



Behavioral Health Tech Review

National Center for Telehealth & Technology (T2)
T2health.dcoe.mil

December 2014 | Volume 4, Issue 1

Why Data Security is Crucial for mHealth Benefits

Keith Tyson, *Health IT Security* October 31, 2014

Mobile devices have become the interface to numerous types of equipment, such as radiology stations, paper charting, nursing desktop computers, biotelemetry monitors, dictation stations and prescription pads. They are also contributing greatly to the interoperability of data within hospitals' walls.

Mobile devices create more free space and lower costs, while efficiently deliver-

ing more services with a lower error rate through linking with electronic health systems. They can also enable real-time visibility into the patient's condition, and potentially increase patients' participation in their own healthcare by increasing the possibilities for more interactive patient-physician encounters.

See the article [here](#).

Study: Telemedicine Helps Treat PTSD in Vets

Martin Kuz, *Stars and Stripes* November 20, 2014

Traveling long distances to health clinics presents one of the biggest obstacles to military veterans in rural areas seeking and sticking with therapy for post-traumatic stress disorder. A new study suggests that telemedicine aids

their access to care and increases the likelihood they will follow through with months of intensive counseling that can heal war's inner wounds.

See the article [here](#).

10 Mind-Blowing Oculus Rift Experiments

Ian Paul, *PC World* November 25, 2014

The Oculus Rift's official consumer release is still months away, but that hasn't stopped developers from getting excited about the virtual reality headset and forging deeply innovative software that

takes full advantage of VR's breathtaking potential. And it's not just gaming developers whipping up mind-blowing projects, either.

See the article [here](#).

Care coordination panel to discuss best practices (and bad examples)

Eric Wicklund, *mHealthNews* December 01, 2014

When clinicians in a healthcare setting communicate through mobile devices, they can quickly become part of an effective and efficient care team. Questions and orders are relayed from one member

to the next at a moment's notice, medical records can be accessed and healthcare is delivered when and where needed. More and more healthcare providers are using mobile devices to

coordinate care, and they're finding some interesting benefits and drawbacks.

See the article [here](#).

Join our Webinars

Better integrate health technology solutions into clinical care.

**17 Dec— Evidence Base for Using Technology Solutions in Behavioral Health Care*

15 Jan— Application of Behavioral Health Technology Tools in the Clinical Care of mTBI

19 Feb— Clinical Benefits of Technology in Behavioral Health Care

All webinars are at 10:00 – 11:30am PST (1:00-2:30pm EST)

Register [here](#).

Contact us [here](#).

*You can view previous webinars online [here](#).

This newsletter is published by the National Center for Telehealth & Technology to highlight existing and innovative technologies which support the treatment of behavioral health patients.

For more information please [e-mail](#) us.



The appearance of external hyperlinks does not constitute endorsement by the United States Department of Defense of the linked web sites, or the information, product or services contained therein. [Please read our privacy and security notice](#).





Behavioral Health Tech Review

National Center for Telehealth & Technology (T2)
T2health.dcoe.mil

December 2014 | Volume 4, Issue 1

VA Using Technology to Help Quash Disparities For Rural Vets Needing Health Care

Sandra Jontz, *AFCEA* November 18, 2014

Technology plays a central role in helping the Department of Veterans Affairs (VA) work smarter, not harder, to medically treat veterans, particularly those who live in rural areas of the nation.

The Veterans Health Administra-

tion steered the use of telehealth technology, which now lets cardiac patients heal at home, and might one day help cancer patients avoid long drives to VA hospitals for follow-up care, says Tom Klobucar, deputy director for VA's office of

rural health. "Our office of telehealth services actively engages in looking for enterprise-level technological solutions to the questions of access."

See the article [here](#).

Brain's Reaction to Virtual Reality Provides Insight into Memory Restoration

Stuart Wolpert, *UCLA, Product Design & Development* November 25, 2014

UCLA neurophysicists have found that space-mapping neurons in the brain react differently to virtual reality than they do to real-world

environments. Their findings could be significant for people who use virtual reality for gaming, military, commercial, scientific or other

purposes.

See the article [here](#).

Tech Trends Shaping the Future of Medicine, Part 1 and 2

Robert. J. Szczerba, *Forbes* November 23, 2014

Enormous technological changes in medicine and healthcare are heading our way. These trends have a variety of stakeholders: patients, medical professionals, researchers, medical students and consumers. They are important because of the impact

they will likely have on all of us at one time or another.

To get an overview of the trends in healthcare technology, we turned to Dr. Bertalan Meskó, medical futurist and author of *The Guide to the Future of Medicine: Technology and*

the Human Touch. In this book, he identifies several areas that he believes will shape the future of medicine and healthcare for decades to come.

See the article [here](#).

Emory, Tech Tackle Concussions Head On

Harmeet Kaur, *The Emory Wheel* November 21, 2014

A team of scientists from Emory University and the Georgia Institute of Technology won a national Head Health Challenge for technology that tests for impairment after a

concussion or brain injury on Nov. 13. Launched by the National Football League (NFL), Under Armour and General Electric (GE), Head Health Challenge II named seven winners

for the challenge, and the Emory-Georgia Tech team was one that received a grant of \$500,000.

See the article [here](#).