

Below is a “Super Soldier” description of the “What If?” Neural Imprinting technology that is already being used by the Military Technocrats. If “We The People” do not take steps to protect ourselves, our freedoms, and our families, using equivalent technology, then we will certainly lose all that we love and hold dear, our basic freedoms to life, liberty, and the pursuit of happiness. **ExL Games Trust objective: Use “Neural Imprinting” VR games to empower the truth and freedom seeking population to Stand For Freedom!**

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## Super-Soldier: Military Technocrats Master The Brain



Posted By: Mila Jasper via Nextgov November 17, 2020



**When the Technocrats and Transhumanists in the military invent new technology for the sake of enhancement of warfare, it is just a matter of time before it will turn its forces on the citizenry that paid for the research in the first place. ▀ TN Editor**

A new machine-learning algorithm can successfully determine which specific behaviors—like walking and breathing—belong to which specific brain signal, and it has the potential to help the military maintain a more ready force.

At any given time, people perform a myriad of tasks. All of the brain and behavioral signals associated with these tasks mix together to form a complicated web. Until now, this web has been difficult to untangle and translate.

But researchers funded by the U.S. Army developed a machine-learning algorithm that can model and decode these signals, [according to a Nov. 2 press release](#). The research, which used standard brain datasets for analysis, was recently published in the journal *Nature Neuroscience*.

“Our algorithm can, for the first time, dissociate the dynamic patterns in brain signals that relate to specific behaviors and is much better at decoding these behaviors,” Dr. Maryam Shanechi, the engineering professor at the University of Southern California who led the research, said in a statement.

Dr. Hamid Krim, a program manager at the Army Research Office, part of the U.S. Army Combat Capabilities Development Command’s Army Research Laboratory, told *Nextgov* Shanechi and her team used the algorithm to separate what they call behaviorally relevant brain signals from behaviorally irrelevant brain signals.

“This presents a potential way of reliably measuring, for instance, the mental overload of an individual, of a soldier,” Krim said.

If the algorithm detects behavior indicating a soldier is stressed or overloaded, then a machine could alert that soldier before they are even able to recognize their own fatigue, Krim said. Improving self-awareness is central to the Army’s interest in this research, he added.

The research is part of an effort to establish a machine-brain interface. Eventually, Krim said, this research may contribute to the development of technology that can not only interpret signals from the brain but also send signals back to help individuals take automatic corrective action for certain behaviors, he added.

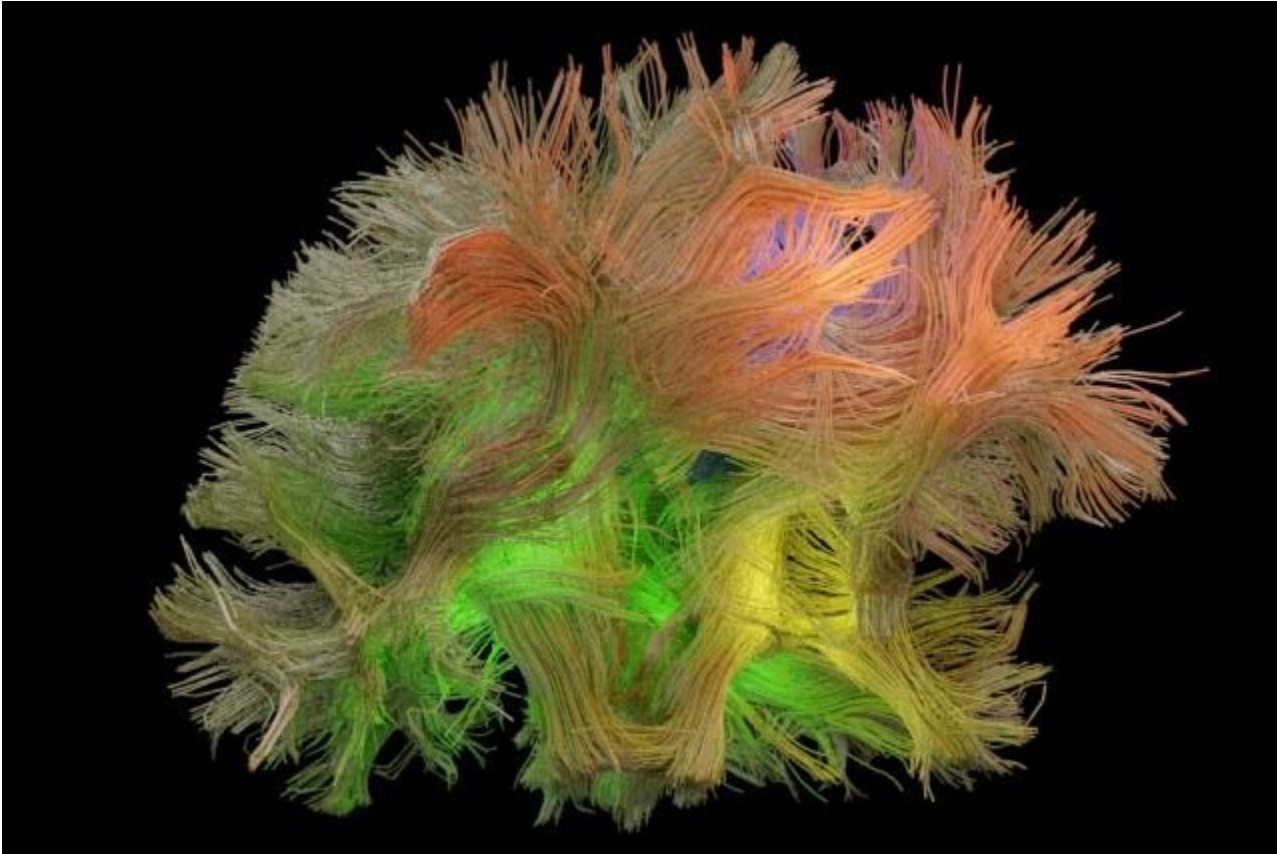
Imagination is the only limit when it comes to the potential of this technology, Krim said. Another futuristic application could enable soldiers to communicate with each other without ever opening their mouths.

“If you’re in the theater, and you can’t talk, you can’t even whisper, but you can still communicate,” Krim said. “If you can talk to your machine, and the machine talks to the other machine, and the machine talks to the other soldier, you have basically a full link without ever uttering a word.”

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# Machine learning algorithm could provide Soldiers feedback.

By U.S. Army DEVCOM Army Research Laboratory Public Affairs, November 12, 2020



**RESEARCH TRIANGLE PARK, N.C.** -- A new machine learning algorithm, developed with Army funding, can isolate patterns in brain signals that relate to a specific behavior and then decode it, potentially providing Soldiers with behavioral-based feedback.

“The impact of this work is of great importance to Army and DOD in general, as it pursues a framework for decoding behaviors from brain signals that generate them,” said Dr. Hamid Krim, program manager, Army Research Office, an element of the U.S. Army Combat Capabilities Development Command, now known as DEVCOM, [Army Research Laboratory](#). “As an example, future application, the algorithms could provide Soldiers with needed feedback to take corrective action as a result of fatigue or stress.”

Brain signals contain dynamic neural patterns that reflect a combination of activities simultaneously. For example, the brain can type a message on a keyboard and acknowledge if a person is thirsty at that same time. A standing challenge has been isolating those patterns in brain signals that relate to a specific behavior, such as finger movements.

Doing so, is the first step in developing brain-machine interfaces that help restore lost function for people with neurological and mental disorders, which requires the translation of brain signals into a specific behavior, called decoding.

As part of a Multidisciplinary University Research Initiative grant awarded by ARO and led by Maryam Shanechi, assistant professor at the University Of Southern California Viterbi School Of Engineering,

researchers have developed a new machine learning algorithm to address the brain modeling and decoding challenge. The research is published in [Nature Neuroscience](#).

“Our algorithm can, for the first time, dissociate the dynamic patterns in brain signals that relate to specific behaviors and is much better at decoding these behaviors,” said Shanechi, the lead senior author of the study.

The researchers tested the algorithm on standard brain datasets during the performance of various arm and eye movements. They showed that their algorithm discovered neural patterns in brain signals that directed these movements but were missed with standard algorithms.

They also showed that the decoding of these movements from brain signals – predicting what the movement kinematics are by just looking at brain signals that generate the movement – was much better with their algorithm.

“The algorithm has significant implications for basic science discoveries,” Krim said. “The algorithm can discover shared dynamic patterns between any signals beyond brain signals, which is widely applicable for the military and many other medical and commercial applications.”

Shanechi said the reason for the new algorithm’s success was its ability to consider both brain signals and behavioral signals such as movement kinematics together, and then find the dynamic patterns that were common to these signals.

**This decoding also depends on our ability to isolate neural patterns related to the specific behavior. These neural patterns can be masked by patterns related to other activities and can be missed by standard algorithms. In the future, the new algorithm could also enhance future brain-machine interfaces by decoding behaviors better. For example, the algorithm could help allow paralyzed patients to directly control prosthetics by thinking about the movement.**

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#### **Great grandpa Will warning:**

The multi-headed, world dominating, S.N.O.T.S. Beast is consolidating the conquest of earth and de-humanizing of humanity under the cover of a flu virus !!

If you know the history of S.N.O.T.S. take-overs, you know the next phase is the complete elimination of millions of dissenters like us, as in the Chinese Cultural Revolution and Stalin’s purges in Russia. **The S.N.O.T.S. mindset abhors dissent.** Every means is being used to silence and delete dissenters.

We do not have the time or the control of the world economy, media, communications, education system, and military that S.N.O.T.S. does. TODAY, we need an "end run" around the S.N.O.T.S. opposition. I am an 84-year-old mechanical engineer with several patents. **If we do not think and plan "out of the box" NOW, our boxes, homes and businesses will become concentration camps.**

In the meantime, start your own family’s [freedom education](#) by subscribing to Jon Rappoport’s NoMoreFakeNews.com, Patrick Wood’s Technocracy News & Trends, Mercola.com.  
<https://ugetube.com/> , Simon Black’s Sovereign Man newsletter.

