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Welcome to the end of October edition of What's Emerging –

Thank you to all the people that contacted us about Paul's health and Sandy's daughter's treatment in the USA. We are happy to report that Sandy, Simon, and Demi are able to return earlier than expected with treatment completed and all having gone well. Unfortunately they were caught up in the Qantas debacle of the last few days and were stuck in Florida with bags all packed. Paul is progressing well and is partly back at work from home although he is not allowed to walk on his leg for a further 3 weeks or so.

We hope that you continue to find the newsletter useful and interesting.

Cheers

Paul Higgins, Sandy Teagle, Kim Stewart, Anitha Mendonca, Syed Muqthar, and Samantha Kyle-Little

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What we are writing about

Paul was interviewed for the National Australia Bank's Business View Magazine along with three others on what drives long term success in innovation. You can download the section with Paul's comments by going to the download section on our [home page](#). The link to the full article will be available soon and we will post it on the download page and in the next newsletter after it is available.

Business Tips

6 Ways to measure your Social Media results

How much time are you spending on social media? Can you tell if it's helping sales?

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Jim Collins: How to manage through chaos

It's one thing to rise to greatness. It's another to do so in a time of upheaval, disruption, and economic turmoil (hello, 2011). How do some companies do it? Management guru Jim Collins shares the answers for the first time here. ***Paul Higgins: While we have some serious concerns about the way Jim Collins' work is presented as serious scientific study this is worth looking at with a critical eye.*** [Read More...](#)

Five best restaurant discovery apps

Looking for a new place to eat in a new town, or want to try a specific cuisine and don't know where to go? Regardless of the mobile OS you prefer, there are plenty of apps that can help

you find a new place to eat that you'll actually enjoy. Paul H: I used Urbanspoon in Ho Chi Minh recently and found it useful, especially if you discount the top and bottom reviews. A long way for these systems to go in terms of trust levels. [Read More...](#)

Swype finally adds automatic updates and saved user dictionaries to the gesture-based android keyboard

We love Swype which is a text input system for android that allows you to trace a word on the screen rather than input individual letters. They now have new updates which makes the system even better. [Read More...](#)



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What's Emerging

A new twist on artificial muscles

Researchers have created artificial muscles that can twist 1,000 times more than any suitable material made in the past—a development that could prove useful in robots and prosthetic limbs. [Read More...](#)

3D-printed kidneys and the next generation of mass customisation

Lisa Harouni is in the vanguard of a wave of entrepreneurs who want to make it easy for anyone to design and create bespoke products at the click of a button. [Read More...](#)

More data was transmitted over the internet in 2010 than all previous years combined [video]

Many servers and computers will face challenges from these increases, including those that support the 48 hours of YouTube videos uploaded each minute, 200 million tweets sent per day and 7.5 billion photos uploaded to Facebook each month. [Read More...](#)

2011 Internet Trends

Mary Meeker (former Wall Street analyst turned venture capitalist at KPCB) has released her well-recognized Internet Trends 2011 report. Presented at the Web 2.0 Conference in San Francisco this week, the report—which is publicly available –captured 11 key trends based on various points of analysis. [Read More...](#)

Animal transplants coming 'soon'

Using animals as a source of organs for transplantation into humans was once one of medicine's next big things - a solution to transplant waiting lists. But some researchers are now saying that transplants from animals "could soon become a reality", but not necessarily as originally expected. [Read More...](#)

What if population grows faster than the experts project?

Leading demographers, including those at the United Nations and the U.S. Census Bureau, are projecting that world population will peak at 9.5 billion to 10 billion later this century, and then gradually decline as poorer countries develop. But what if those projections are too optimistic? What if population continues to soar, as it has in recent decades, and the world becomes home to 12 billion or even 16 billion people by 2100. [Read More...](#)

Climate change reveals disease as national security threat

One of the most worrisome national security threats of climate change is the spread of disease, among both people and animals, U.S. intelligence and health officials say. [Read More...](#)

Social Networking on-the-go: U.S. mobile social media audience grows 37 percent in the past year

72.2 million Americans accessed social networking sites or blogs on their mobile device in August 2011, an increase of 37 percent in the past year. The study also provided new insights into how mobile users interact with social media, finding that more than half read a post from an organization, brand or event while on their mobile device. [Read More...](#)

Rage against the machine

People are right to be angry. But it is also right to be worried about where populism could take politics. [Read More...](#)

Social media responsible for one third of web traffic in Malaysia

Malaysians are officially social media addicts according to comScore who found that social networks accounted for one third of the time spent online in the country in August. [Read More...](#)

The great tech war of 2012

Apple, Facebook, Google, and Amazon battle for the future of the innovation economy. [Read More...](#)

Lines of communication: delivering public services in the digital age

Councils are replacing face-to-face services with digital alternatives to meet the demands of residents. [Read More...](#)

Chart of the day: The iPad is a bigger hit than the iPhone

The iPhone may have kicked off the smartphone revolution, but so far the iPad is selling much faster. This chart shows unit sales of each product in the first six quarters after launch. The iPhone launched in June 2007, but didn't really take off until the iPhone 3G launched in July 2008, five quarters later. [Read More...](#)

Revolutionary oil skimmer nets \$1 million x prize

A breakthrough in oil cleanup technology allows crews to skim spilled oil off the water's surface at a much faster rate. The new device wasn't developed by Exxon, BP or any of the major oil companies — it's the work of Elastec/American Marine, based in Illinois. And the design won the company a rich award from the X Prize Foundation. [Read More...](#)

Future computers that modify themselves

Scientists at Northwestern University have developed a new nanomaterial that can "steer" electrical currents. The development could lead to a computer that can simply reconfigure its internal wiring to become an entirely different device, based on changing needs. [Read More...](#)

The tech that will prevent the next big foodborne illness outbreak

By tracking every step of the food production process, the next time people start getting sick from cantaloupes, it will be much easier to find which farms are clean, and which are responsible. [Read More...](#)

USB-equipped urban bikes can charge mobile devices

German bicycle maker Silverback has recently launched two bikes with built-in USB ports that can charge devices as the rider pedals. [Read More...](#)



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