



Published by Emergent Futures Pty Ltd

End April 2016

Welcome to the end of April 2016 Edition of What's Emerging

Paul has commenced writing a series of mini eBooks on the key Game Changers of the next decade on a site called [Gitbook](#) which allows collaborative writing and continually updating. The concept is to write books that are easily digestible for decision makers and constantly updated as new information comes to light. They will consist of a basic history, the drivers for adoption, a technology adaption road map, and examples of industry and community disruption as they come about. The first two are on autonomous cars (driverless cars) and the effects of robotics and artificial intelligence on work. Then there will be books on energy systems transformation, virtual reality, bitcoin/blockchain, and biotechnology (focusing on CRISPR)

Paul will write the initial text in draft form and once it is at a level that is good enough to publicly expose he will open them up for collaboration and exposure. First to private contributors and then fully open to the public. If any of you want to participate in the process then please email Paul at paul@emergentfutures.com telling him which books you want to participate in and he will inform you when collaboration is open. Initial collaborators will get:

- 1/ early access to the information.
- 2/ A free copy of all the books in the series.
- 3/ Acknowledgement in the books.


In the next few weeks Paul will working with the Epworth Private Hospital Group on Research strategies, The Institute for Sport Exercise and Active Living (ISEAL) at Victoria University on their strategic planning, presenting to the Simplot Leadership Program on Digital Transformation. Present to the Marcus Oldham College on Future Opportunities in Agriculture, and running workshops with the ANZ and Leadership Victoria.

If any of those approaches interest you then please contact us at info@emergentfutures.com

We hope that you continue to find the newsletter interesting.

Cheers,

Paul Higgins, Sandy Teagle, Ranjitha and Samantha Kyle-Little


 [Top of the page](#)

SECTIONS

[What we are writing about](#)

[Business Tips](#)

[What's Emerging](#)

 [Visit our website](#)

 [Follow us on Twitter](#)

 [Visit our Tumblelog](#)

What are we writing about?

Paul's was interviewed for a podcast with the guys at @RobotOverlordz . You can hear it at: [RobotOverlordz](#)

Business Tips

iPhone 6 Battery Replacement

A step by step instruction manual in case you want to do this yourself [Read More...](#)

Windows 10 tip: Create a recovery drive

If your Windows 10 PC is operating perfectly right now, great. Take advantage of the opportunity to create a recovery drive so you have a way to perform repairs if something ever goes wrong. [Read More...](#)

A Big Data Approach to Public Speaking

Key takeaways from analyzing 100,000 presentations. [Read More...](#)

In case you missed it: Most popular links from the Last Edition

[Will self-driving cars lead to grade-separated cities?](#)

What's Emerging

By One Measure, U.S. Rates Are Already Negative

Yield on 10-year Treasurys, adjusted for inflation, falls below zero for first time since 2012 [Read More...](#)

First gene therapy successful against human aging

Police have killed more Americans on U.S. soil since the year 2000 than the Islamist terrorists. [Read More...](#)

A programming language for living cells

MIT biological engineers have created a programming language that allows them to rapidly design complex, DNA-encoded circuits that give new functions to living cells. [Read More...](#)

Concern grows for spread of Zika in southern US as CDC expert declares the virus 'scarier than we initially thought'

Concern grows for spread of Zika in southern US as CDC expert declares the virus 'scarier than we initially thought' [Read More...](#)

Insulin-producing cells created in dish for the first time could transform diabetes treatments

TFully functioning pancreatic cells that produce insulin have been created in the laboratory from human stem cells for the first time. [Read More...](#)

Great Barrier Reef could lose more than a quarter of coral to bleaching within 40 years

Corals on the Great Barrier Reef developed a protective mechanism that helped them survive past bleaching events, according to a new study. [Read More...](#)

Tweaking Genes to Save Species

Boulder, Colo. — BIOTECHNOLOGISTS have engineered the mosquito that spreads the Zika virus to pass a lethal gene to its offspring. Another team of researchers has devised a way to spread sterility through the mosquito population, using a technique called gene drive to wipe out the offending insects. [Read More...](#)

Black Americans killed at about 20x the rate of Europeans

Black Americans Are Killed At 12 Times The Rate Of People In Other Developed Countries, writes Nate Silver. And the ratio gets worse when you compare to other western democracies such as the United Kingdom and Germany. [Read More...](#)

This new data set is poised to revolutionize climate adaptation

People in developed countries rarely think of weather in life-or-death terms. But millions in the developing world have no choice but to do so. The global rich have stable governments, savings accounts, insurance, and more to fall back on when disaster strikes. [Read More...](#)

A charity's radical experiment: giving 6,000 Kenyans enough money to escape poverty for a decade

GiveDirectly, a charity that gives money directly to poor people in Kenya and Uganda, is launching a big new project: a basic income. [Read More...](#)

Studying the human brain using 3D printing technology

Our brains are amazing: they control our movements, thoughts and memories, regulate our body temperature and influence our emotions. [Read More...](#)

Megacities, not nations, are the world's dominant, enduring social structures

Cities are mankind's most enduring and stable mode of social organization, outlasting all empires and nations over which they have presided. Today cities have become the world's dominant demographic and economic clusters. [Read More...](#)

Pits of Robotic Sea Snakes Will Lurk at Offshore Drilling Sites

Teams of researchers had been tinkering away at the robotic sea snake for more than 10 years before finally producing something viable for its intended purpose: underwater exploration. [Read More...](#)

Value of Australia's natural wealth doubles over 10 years to \$6 trillion: ABS data

The value of Australia's natural wealth nearly doubled in the decade to 2015, according to the Australian Bureau of Statistics (ABS), rising from \$3 trillion in 2006 to \$5.8 trillion in 2015. [Read More...](#)

This tattoo-like display is made possible by a new ultra-thin protective 'E-skin'

It sounds like something out of Star Trek: a patch thinner than a band-aid that you slap on your arm and, within moments, it lights up with heart rate, blood sugar, and so on — then peels off a few days later. [Read More...](#)

Address: Level 27 | 101 Collins Street | Melbourne | VIC 3000
Phone: +61 3 9018 7917 | Fax: +61 3 9012 3580 | emergentfutures.com

[Subscribe](#) | [Unsubscribe](#) | [Modify My Profile](#) | [Privacy](#) | [Contact Us](#)
© Copyright 2010 Emergent Futures Pty Ltd. All rights reserved. ABN 39 105 730 407