

ALL COVID-19 IS LOCAL, BBQ EDITION

BBQ: In KC, it's how we recognize the
Apocalypse, and it's also a beacon of hope.

WHERE'S THE BEEF? REPUBLICANS DON'T UNDERSTAND CRITICAL INFRASTRUCTURE AND SUPPLY CHAINS

As we reopen without having taken the
opportunity created by the shutdown to figure
out how to keep workplaces safe, what happened
in the meatpacking industry will happen in other
parts of the economy.

JAIL COULDN'T SILENCE THE MUSIC OF ALBANY IN 1961 AND A VOLUNTARY LOCKDOWN WON'T SILENCE THEM NOW

The parallels between 1961 and 2020 in Albany
are striking. The citizens of Albany took a
stand for what is right in 1961 and were locked
up for it. They realized that this suffering

while locked up would help everyone in the struggle for civil rights. Today, the citizens of Albany are once again organizing and this time they're locking themselves up. Just like before though, this round of being locked up is being undertaken with the knowledge that it is for the good of their community and their country.

AN UPDATE ON THE HUMAN EXPERIMENT IN MARION PRISON

Ohio started testing entire populations of several prisons in April. Thus far, .5% to 1.6% of prisoners who tested positive have died.

LIVE AND LET DIE: THE DATA MANIPULATION BEGINS

Trump has chosen the worst of all options with his COVID-19 response, with epidemiological efforts that have a huge impact on the economy, but halted before any lasting epidemiological value. So now, Trump and his allies are lying with numbers to pretend the stupidity of this path isn't known.

AFTER YEARS OF SQUEALING ABOUT “FISA ABUSE,” TRUMP’S DNI NOMINEE WON’T RULE OUT WARRANTLESS WIRETAPPING

John Ratcliffe is an appalling choice to be Director of National Intelligence. But there’s the clear sense that SSCI is so anxious to replace Ric Grenell that they’d prefer him.

JOHN RATCLIFFE DEMONSTRATES HOW HE’LL POLITICIZE INTELLIGENCE BY CLAIMING TRUMP HAS BEEN HONEST ABOUT COVID-19

John Ratcliffe said over and over in his confirmation hearing that he won’t politicize intelligence. And then he provided far clearly proof that he will.

MICHIGAN'S MILITIA-LIKE MORONS CAN'T MATH [UPDATE]

At this rate we'll be under some form of quarantine all damned summer because these spoiled, stupid wretches can't make the connection between their bad behavior and Michiganders' deaths.

NY TIMES FINDS TRUMP ADMINISTRATION INSERTED WUHAN CABLES INTO THE ALUMINUM TUBES ECHO CHAMBER

The Trump Administration is supporting an effort to present dubious information as confirmed intelligence on the escape of SARS CoV-2 from a Chinese lab, apparently in an effort to deflect blame from Trump's poor response to the outbreak and to stoke tension between the US and China.

A VIDEO GUIDE TO UNDERSTANDING COVID-19 WITHOUT

FREAKING OUT

It's a complicated time, and we're all emotionally worn out.

Here at emptywheel we've covered the current pandemic's scientific side in some depth. (see Jim White's look at the origin of the virus, Rayne has done several very good updates on the science, politics, and misinformation, and I've gone into the mechanisms of the disease and how it compares to other pandemics)

But we haven't done as much for the overtaxed, overwhelmed reader who just wants some pretty pictures and gentle talking heads to make Covid-19 make sense. Even those of you who voraciously keep up with Marcy's intricate political and media analyses might like to give the emotional roller coaster a break, and still feel like you have some frickin' idea what is going on.

The Modeling

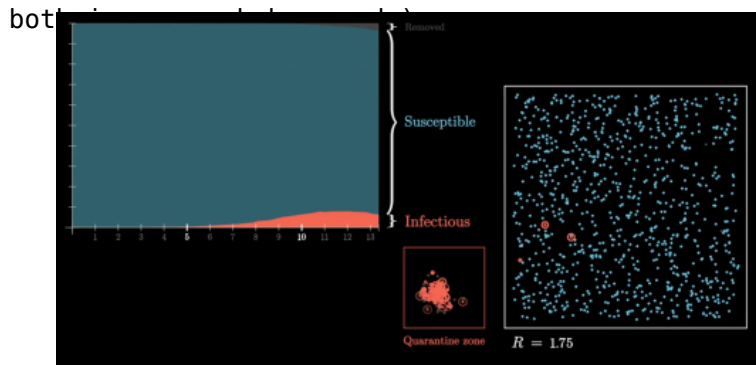
Nothing is more calming yet informative than 3Blue1Brown's soothing and surprisingly clear explanation of epidemic models. This 3Blue1Brown explainer uses SIR, a mathematical modeling system for epidemics. While simplified, it can give you a sense for how more complicated models work, and why policies like social distancing and contact tracing are important and effective.

SIR stands for:

S = the number of susceptible individuals

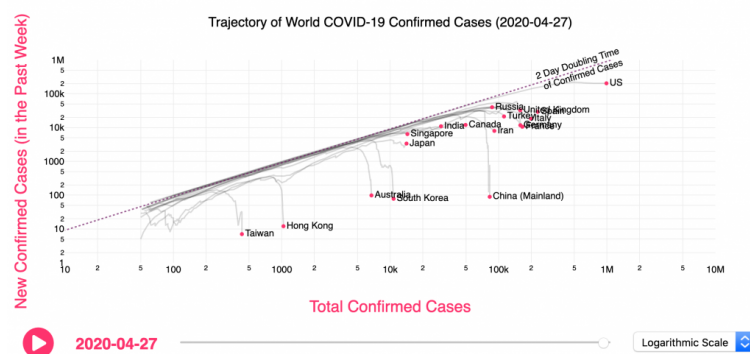
I = the number of infected individuals

R = the number of removed individuals (removed here means no longer infectious, and includes



3Blue1Brown is also one of the most pleasant-to-watch Youtubers of all time. Even when you don't have any clue about the math he's describing, it all comes together and you feel smarter by the end. "It's the mental equivalent of ice-skating," my daughter says, "You're a little bit worried about falling over, but it's nice."

The smartypants at minutephysics and Aatish Bhatia teamed up to visualize the progress of Covid-19 cases around the world. They use a visualization with a logarithmic map of total cases versus new cases to clearly show both how similar the track of the disease is, and what it looks like for a geographical area to get a handle on the spread. This video explains how it works, and here is the site where you can watch the model play with current data.



But why did this happen?

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d why now question is lurking in the back of everyone's mind, and SciShow comes through on it. SciShow has a long and storied history of well-researched and approachable science education, and their video tackling the zoonotic source of Covid-19 (and other viruses) in bats keeps in the tradition. Bats have evolved different approaches to having a mammalian immune system, which makes them better at handling some of the viruses and worse at handling other pathogens we can overcome easily – this is why their viruses can be so rough on us. We have a lot to learn from them, but we should probably stop disturbing their habitats if we don't want to keep catching novel viruses from them.

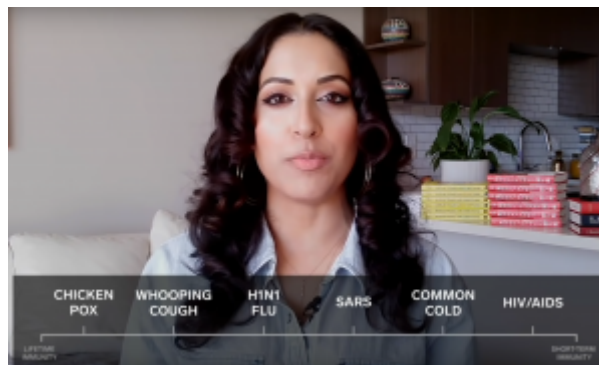
The Medicine

If you've heard a lot of terms and you don't know what they mean, Dr. Hope's Sick Notes goes through 26 of them with clear and non-technical definitions. Dr. Hope is an NHS doctor who teaches and works in an English emergency department as well as a YouTuber. (His ongoing Covid-19 vlog is great, but more stress inducing than the videos featured here.) He gives easy explanations of complicated concepts with handwritten flashcards, a nice soft focus, and some comforting quiet background music. At the end he hands it over to Dr. Sonia, an anesthesiologist at the same hospital, defining some of the more hardcore technical terms we've been hearing in the media, but with equal calming friendliness.



Dr.
Sonia

appears in our next video as well, as an avid AFOL (Adult Fan of Lego). Dr. Hope and Dr. Sonia discuss how the ICU and ventilation really work, demonstrating with a detailed Lego model built by Dr. Sonia in her day off. It goes over all of the scary terms and procedures and why and how they're used, but with Lego, so it's fine. My daughter confirmed this too.



There's a lot of questions about immunity, herd immunity

ty, and the potential for re-infection, and a lot of misunderstanding about what any of those terms mean. Dr. Seema Yasmin breaks it down on a spectrum from life-long immunity to HIV (The worst). Where and how Covid-19 might fit into this is yet to be found, but she lays down the situation and puts it in context.

And Finally, Something of Less Value

Watching night shows, comedy news, and Youtubers adapt to filming inside their houses has been

some hits and a lot of misses, but there's a few amazing hits. These aren't so much information about Covid-19 as a few gems life in quarantine has generated. Relax, it's what everyone's therapist is suggesting we do.



Stephen Colbert interviewing fellow Daily Show alumnus John Oliver is somehow both unbearable and ten minutes of comedy gold. I wish all late night interviews could be like this, but I also think that would kill me.



Kate McKinnon takes to a spare bedroom to reprise her role as Barbara DeDrew, trying to get you to

adopt a cat, any cat, all the cats, from Whiskers R We.

Last but not least: what would you say to yourself, if you could travel back to January?

Please feel free to add your own calming and informative, or just funny contributions in the comments, BUT NO STRESS INDUCERS!!!!11!!!!

Um, am I doing this right?

My work for Emptywheel is supported by my wonderful patrons on Patreon. You can find out more, and support my work, at Patreon. Thanks to H.alhajji for the featured image.