

The American

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Humans of the future are just around the corner

It has taken perhaps 100,000 years (depending on your view of Darwinism) for humans to reach the stage we are in today. No tail, smaller teeth, larger skulls (for bigger brains). Our evolution has been slow and steady. It will continue, slowly. The little toe has no anatomical purpose, and today, millions of babies are being born world-wide without a little toe.

But there are significant changes that are happening now, and these changes will bring about Humanity V2, and it will come quickly. There are pacemaker/defibrillators that keep the heart beating. There are titanium knees. A [CardioMEMS](#) implanted in the lung tells doctors how CHF patients are doing. Prior to the CardioMEMS, bad hearts would send patients to the hospital at least 4 time per year (at \$40,000 per admission). The CardioMEMS has been very successful in keeping CHF patients out of the hospital.

There are other technologies being used for various diseases. There is an Australian device, a [KinetiGraph](#) worn on the wrist and affectionately called the "Jiggleometer", which communicates directly between a Parkinson's patient's body and his medical team. Immediately. Going further, DARPA (Defense Advanced Research Projects Agency) was concerned that COVID could take the US Navy out of commission. They developed a small, gel-based [injectable chip](#) that would continuously test the seaman's blood for various diseases like COVID. They found that COVID was easily beatable if they could act swiftly. How long will it be before all humans are provided this inexpensive capability?

And here is where it gets interesting. Elon Musk has interests in a company called [Neuralink](#), which is working on a brain/computer direct link. As proof of concept, they have implanted a microchip in the brain of a monkey, enabling it to play Pong via its thoughts. Here's their [YouTube video](#), showing the monkey doing just that.

There are lots of companies creating direct brain to computer interfaces. The modern supercomputer has provided incredibly fast technological advances. What would our world look like if all people could simply ask a mental question, and have the internet provide their brain the answer immediately? That capability will soon be common. Schools will need to be significantly different, as they would no longer need to teach 'facts'.

Our [bodies](#) will be able to diagnose themselves instantly. Cancers caught pre-stage 1 are almost always curable. Life spans will increase dramatically, and here is where it would get difficult. (Continued next page)

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Freedom consists not in doing what we like, but in having the right to do what we ought.

Pope John Paul III

Where to get knowledge

1. Hillsdale.edu
2. Newsmax.com
3. Oann.com
4. ConventionOfStates.com
5. WesternJournal.com
6. Solari.com
7. TheEpochTimes.com
8. Conservative.org
9. AmericanThinker.com

Humor is the best medicine

When you are dead, you don't feel the pain. It is only felt by others.

The same can be said of being stupid.

The SJWs are now playing with kid's lives. In NJ, a high school track coach was told that his athletes had to **wear masks to compete**. The body's demand for oxygen while running either sprints or distance races is enormous. Wearing a mask can be fatal. The coach refused, and was fired. Since when can a school administrator make a ruling so far out of their realm of expertise?

Thomas Robert Malthus (1766 to 1834) was an English scholar and economist. His fear, which became known as the **Malthusian Theory**, was that population growth was geometric, while growth in the production of food was linear, and therefore at some point, there would be a massive die-off of the world's population. Obviously, he was unable to predict the effects technology would have on food production, so his theory should probably be changed today.

He was correct that population growth has been geometric.

Year	1400	1500	1600	1700	1800	1900	2000	2100 ^[1]
population (in billions)	0.35–0.40	0.43–0.50	0.50–0.58	0.60–0.68	0.89–0.98	1.56–1.71	6.06–6.15	c. 10–13
growth p.a. ^[2]	>0%	<0.12%	0.15–0.3%	0.1–0.15%	0.3–0.5%	0.5–0.6%	1.3–1.4%	0.7–0.8%

While it is likely that we can feed 13 billion people, there are significant other capacity issues that will need to be addressed. Potable water is chief amongst them.

National Geographic shows the problem: "Freshwater makes up a very small fraction of all water on the planet. While nearly 70 percent of the world is covered by water, only 2.5 percent of it is fresh. The rest is saline and ocean-based. Even then, just 1 percent of our freshwater is easily accessible, with much of it trapped in glaciers and snowfields. In essence, only 0.007 percent of the planet's water is available to fuel and feed its 6.8 billion people."

What will happen, then, when the population of the earth doubles in just 80 years? It takes significant amounts of water just to grow the crops we need to feed ourselves. Then the questions of human dehydration and de-sanitation will become very ugly.

Remember, water is singular in that it can neither be made, nor destroyed. We have what we have, and there will not be more. Perhaps we will find a better way to desalinate enough of the oceans to solve that one problem. But that would create others, like where would we put all that salt? These are indeed difficult issues.

And the UN says that water use is growing twice as fast as population growth!

So, while technology blithely adds years or decades to our life expectancy, we will need to find an ethical way to control population growth. Otherwise, Malthusian Theory will again rear its ugly head.

This issue's final thought comes from Henry W Kendall:

"If we do not voluntarily bring population growth under control in the next one or two decades, nature will do it for us in the most brutal way, whether we like it or not."