



## USFG/NATO Artificial Intelligence, Cybersecurity, and Biotechnology, Innovation and Security

**Resolved:** The United States federal government should substantially increase its security cooperation with the North Atlantic Treaty Organization in one or more of the following areas: artificial intelligence, biotechnology, cybersecurity.

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### UL Joins Leading Body on Artificial Intelligence

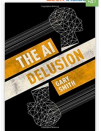
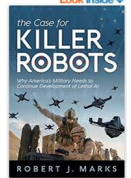
Global safety science leader will work with an array of stakeholders on safe adoption of artificial intelligence as the newest member of the Partnership on AI.



[www.facebook.com/GregRehmkeAI](http://www.facebook.com/GregRehmkeAI)  
**ECONOMIC FREEDOM & ARTIFICIAL INTELLIGENCE**

Regulate or Certify Artificial Intelligence, Emerging A.I. Public Trust, and Public Health Technologies?

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ARTIFICIAL INTELLIGENCE  
A.I. Progress and Delusion

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- However, NATO and the transatlantic allies are neither the only nor the most agile actors investing in emerging and disruptive technologies. China and Russia... invest substantially [and accelerated] adoption of these technologies in military applications.
- To maintain its strategic advantage against China and Russia, NATO needs to become an agent of innovation and be more agile and strategic in supporting allies to jointly exploit new technologies for deterrence, defense, and resilience purposes.
- NATO has prioritized EDTs and signaled it has joined "the technological adoption race" against China and Russia.
- Much work remains to be done. Allies remain divided on the ethical and legal specifics of the military use of EDTs and by their national-industrial preferences.

## Better Technology Faster, Smaller, Safer, Smarter

- Economics is about tradeoffs...
- Tools leverage labor and increase human productivity.
- As improved tools—smarter software and machines—raise productivity, wages increase.
- A.I. tech. allows fewer people to produce more across the economy.
- Farming, mining, manufacturing, **military, defense**, education, programming, medical, elder care...

## ECONOMIC FREEDOM & ARTIFICIAL INTELLIGENCE

Look inside ↓

GAMING AI, Human Compatible, THE AI DEBATE, the Case for KILLER ROBOTS

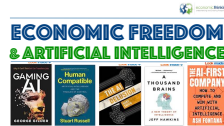
Why America's Military Needs to Continue Development of Lethal AI

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## Technology Trade Offs Faster, Smaller, Safer, Smarter

- Smarter technologies: smartphones, smart cars, smart vacuum cleaners...
- A.I. robots programmed to learn and adapt.
- Smarter tanks, ships, robots for: warfare...
- Trade offs: tasks/jobs/mistakes by A.I. tech replace risky tasks/jobs/mistakes by people.
- But w/ military A.I. will putting robots rather than soldiers as risk promote use?
- Purely defensive A.I. military technologies?

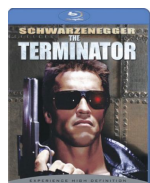


**Vox**  
Robots were supposed to take our jobs. Instead, they're making them worse.



## Certified Safe A.I.: UL Approved USFG reform/regulation vs. NGO certification

- Regulate or Certify A.I. products and services as safe (and fair)?
- Separate from for-profit companies are Non-Government Organizations (NGOs): clubs, charities, churches, universities, foundations, and associations
- Plus technology standards groups for tech industry.
- What Does It Mean to Certify an AI Product as Safe?, (Dataversity, July 16, 2018), James Kobielsky says fear about A.I. technologies is similar to past fears of electricity when first developed and introduced



# A.I. or Machine Learning?

- Artificial-intelligence systems are nowhere near advanced enough to replace humans in many tasks involving reasoning, real-world knowledge, and social interaction.
- They are showing human-level competence in low-level pattern recognition skills,
- but at the cognitive level they are merely imitating human intelligence, not engaging deeply and creatively, says Michael I. Jordan, a leading researcher in AI and machine learning.

IEEE Spectrum

**Stop Calling Everything AI, Machine-Learning Pioneer Says**  
 Michael I. Jordan explains why today's artificial-intelligence systems aren't actually intelligent

BY KATHY PRELIZ  
 31 MAR 2021 | 6 MIN READ

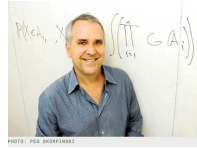


PHOTO: PETER SOOP/SHUTTERSTOCK

## Artificial Intelligence—The Revolution Hasn't Happened Yet

by Michael I. Jordan

Published on Jul 01, 2019

[hdl.handle.net/1721.1/119479](https://hdl.handle.net/1721.1/119479)

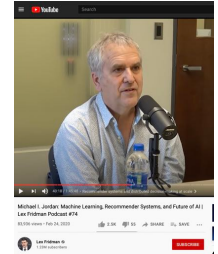
APR 7, 2021

## Machine-Learning Pioneer Says Stop Calling Everything AI

#AI #ML #ArtificialIntelligence #machinelearning

OLIVER FREEMAN | 3 MIN

[aimagazine.com/machine-learning/machine-learning-pioneer-says-stop-calling-everything-ai](https://aimagazine.com/machine-learning/machine-learning-pioneer-says-stop-calling-everything-ai)

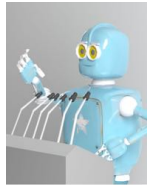


[https://youtu.be/EYIKy\\_FM9x0](https://youtu.be/EYIKy_FM9x0)



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ERIC HOLLOWAY IN ARTIFICIAL INTELLIGENCE, LAW, PHILOSOPHY OF MIND

### CAN A NEW AI DEBATING PROGRAM WIN ALL THE DEBATES?

While billed as an autonomous debating system, Project Debater features very little autonomy

BY ERIC HOLLOWAY

