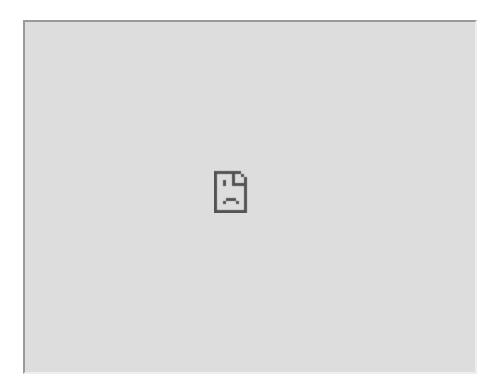
## Democrat professor: Google & Facebook are manipulating elections "on a massive scale"

by <u>IWB</u> 0s

Trump will lose in 2020 unless this is addressed.



1) In 2016, biased search results generated by Google's search algorithm likely impacted undecided voters in a way that gave at least 2.6 million votes to Hillary Clinton. I know this because I preserved more than 13,000 election-related searches conducted by a diverse group of Americans on Google, Bing, and Yahoo in

the weeks leading up to the election, and Google search results which dominate search in the U.S. and worldwide -were significantly biased in favor of Secretary Clinton in all 10 positions on the first page of search results in both blue states and red states. I know the number of votes that shifted because I have conducted dozens of controlled experiments in the U.S. and other countries that measure precisely how opinions and votes shift when search results favor one candidate, cause, or company. I call this shift "SEME" - the Search Engine Manipulation Effect. My first scientific paper on SEME was published in the Proceedings of the National Academy of Sciences in 2015 and has since been accessed or downloaded from PNAS's website more than 200,000 times. SEME has also been replicated by a research team at one of the Max Planck Institutes in Germany. SEME is one of the most powerful forms of influence ever discovered in the behavioral sciences, and it is especially dangerous because it is invisible to people –"subliminal," in effect. It leaves people thinking they have made up their own minds, which is very much an illusion. It also leaves no paper trail for authorities to trace. Worse still, the very few people who can detect bias in search results shift even farther in the direction of the bias, so merely being able to see the bias doesn't protect you from it. Bottom line: biased search results can easily produce shifts in the opinions and voting preference of undecided voters by 20 percent or more –up to 80 percent in some demographic groups.

Bear in mind here that all Google search results are, in a sense, biased. There are no equal-time rules built into Google algorithm. It always puts one widget ahead of another–and one candidate ahead of another. SEME is an example of an"ephemeral experience," and that's a phrase you'll find in

internal emails that have leaked from Google recently. A growing body of evidence suggests that Google employees deliberately engineer ephemeral experiences to change people's thinking. (For details about the methodology used in SEME experiments, please see the Appendix at the end of this testimony.) Since 2013, I have discovered about a dozen subliminal effects like SEME, and I am currently studying and quantifying seven of them.

- 2) On Election Day in 2018, the "Go Vote" reminder Google displayed on its home page gave one political party between 800,000 and 4.6 million more votes than it gave the other party. Those numbers might seem impossible, but I published my analysis in January 2019, and it is quite conservative. Google's data analysts presumably performed the same calculations I did before the company decided to post its prompt. In other words, Google's "GO VOTE" prompt was nota public service; it was a vote manipulation.
- 3) In the weeks leading up to the 2018 election, bias in Google's search results may have shifted upwards of 78.2 million votes to the candidates of one political party (spread across hundreds of local and regional races). This number is based on data captured by my 2018 monitoring system, which preserved more than 47,000 election-related searches on Google, Bing, and Yahoo, along with the nearly 400,000 web pages to which the search results linked. Strong political bias toward one party was evident, once again, in Google searches.
- 4) My recent research demonstrates that Google's "autocomplete" search suggestions can turn a 50/50 split among undecided voters into a 90/10 split without people's awareness.

A growing body of evidence suggests that Google is manipulating people's thinking and behavior from the very first character people type into the search box.

5) Google has likely been determining the outcomes of upwards of 25% of the national elections worldwide since at least 2015. This is because many races are very close and because Google's persuasive technologies are very powerful.

## **SOURCE:**

www.judiciary.senate.gov/download/epstein-testimony