni nella mafia italoamericana - Kings of Crime [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=C8UqyQIKanU>. Accessed June 11, 2020.
214. Valuetainment. Most hated FBI agent in the mafia – Joe Pistone aka Donnie Brasco [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=8v-X06Q04w4>. Accessed June 11, 2020.
215. Moyers & Company. Jorge Ramos and María Elena Salinas on the Rise of Hispanic America [Video]. YouTube. 2012. Available at: <https://www.youtube.com/watch?v=OAOoCuass8>. Accessed June 23, 2020.
216. School of Media and Public Affairs The George Washington University. A conversation with Jorge Ramos: journalism, activism and the Latino vote [Video]. YouTube. 2015. Available at: [https://www.youtube.com/watch?v=hzSk3\\_fzoDA&t=2461s](https://www.youtube.com/watch?v=hzSk3_fzoDA&t=2461s). Accessed June 23, 2020.
217. Harvard University. Fusion's Jorge Ramos and America's Latino Future | Nieman Foundation [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=XBI6xJt1W5w>. Accessed June 23, 2020.
218. Harvard Kennedy School's Institute of Politics. The 2017 Goldsmith Awards ceremony with Jorge Ramos [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=jJZ1qEKhoYs>. Accessed June 23, 2020.
219. CCCB. Lisa Randall. How physics scales the universe [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=v9FUFOvdjFY&t=2442s>. Accessed May 29, 2020.
220. The Aspen Institute. Expanding our horizons: matter, space, and the universe [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=0eaW HUmjgqk>. Accessed May 29, 2020.
221. Skeptic. Michael Shermer with Dr. Lisa Randall – Dark Matter & the Dinosaurs (Science Salon # 1) [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=KiyAYNZLphI>. Accessed May 29, 2020.
222. 92nd Street Y. Lisa Randall with Bill Nye the Science Guy on dark matter and the dinosaurs [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=fY56R2j3RbQ>. Accessed May 29, 2020.
223. Salesforce. From athlete to advocate with World Champions Megan Rapinoe and Ibtihaj Muhammad [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=BQF4MwBhCkG>. Accessed June 24, 2020.
224. The Ringer. Megan Rapinoe and Sue Bird on Inspiring Future Generations | The JJ Redick Podcast | The Ringer [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=XG7Z3uLYZQc>. Accessed June 24, 2020.
225. The Eric Metaxas Radio Show. Phil Robertson on The Eric Metaxas Radio Show [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=IL0I4ZT3DGs>. Accessed May 6, 2020.
226. Robertson, P. Willie, Jase, and Al's Redneck Childhood | Ep 17 [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=fk4gp0CEQIQ>. Accessed May 6, 2020.
227. Centennial Institute. Phil Robertson – Western Conservative Summit 2016 [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=Tlq1XmnG4-U>. Accessed May 6, 2020.
228. Wakemakerducks. Phil Robertson – guest speaker Sportsmen's Ministry full version [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=eMGsr9h1EmM&t=1665s>. Accessed May 6, 2020.
229. Roberson, P. Miss Kay's Fantasy Football Team, Willie's Growing Family, and Phil's Disaster Interview | Ep 41 [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=1TxBOjSEHG>. Accessed May 5, 2020.
230. Christ Church. Alive Night Sept. 11, 2019 – Willie Robertson with Duck Commander [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=3aAcMVsp6to>. Accessed May 5, 2020.
231. Ling Word Christian Center. Want to lead? Follow! – Willie Robertson - Keynote Speaker at Leadership Conference 2016 [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=spLSx-UKLDA>. Accessed May 5, 2020.
232. Brown University. How structural racism works: Tricia Rose [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=KT1vs0JctMk>. Accessed May 24, 2020.
233. Brown University. Black feminism, popular culture, and respectability politics [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=57EW8AElyVU>. Accessed May 24, 2020.
234. Brown University. Whiteness in the time of Trump [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=96m8FzPkUlc&t=2207s>. Accessed May 24, 2020.
235. Watson Institute for International and Public Affairs. Race and the presidential election: a discussion with Tricia Rose and James Morone [Video]. YouTube. 2016. Available at: [https://www.youtube.com/watch?v=HLA\\_HxYxkkU](https://www.youtube.com/watch?v=HLA_HxYxkkU). Accessed May 24, 2020.
236. Jack Kemp Foundation. Kemp Forum on exchange rates and the dollar – Dr. Judy Shelton speech [Video]. YouTube. 2017. Available at: [https://www.youtube.com/watch?v=0\\_FYR-vxuns](https://www.youtube.com/watch?v=0_FYR-vxuns). Accessed May 29, 2020.
237. Neworleansinvestment. NOIC 2017 Judy Shelton [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=AGJD51HEeYU>. Accessed May 29, 2020.
238. C-SPAN. Q&A: economist Judy Shelton [Video]. YouTube. 2009. Available at: <https://www.youtube.com/watch?v=5f8QpKktgtM>. Accessed May 29, 2020.
239. University Libraries SCRC. Interview with Dr. Judith Shelton, June 11, 2014 [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=bvxxrVT5QA>. Accessed May 29, 2020.
240. 12 News. Sen. Kirsten Sinema sits down with 12 News' Brahm Resnik to discuss topical issues [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=7qaNcS9YEkw>. Accessed June 18, 2020.
241. American Enterprise Institute. Sens. Bill Cassidy, M.D. (R-LA) and Kyrsten Sinema (D-AZ) on paid family leave | LIVE STREAM [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=qtH4mzaVcH8&t=2295s>. Accessed June 18, 2020.
242. University of the Pacific. Advancing women's leadership: Supreme Court Justice Sonia Sotomayor [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=NpAsgu89ja4>. Accessed May 21, 2020.
243. New York City Bar Association. U.S. Supreme Court Justice Sonia Sotomayor addresses participants in the New Lawyer Institute [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=Zd94aQtX-As>. Accessed May 21, 2020.
244. American Academy of Arts & Sciences. A conversation with Justice Sonia Sotomayor - Annual David M. Rubenstein Lecture [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=IhV4es7muQk>. Accessed May 21, 2020.
245. Library of Congress. In conversation with U.S. Supreme Court Justice Sonia Sotomayor [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=5dRF40WnYyk>. Accessed May 21, 2020.
246. Design Indaba. Martha Stewart on the endless possibilities of glitter [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=PwgSQbVmCqQ>. Accessed May 31, 2020.
247. TJL Center. Global Retailing Conference 2011 – Martha Stewart [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=FfUmCBj0L4I>. Accessed May 31, 2020.
248. The Corp With A-Rod and Big Cat. Martha Stewart sits down with A-Rod and Barstool Big Cat (Full Interview) - The Corp Season 2 [Video]. YouTube. 2019.

- Available at: <https://www.youtube.com/watch?v=qLqP7DBAZrk>. Accessed May 31, 2020.
249. Columbia Journalism School. The Delacorte Lectures: Martha Stewart [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=C1HhZKZ27g>. Accessed May 31, 2020.
  250. Fridman L. Leonard Susskind: Quantum Mechanics, String Theory and Black Holes | Artificial Intelligence Podcast [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=s78hV3QLU.E>. Accessed April 28, 2020.
  251. Stanford. Demystifying the Higgs Boson with Leonard Susskind [Video]. YouTube. 2012. Available at: <https://www.youtube.com/watch?v=JqNg819pIZY>. Accessed April 28, 2020.
  252. TVO Docs. Leonard Susskind on the world as hologram [Video]. YouTube. 2011. Available at: <https://www.youtube.com/watch?v=2DII3Hfh9tY>. Accessed April 28, 2020.
  253. Y Combinator. Leonard Susskind on Richard Feynman, the Holographic Principle, and Unanswered Questions in Physics [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=CQAclW6qdQY&t=7s>. Accessed April 28, 2020.
  254. The Howard Stern Show. Harry Styles on the Howard Stern Show (FULL interview) [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=Rg-Y1LSjNk>. Accessed April 19, 2020.
  255. Styles H. Harry Styles – Zane Lowe 'Fine Line' interview [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=moIOVVElffQ>. Accessed April 19, 2020.
  256. ReasonTV. Nassim Taleb Talks Antifragile, Libertarianism, and Capitalism's Genius for Failure [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=ehXxoUH1AIM>. Accessed June 24, 2020.
  257. ET NOW. Nassim Nicholas Taleb speaks on "How India Can Achieve Anti-fragile Growth" | IEC 2019 [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=q0mjrNDe73E>. Accessed June 24, 2020.
  258. Texas BBA. VIP Speaker Series: ExxonMobil's CEO Rex Tillerson [Video]. YouTube. 2016. Available at: <https://www.youtube.com/watch?v=ZEPVY4OG06M>. Accessed June 1, 2020.
  259. New USA. Rex Tillerson interview on Charlie Rose (2013) [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=ky1pGWWRrLE>. Accessed June 1, 2020.
  260. Chicago Humanities Festival. Angie Thomas: The Hate U Give [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=NlCtCjsP-o>. Accessed May 28, 2020.
  261. Our Shared Shelf Group. Reni Eddo-Lodge Interviews Angie Thomas [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=lmwuBAvGack>. Accessed May 28, 2020.
  262. American Workers First. Congresswoman Rashida Taib | LaborVision Podcast [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=aNb6XX57qDM>. Accessed May 18, 2020.
  263. The Appeal. The Briefing – Rep. Rashida Taib – April 28, 2020 [Video]. YouTube. 2020. Available at: <https://www.youtube.com/watch?v=Er0vJP7psBQ>. Accessed May 18, 2020.
  264. American Museum of Natural History. SciCafe: life the universe and everything with Neil deGrasse Tyson [Video]. YouTube. 2010. Available at: [https://www.youtube.com/watch?v=4KRZQO\\_eCo](https://www.youtube.com/watch?v=4KRZQO_eCo). Accessed April 23, 2020.
  265. Vaughn J. Dr. Neil deGrasse Tyson at Vanderbilt University [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=pzlnGnjXyn4>. Accessed April 23, 2020.
  266. Trantow S. Neil deGrasse Tyson Explains Astrophysics In Just One Hour - The Best Documentary Ever [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=hYkXNjn0Lqw&t=31s>. Accessed April 23, 2020.
  267. New York Times Events. TimesTalks: Neil deGrasse Tyson [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=QmOT6-MfK14>. Accessed April 23, 2020.
  268. MediaEvents.ca. Canadian Club – Ali Velshi [Video]. YouTube. 2018. Available at: <https://www.youtube.com/watch?v=3qWAX9Xr12k&t=65s>. Accessed June 23, 2020.
  269. Clinton School Speakers. Ali Velshi at the Clinton School | 2013 [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=2vvCPmBn61c>. Accessed June 23, 2020.
  270. Saint Peter's University. Ali Velshi Speaks at the Saint Peter's College Regents Business Symposium [Video]. YouTube. 2010. Available at: <https://www.youtube.com/watch?v=nUp-Xotzeek>. Accessed June 23, 2020.
  271. Asia Society Texas Center. Ali Velshi: Fake News and Knowing What to Trust [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=s4iun020yys>. Accessed June 23, 2020.
  272. Bruin Film Society. Lulu Wang Q&A at UCLA | The Farewell [Video]. YouTube. 2019. Available at: [https://www.youtube.com/watch?v=\\_V4Eu4QZnNg](https://www.youtube.com/watch?v=_V4Eu4QZnNg). Accessed June 27, 2020.
  273. Hammer Museum. "The Farewell", with director Lulu Wang [Video]. YouTube. 2019. Available at: [https://www.youtube.com/watch?v=EuWFDVgA\\_1Q](https://www.youtube.com/watch?v=EuWFDVgA_1Q). Accessed June 27, 2020.
  274. Coloradohealth. 16CHS - Wednesday Keynote - Leana Wen [Video]. YouTube. 2016. Available at: [https://www.youtube.com/watch?v=MgOBdbMG5\\_Q&t=2165s](https://www.youtube.com/watch?v=MgOBdbMG5_Q&t=2165s). Accessed June 3, 2020.
  275. Politics and Prose. Dr. Leana Wen "When Doctors Don't Listen" [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=aEU9gAqmUZ4>. Accessed June 3, 2020.
  276. CREDO Mobile. Live interview with Planned Parenthood President Dr. Leana Wen [Video]. YouTube. 2019. Available at: [https://www.youtube.com/watch?v=omo\\_rvq3A7M](https://www.youtube.com/watch?v=omo_rvq3A7M). Accessed June 3, 2020.
  277. The Aspen Institute. 'The Cut on Tuesdays' Podcast: How Leana Wen Gets It Done (Live Taping) [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=K4FnBKw7DVE>. Accessed June 3, 2020.
  278. BUILD Series. Shaun White Discusses "Countdown Korea" [Video]. YouTube. 2017. Available at: <https://www.youtube.com/watch?v=tN7nV9IAq78>. Accessed May 9, 2020.
  279. Bilyeu T Shaun White on always winning, even when you lose | Impact Theory [Video]. YouTube. 2017. Available at: [https://www.youtube.com/watch?v=ULPE3\\_nPNL0&t=613s](https://www.youtube.com/watch?v=ULPE3_nPNL0&t=613s). Accessed May 9, 2020.
  280. lamOTHER. Pharrell Williams speaks at Design Miami [Video]. YouTube. 2012. Available at: [https://www.youtube.com/watch?v=1tYvNv\\_mz6g](https://www.youtube.com/watch?v=1tYvNv_mz6g). Accessed April 29, 2020.
  281. Fast Company. Pharrell Williams and Illumination's Chris Meledandri on creativity and collaboration | Fast Company [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=2S8YU6hXc5I>. Accessed April 29, 2020.
  282. St.PeteClearwater FilmCommission. Freddie Wong shares an evening of YouTube's tips & tricks in clearwater, FL [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=dByaYl691Y8>. Accessed April 21, 2020.
  283. Drinkin' Bros Podcast. Drinkin Bros Podcast #403 - Freddie Wong [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=4msXviQAK40>. Accessed April 21, 2020.
  284. Forbes. Malala on peace, drones, and Islam | Forbes [Video]. YouTube. 2014. Available at: <https://www.youtube.com/watch?v=iAhjiUjH-Pho>. Accessed June 26, 2020.
  285. SJSU. SJSU Welcomes Nobel Peace Prize Laureate Malala Yousafzai and Apple CEO Tim Cook [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=u2nWyo0zHDw&t=270s>. Accessed June 26, 2020.
  286. Washington Post. Watch live: Facebook CEO Zuckerberg speaks at Georgetown University [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=2MTpd7YOnyU&t=2787s>. Accessed April 15, 2020.
  287. MyNextGadget. Mark Zuckerberg Townhall Q&A At IIT Delhi Highlights | 28.10.2015 [Video]. YouTube. 2015. Available at: <https://www.youtube.com/watch?v=nqkKiGhlyXs>. Accessed April 15, 2020.
  288. Harvard Law School. Zittrain and Zuckerberg discuss encryption, 'information fiduciaries' and targeted advertisements [Video]. YouTube. 2019. Available at: <https://www.youtube.com/watch?v=WGchhsKhG-A&t=517s>. Accessed April 15, 2020.
  289. Y Combinator. Mark Zuckerberg at Startup School 2013 [Video]. YouTube. 2013. Available at: <https://www.youtube.com/watch?v=MGsalg2f9js&t=47s>. Accessed April 15, 2020.
  290. Bryan, Susannah (October 26, 2016). Former Fraudster Who Inspired 'Catch Me If You Can' Now Works to Thwart Scammers. Sun Sentinel. Accessed June 10, 2020.
  291. Cox, Robert (January 13, 2019). Secret Service High Rise Raid Tied to New Rochelle Post Office Check-Washing Scheme, Sources. Talk of the Sound. Accessed June 10, 2020.
  292. Augustyn, Adam. J.J. Abrams. Encyclopedia Britannica. Accessed May 1, 2020.
  293. J.J. Abrams: On Filmmaking. BAFTA Guru; 2013. Accessed May 1, 2020.
  294. Kareem Abdul-Jabbar - Academy of Achievement. 2017. Available at: [achievement.org](https://www.achievement.org). Accessed May 13, 2020.
  295. Tolentino J. *Gloria Allred's Crusade*. The New Yorker; 2017. Accessed May 30, 2020.
  296. The State Bar of California: Gloria Rachel Allred. Available at: [calbar.ca.gov](https://calbar.ca.gov). Accessed May 30, 2020.
  297. Kameir R. *Cardi B Did It Her Way*. The Fader; 2017. Accessed May 27, 2020.
  298. Kameir R. *Cardi B's So-Called Life*. The Fader; 2016. Accessed May 27, 2020.
  299. *The 50 Most Influential Living Psychologists in the World - The Best Schools*. 2019.. Available at: [thebestschools.org](https://thebestschools.org). Accessed June 9, 2020.
  300. Bio – Steve Austin Broken Skull Ranch. Steve Austin Broken Skull Ranch. Accessed May 11, 2020.
  301. GQ Sports. LaVar Ball Goes Undercover on Reddit, YouTube, Twitter and Wikipedia – Actually Me. GQ Sports. Accessed May 6, 2020.
  302. Cimini R. *That Time Lavar Ball Was a 'Cocky' Nobody On Jets' Camp Roster*. ESPN; 2017. Accessed May 6, 2020.
  303. Cacciola S. *Lonzo Ball Strives to Be a Point Guard Fit of A King*. The New York Times; 2018. Accessed May 6, 2020.
  304. UPI staff. *Famous Birthdays for July 18: Vin Diesel, Kristen Bell*. United Press International; 2019. Available at: [UPI.com](https://www.upi.com). Accessed June 10, 2020.
  305. Griffiths S. *'Dunce' Branson Says Dyslexia Sign of Potential*. The Times; 2017. Accessed June 10, 2020.
  306. *Donna Brazile: Born for Politics*. USA Today; 2000. Accessed June 26, 2020.
  307. Gini Moore Campbell. Brooks, Troyal Garth. The Encyclopedia of Oklahoma History and Culture. Accessed May 12, 2020.
  308. Fowler J 2018. Antonio at 30: how Brown stacks up against Rice, what's next. Available at: [ESPN.com](https://www.espn.com). Accessed June 5, 2020.
  309. Machlin T. *Details Emerge from Antonio Brown's Return to College*. The Spun; 2019. Accessed June 5, 2020.
  310. Donelson S. *Bobbi Brown*. TimeOut New York; 2009. Accessed June 8, 2020.
  311. Brown B. *How I Did It: Bobbi Brown, Founder and CEO, Bobbi Brown Cosmetics, INC*; 2007. Accessed June 8, 2020.
  312. Steinberg, Marty. Warren Buffett Archive. CNBC. Accessed March 31, 2020.

313. Shnayerson M. *An Empire of Her Own*. Vanity Fair; 2007. Accessed May 27, 2020.
314. Santiago Calatrava Biography – Life, Family, Children, Name, Story, Wife, School, Mother, Young – Newsmakers Cumulation. Available at: [notablebiographies.com](http://notablebiographies.com). Accessed May 16, 2020.
315. Jefferson G. *What Makes Castro Run? It Depends Who is Asked*. San Antonio Express-News; 2009. Archived from the original on March 24, 2009. Accessed April 20, 2020.
316. Feldman J. *Meet the First Ever Male Covergirl, James Charles*. Huffington Post; 2016. Accessed April 21, 2020.
317. Stiegman K. *James Charles' High School Graduation Cap Was So Iconic*. Seventeen; 2017. Accessed April 21, 2020.
318. Musleah R. *The Gloriously Anxious Art of Roz Chast*. Hadassah magazine; 2016.. Available at: [hadassahmagazine.org](http://hadassahmagazine.org). Accessed May 21, 2020.
319. Gianoulis T. RuPaul (RuPaul Andre Charles) (PDF). *GLBTQ: An Encyclopedia of Gay, Lesbian, Bisexual, Transgender, and Queer Culture*. GLBTQ, Inc; 2005. Archived (PDF) from the original on January 12, 2017. Accessed April 22, 2020.
320. Hennes D. *A Humble Servant in the City Of Broad Shoulders*. St. Thomas University; 2015. Accessed April 27, 2020.
321. English B. *Two With Mass. Roots Join 'Crossfire' Revival*. Boston Globe; 2013. Accessed May 19, 2020.
322. About Dr. Davis. Environmental Health Trust. Archived from the original on August 13, 2012. Accessed May 20, 2020.
323. Levinson A. *Harvard Law Professor Alan Dershowitz Makes Career Out of Legal Chutzpah*. AP NEWS; 1989. Archived from the original on July 13, 2019. Accessed May 16, 2020.
324. RJ DiAngelo. Library of Congress. Accessed May 23, 2020.
325. About me. Available at: [Robindiangelo.com](http://Robindiangelo.com). Accessed May 23, 2020.
326. Brown L. 2010. Taste of St. Louis first major event to use Square: Business. Available at: [Stltoday.com](http://Stltoday.com). Accessed May 5, 2020.
327. Leonard T. *Profile Twitter founders: Jack Dorsey, Biz Stone and Evan Williams*. Telegraph; 2009. Accessed May 5, 2020.
328. RS Durvasula. Prabook. Accessed June 7, 2020.
329. Biography.com editors 2019. Charlie Sheen Biography. Available at: [Biography.com](http://Biography.com). Accessed May 7, 2020.
330. Archdeacon T. *Arch Interviews Martin Sheen: 'Activism Is What I Do to Stay Alive'*. Dayton Daily News; 2015. Accessed May 7, 2020.
331. Steinbeiser A. 2015. Happy Birthday! Morgan Freeman turns 78 today. Available at: [ComicBook.com](http://ComicBook.com). Archived from the original on June 1, 2015. Accessed May 10, 2020.
332. Fuchs S. *Freeman, Morgan*. Encyclopedia of African-American Culture and History – via HighBeam Research; 2006. Archived from the original on November 16, 2012. Accessed May 10, 2020.
333. The Editors of Encyclopaedia Britannica. Bill Gates. Encyclopedia Britannica. Accessed April 17, 2020.
334. Johnson J. *'Goldbergs' Actor and Park Ridge Native Sean Giambrone to Star in New Disney Channel Film*. Park Ridge Herald-Advocate; 2019. Accessed April 30, 2020.
335. Tyrnauer M. *Architecture in the Age Of Gehry*. Vanity Fair; 2010. Accessed May 14, 2020.
336. Templer K. *Frank Gehry*. Salon; 1999. Accessed May 14, 2020.
337. Curriculum vitae, Jane Goodall, PhD, DBE (PDF). Jane Goodall Institute. Archived from the original (PDF) on 26 April 2012. Accessed June 5, 2020.
338. Fekadu M. *An Excited Drake: 'I Got My High School Diploma'*. The Seattle Times; 2012. Accessed April 10, 2020.
339. Steinberg S. Alum Gupta Nominated for Surgeon General Post. The Michigan Daily. Wednesday January 14, 2009. P. 1A. Accessed April 23, 2020.
340. Stoeffel K. *MSNBC's Fresh-Faced Chris Hayes Makes It 'Up' As He Goes Along*. The New York Observer; 2011. Accessed May 1, 2020.
341. Hayden M. *Pro-Trump Troll Shoots Up David Hogg Effigy With Assault Rifle, Gets Banned From Twitter*. Newsweek; 2018. Accessed May 2, 2020.
342. Shamsian J. *Parkland Shooting Survivor David Hogg Is Going to Harvard After Getting a Reported 1270 On The SAT – It Shows Test Scores Aren't Everything*. INSIDER; 2018. Accessed May 2, 2020.
343. Biography.com editors 2020. Enrique Iglesias Biography. Available at: [Biography.com](http://Biography.com). Accessed May 8, 2020.
344. Eldridge A. Julio Iglesias. Encyclopedia Britannica. Accessed May 8, 2020.
345. Annie Jacobsen - the Daily Beast. Available at: [thedailybeast.com](http://thedailybeast.com). Accessed May 19, 2020.
346. Smilgis M. *A Rock 'n Roll Marriage*. People Magazine; 1977. Accessed May 31, 2020.
347. Kristen Mary Houghton, born 11/5/1955. California Birth Index. Accessed May 29, 2020.
348. Siczkowski C. *Kris Jenner's High School Yearbook Photo Takes Us Back to a Time Before Kardashian-Mania*. Huffpost; 2013. Accessed May 29, 2020.
349. Ha Jin - Boston University Arts and Sciences. Boston University. Accessed May 12, 2020.
350. Saini M. *Kim Kardashian Powering to the Top*. Forbes; 2010. Accessed May 25, 2010.
351. Austin C, Acuna K. *Check Out the Elite Schools Where Celebrities Send Their Kids*. Business Insider; 2012. Accessed May 25, 2010.
352. D'Onofrio M. *From Rockville Centre to the White House, Presidential Historian Returns to Long Island*. LI Herald; 2018. Accessed May 30, 2020.
353. Lipsky S. *For love of New York City: Why Ray Kelly Might Run*. New York Post; 2015. Accessed April 26, 2020.
354. Gittins I. *'I love Chopin... He's my dawg': Alicia Keys*. The Guardian; 2001. Accessed May 17, 2020.
355. Clayton J. *Interview: DJ Khaled*. The Fader; 2013. Accessed May 3, 2020.
356. Pfeiffer R. *DJ Khaled's Journey of Success Began Long Before Snapchat*. Miami New Times; 2016. Accessed May 3, 2020.
357. Taylor W. *Meet Mia Khalifa, the Lebanese Porn Star Who Sparked a National Controversy*. Newsweek; 2015. Accessed May 18, 2020.
358. Biography - Billie Jean King. Available at: [billiejeanking.com](http://billiejeanking.com). Accessed May 20, 2020.
359. Fisher L. *Karlie Kloss Shares First Day as Student At NYU*. ABC News; 2015. Accessed June 12, 2020.
360. Forward 50 2015 2015. Available at: [Forward.com](http://Forward.com). Accessed May 20, 2020.
361. Fang M. *Uncommon Interview: Serial's Sarah Koenig (A.B. '90)*. The Chicago Maroon; 2015. Accessed May 20, 2020.
362. Cody Kolodziejzyk. Available at: [goduke.com](http://goduke.com). Accessed June 11, 2020.
363. Cue E. *Interview With Jeff Koons*. The Huffington Post; 2016. Accessed June 1, 2020.
364. Obrist H-U. *Life Through Annie's Lens*. GQ; 2012. Accessed June 9, 2020.
365. Moore DD. Deborah Lipstadt. *Jewish Women: A Comprehensive Historical Encyclopedia*. Jewish Women's Archive; 2009. Accessed May 22, 2020.
366. Chang R. *5 Things to Know About 'Ocean's Eight' Star Awkwafina*. Us Weekly; 2017. Accessed May 28, 2020.
367. M Luttrell. Available at: [navyseals.com](http://navyseals.com). Archived from the original on November 1, 2012. Accessed May 4, 2020.
368. Kirst S, 2019. 'I think he liked our position': on the birthday of John Lennon, Oren Lyons remembers a friend. Available at: [Syracuse.com](http://Syracuse.com). Accessed June 7, 2020.
369. *Yo Yo Ma Named U.N. Peace Ambassador*. USA Today. Associated Press; 2006. Accessed April 22, 2020.
370. *Two Alumni Win Rhodes, Marshal Scholarships*. Stanford University News Service; 1994. Accessed May 19, 2020.
371. Farokhmanesh M. *Youtuber's Anti-Vidcon Convention Tanacon Was Such a Disaster That Fans are Comparing It to Fyre Fest*. The Verge; 2018. Accessed May 27, 2020.
372. No Jumper. *The Tana Mongeau interview [Video]*. YouTube. 2017. Available at: <https://www.youtube.com/watch?t=1530s&v=bhZGQXbztOo>. Accessed May 27, 2020.
373. Straehley S, 2014. Surgeon General of the United States: who is Vivek Murthy? Available at: [AllGov.com](http://AllGov.com). Accessed June 5, 2020.
374. Hull D. *Timeline: Elon Musk's Accomplishments*. The Mercury News; 2016. Accessed March 28, 2020.
375. Howard C. *Meet the 2017 Class of 30 Under 30*. Forbes; 2017. Accessed June 18, 2020.
376. Obama joins list of seven presidents with Harvard degrees. Available at: [news.harvard.edu](http://news.harvard.edu). 2008. Accessed April 20, 2020.
377. Guthrie M. *Watch Out, America: John Oliver is Officially a U.S. Citizen Now*. The Hollywood Reporter; 2020. Accessed June 19, 2020.
378. Tikkanen A. *Mehmet Oz Biography - Turkish American Surgeon, Educator, and Author*. Encyclopædia Britannica; 2020. Accessed June 11, 2020.
379. Cornwell R. *Ellen Pao, Profile: The Woman Who Ran Reddit, and That Silicon Valley Loves To Hate*. The Independent. Independent Print Limited; 2015. Accessed May 20, 2020.
380. Moss C. *Logan Paul Has Conquered the Internet, But He Can't Figure Out How to Conquer The World*. Business Insider; 2015. Accessed June 6, 2020.
381. Wakin DJ. *Tapping Dancers for Ballet Company*. The New York Times; 2006. Accessed June 2, 2020.
382. Bennett C, 2009. Legendary lawmen: Joe Pistone. Available at: [Officer.com](http://Officer.com). Accessed June 11, 2020.
383. Martinez L. *Jorge Ramos: Newsmen of the Americas: Univision's Jorge Ramos Receives Lifetime Achievement Award*. Broadcasting & Cable; 2008. Accessed June 23, 2020.
384. Reich-Shakelford V 2017 Part 1: not just Marie Curie – west coast women in engineering, science and technology - Simon Fraser University. Available at: [www.sfu.ca](http://www.sfu.ca). Accessed May 29, 2020.
385. Player Bio: Megan Rapinoe. United States Soccer Federation. Archived from the original on July 5, 2012. Accessed June 24, 2020.
386. Williams D. *How Good Was Phil Robertson at Football?* ESPN; 2013. Accessed May 6, 2020.
387. Anderson H. *Duck Punt: How Phil Robertson Found Stardom After Giving Up Football*. Sports Illustrated Campus Union; 2012. Archived from the original on September 27, 2013. Accessed May 6, 2020.
388. Belus A. *Korie Robertson Reveals She Fell in Love With Willie in Third Grade in Sweet Birthday Message*. In Touch; 2018. Accessed May 5, 2020.
389. Duck Dynasty on A&E about the Duck Commander family of Phil Robertson, filmed near West Monroe Louisiana: videos, cast of characters, maps, episodes, links. Available at: [Louisiana-destinations.com](http://Louisiana-destinations.com). Accessed May 5, 2020.
390. Schwartzapfel B. *It's All About Love*. Brown Alumni Magazine; 2009. Accessed May 24, 2020.
391. Smialek J. *Trump Team Vets Fed Critic for Board Seat*. The New York Times; 2019. Accessed May 29, 2020.
392. Roig-Franzia M. *Kyrsten Sinema: A Success Story Like Nobody Else's*. The Washington Post; 2013. Accessed June 18, 2020.
393. Lacayo R. *Sonia Sotomayor: A Justice Like No Other*. Time; 2009. Accessed May 21, 2020.
394. *Martha Stewart Fast Facts*. CNN; 2019. Accessed May 31, 2020.

395. Levy D, 2000. 'LennyFest' roasts physicist Susskind on his 60th birthday. Available at: [news.stanford.edu](https://news.stanford.edu). Accessed April 28, 2020.
396. Lamont T. *Harry Styles: 'I'm Not Just Sprinkling in Sexual Ambiguity to Be Interesting'*. The Guardian; 2019. Accessed April 19, 2020.
397. Helmore E. *The New Sage of Wall Street*. The Guardian; 2008. Accessed June 24, 2020.
398. Barnhill T. *Distinguishing Features: The Distinguished Alumni of 2007*. The Alcalde; 2007. Accessed June 1, 2020.
399. *Angie Thomas [USA] – Biography*. internationales literaturfestival berlin; 2017. Accessed May 28, 2020.
400. Kelly E. *Six Things About Rashida Tlaib, Who Will Likely Become First Muslim Woman in Congress*. USA TODAY; 2018. Accessed May 18, 2020.
401. Cahalan R. *Star Power*. The Alcalde; 2012. Accessed April 23, 2020.
402. Okubasu D, 2020. Kenyan-born MSNBC news anchor Ali Velshi who is making waves in America. Available at: [kenyans.co.ke](https://kenyans.co.ke). Accessed Jun 23, 2020.
403. Gardner C. *New Power Couple Alert: Barry Jenkins Makes Red Carpet Debut With Indie Filmmaker Lulu Wang*. The Hollywood Reporter; 2019. Accessed June 27, 2020.
404. Yap AC. *Filmmaker Lulu Wang is proving Asian-American 'Stories Are Worthwhile'*. NBC News; 2016. Accessed June 27, 2020.
405. Wen LS. *Leana Wen: An Immigrant's Story*. The Baltimore Sun; 2017. Accessed June 3, 2020.
406. *Leana Wen Joins Milken Institute*. GWU; 2019. Accessed June 3, 2020.
407. Shaun White – Team USA. Available at: [Teamusa.org](https://teamusa.org). Accessed May 9, 2020.
408. Burrell I. *Pharrell Williams - Profile: Happiness Is His Truth*. The Independent; 2014. Accessed April 29, 2020.
409. Rolph A. *Seattle's 'Hero' Struts into Rock Stardom*. Seattle Post-Intelligencer; 2007. Accessed April 21, 2020.
410. Malala Yousafzai graduates from Oxford University. 2020. Available at: [bbc.co.uk](https://bbc.co.uk). Accessed June 26, 2020.
411. Klepper D. *Mark Zuckerberg, Harvard Dropout, Returns to Open Arms*. Christian Science Monitor; 2011. Accessed April 15, 2020.
412. Funk S, Salathé M, Jansen VA. *Modelling the influence of human behaviour on the spread of infectious diseases: a review*. *J R Soc Interface*. 2010;7:1247–1256.
413. Gozzi N, Perrotta D, Paolotti D, Perra N. *Towards a data-driven characterization of behavioral changes induced by the seasonal flu*. *PLoS Comput Biol*. 2020;16:e1007879.