

State of the Bands

March 10, 2020



Stop Watching | Start Living



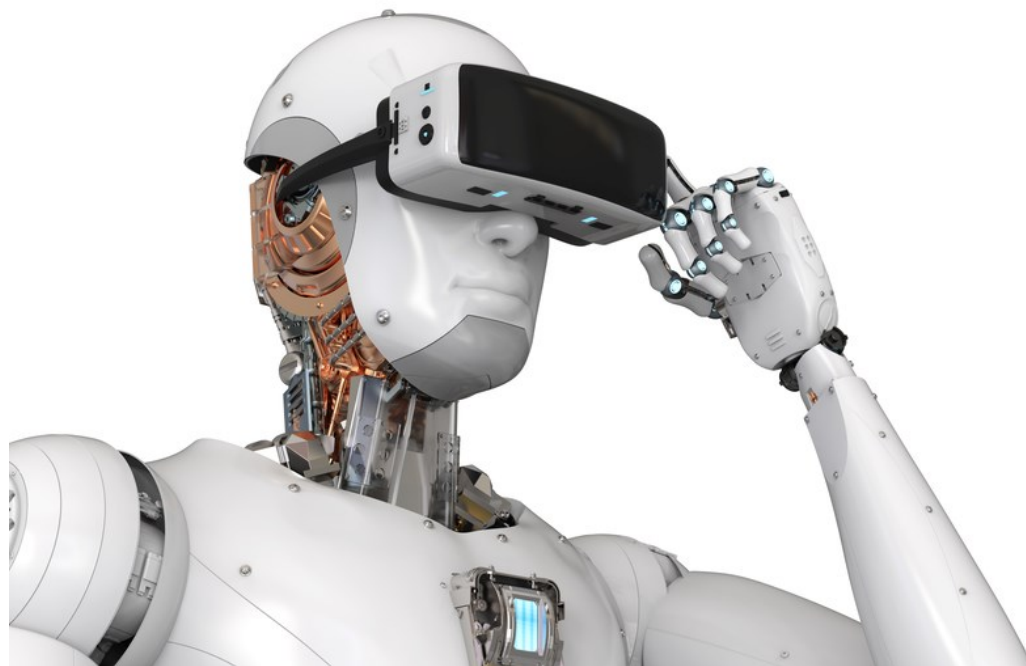
Our Mission

To enthusiastically provide dynamic tools, research, and services within the financial community by empowering institutions and individuals to redefine what financial freedom really means.



Introduction

In this issue of State of the Bands - It's a Bird! It's a plane! It's Super Tuesday! But... I'm from the parish... Puerto Rico. Is it a trap or is it a poll? What's the skinny grandpa and Brexit: Tuck In or Get out but either way It's Over!

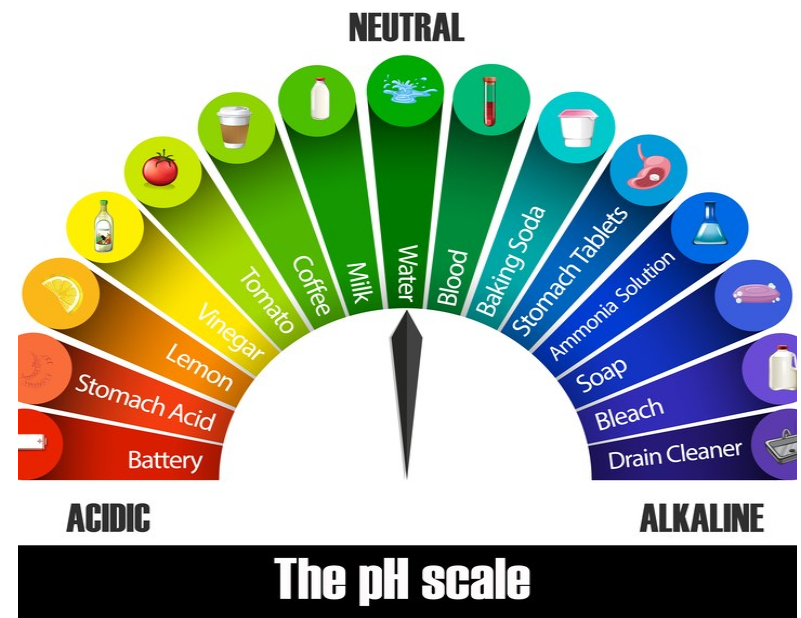


What's the Skinny Grandpa? - Virtual Reality Skin

In the medical sense, synthetic skin has been around since at least the 1970s; artificial skin is typically a collagen-based scaffold that induces regeneration of skin. Technology is advancing to the point where tissue can be lab grown so there will eventually be no need for dermis donors.

Medical advances aside, what if we told you that there are companies out there investing in building synthetic skin for other uses? A synthetic skin is being developed to add the sense of touch to videogames.

Initially developed by John Rodgers at Northwestern University in Illinois, the synthetic skin is



Fun Fact: Skin is the largest human organ and the largest organ in general. The skin surface pH is acidic, and while usually around a pH of 5.0 on average it can range from 4.0 to 7.0.

a patch that vibrates and pushes the skin's surface to simulate touch. The original use of this skin was to provide the simulation of touch for lost limbs to amputees.



It's a Bird, It's a Plane It's Super Tuesday!

If you have been keeping up with American politics, you know that Super Tuesday recently occurred on March 3, 2020. For those of you who may not know, Super Tuesday is the US presidential primary election day when the greatest number of US states hold primary elections and caucuses. While it is an unofficial term, Super Tuesday has been used to refer to this day since at least 1976.

You may have noticed that there were quite a few candidates who dropped out after early voting, but before Super Tuesday. This begs the question: what happens to your vote after a candidate drops out?



Fun Fact: Alexander Hamilton and James Madison were both against domestic political factions and both wrote about the dangers of having them. To be clear, a political faction is a group of individuals with a larger entity (ie: a political party), so both of them would be against the two party system that is currently accepted in the US.



What's the skinny Grandpa? - Virtual Reality



The same patch was also used to simulate strikes in a combat videogame. Leveraging the new knowledge of stretchable electronics and wireless power transfer, the patch of synthetic skin is thin, flexible, and able to work wirelessly, so it should be relatively easy for consumers to use once it is ready for release to the public.

The inventor is currently working on refining the touch sensations to add the ability to feel warmth and coolness in addition to touch. Rodgers is not alone in this venture. Imagine finally being able to pet that yellow electric type mouse or hug a family member 100s of miles away!

Technology Stocks

AMD - Advance Micro Devices Inc

INTC - Intel Corp

SABR - SABRE Corp

Prosthetic Company Stocks

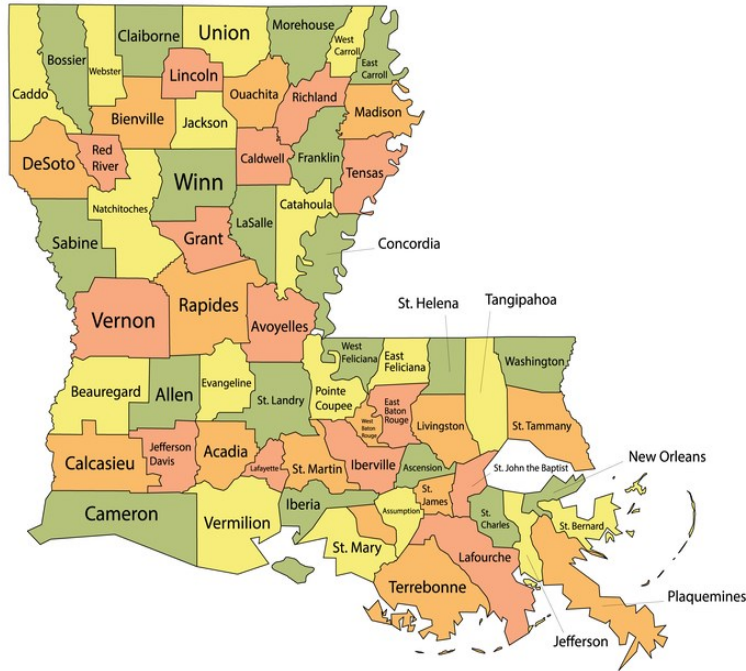
ABMD - Abiomed Inc

CFMS - CFMS Inc

SIEN - Sientra Inc.



But I'm From The Parish... Puerto Rico!



The good news is, your vote still counts, but it can only count to the candidate you initially voted for. You cannot cast a second vote and your vote does not go to another candidate and cannot be transferred to candidate endorsed by your original candidate.

Something else to be aware of is that there are often other positions to vote for on the ballot as well. So, if you are thinking of not voting, please consider that the presidential candidate for the Democrats and Republicans may not be the only thing on the ballot in your county, parish or borough.

Fun Fact: Louisiana is divided into 64 parishes not counties.

Alaska is divided into 19 organized boroughs and 1 unorganized one. What a mess!



Puerto Rico - Zing! Swing! Savour the Sting!

You may recall that Puerto Rico was hit with back to back devastating natural disasters last year. You may not know that a warehouse of unused emergency aid was discovered in January of this year.

Recall that Puerto Rico was devastated by Hurricane Maria in 2017 resulting in approximately \$91.6 billion in damages and over 3,000 deaths. Following Hurricane Maria there were minor storms, but the most notable event since was a magnitude 6.4 earthquake that occurred earlier this year.

The discovery of the unused aid has created so much unrest with the people of Puerto Rico that a group of protestors dragged a guillotine to current governor Wanda Vázquez's residence. Vázquez was not elected into her present position as governor of Puerto Rico.



Fun Fact: Puerto Rico is an unincorporated US territory. Even though Puerto Rican residents cannot vote for US president, they can participate in the primaries.



...As she severs you Madam Guillotine!



Fun Fact: Madam Guillotine is a song from the musical “The Scarlet Pimpernel” written by Baroness Orczy in 1905. It was written 2 years after her stage play of the same title enjoyed a long run in London.

Ricardo Rosselló was originally elected governor and in August of 2019 resigned as governor after a questionable group chat he participated in from the Telegram app was leaked. Following his resignation, Pedro Pierluisi served as an interim governor, but in December of 2019, his appointment was deemed unconstitutional and Wanda Vázquez was elevated to the position.

Prior to this incident, she was planning to run in the 2020 election, but following this event there are no updates that indicate if she still intends to run for governor.

Aerospace & Defense Stocks

BA - Boeing

SIF - SIFCO Industry Inc.

TXT - Textron Inc



Tuck in Or Get Out! - Brexit: It's Over!



As the Brexit deadline approached, many EU citizens decided they could not live without Great Britain! Over 2 million EU citizens declared their citizenship to Britain just within the last 3 months of 2019. September alone reported 520,600 new applicants.

However the worrying is not over. There are over 100,000 EU citizens still residing within Great Britain who are unable to declare as of October 2019. This is mostly the elderly, disabled or illiterate who simply were not able to or were not informed that they need to declare UK citizenship.

Most of the hype that sparked this huge influx of people wanting to declare their undying love was the fear of having to pay obnoxiously high taxes, 45% on tea and jam alone just for being a foreigner. Luckily, it was a clean break up and Great Britain got to tell all it's new UK citizens thanks for the info!

Fun Fact: “Tuck In” is a British Term meaning to eat food with enthusiasm because you like it or just because you're hungry. This whole page might be considered “a bit cheeky” by British Standards.



It's a Trap or It's a Poll - Poll Predictions

Let's get back to the US presidential election, shall we? Usually around election time there are many articles containing predictions of the election outcome based on polled samples. Before we dive too far into this, it is first important to understand a sample and what it can mean for your results.

For example, you may have seen the following statistic published by major news networks "38% of beer drinking Americans say they won't order a Corona". Many of these articles claim that American beer drinkers are afraid or suspicious that there could be a link between the virus and the alcoholic beverage. But let's dig a bit deeper.



Fun Fact: While he was not the only one to make the prediction, Allan Lichtman was one of the few who predicted Donald Trump's 2016 win. Of note, he has predicted the election correctly 9 times.



It's a Trap or It's a Poll - Poll Predictions



The source of this statistic is from 5W Public Relations. While the original study has been removed from their site, you may notice that other food and drink related studies published by this company do not have meaningful statistics nor do these studies have a clear sample outlined. Which simply means they did not tell of how many people were in study or where the study was performed.

There is a huge difference between asking 100 people in person in Dresden, TN and pulling a sample of 1,000,000 people limited to US residents only via an online survey. The results will be dramatically different as the opinion of 1 person carries more weight within a group of 100, more than a group of 1,000,000. Something else to consider is that there is a sense of privacy when

someone answers an online survey versus giving a answer in person. Many people fear judgement and are more likely to answer honestly when given some level of privacy.



A Note about Poll Predictions

Now that we have covered samples, we can look at president poll predictions. Currently, there are not too many articles with presidential win predictions, and the lack of these articles may be due to the shock of the inaccuracy from the 2016 election.

This year, when the polls for the Presidential Election start to come out, ask yourself “What was the sample size?”, “How was the data collected?”, and “when was the data collected” before accepting what is reported to be the truth. Not all news is created equally.



News & Media Stocks

FOX - Fox Corporation

DISH - Dish Network Corporation

HMTV - Hemisphere Media Group

News & Media Stocks Continued...

VIAC - ViacomCBS Inc

SHAW - Shaw Communications Inc

HMTV - Hemisphere Media Group



Arbitrage Updates!

Get ready for some big changes that are coming within the next few months! In addition to releasing new indicators, there are quality of life improvements coming to the site. You may not have noticed yet, but now stocks and forex have an easy color coded watch list to always tell you whether it's time to buy, sell, or hold. For forex you can see this information on the 1 minute all the way up to the daily time frame.

Quality Of Life Improvements

Chat On Arbitrage Trade: April 2020

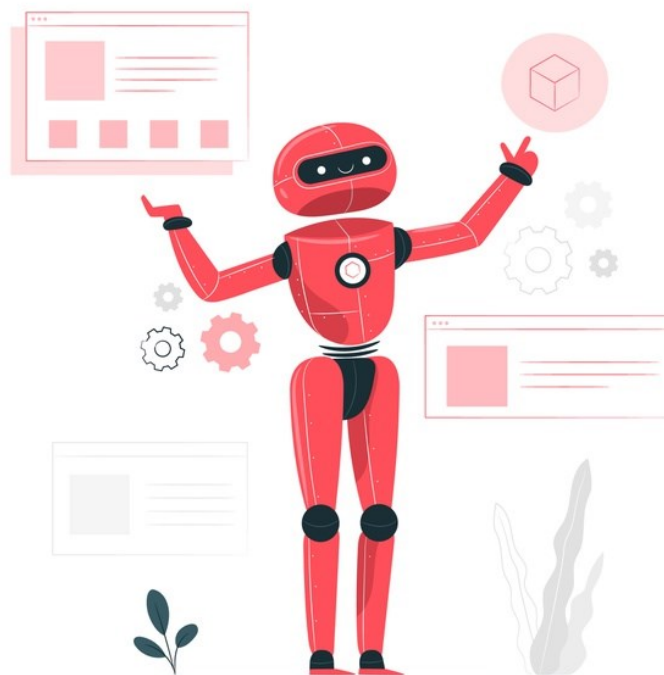
Mobile App: April 2020

Trade Assisted Automation: April 2020

Arbitrage Investment Club: March 2020

Cigna (Intermediate Members) : March 2020

Aetna (Intermediate Members): May 2020



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