

# Information Warfare Amplified by Cyberwarfare and Hacking the National Knowledge Infrastructure

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Ronald Loui  
Department of Computer Science / University of Illinois and  
Advanced Cyber Initiatives Px5 / CivicFeed

Will Hope  
US Air Force Reserve  
US Department of State

*The fact [that] the Russians conduct information operations leveraging cyberspace does not change the fact it is information warfare. ... [T]he Russians simply leveraged the domain of cyberspace to conduct information operations more effectively than they could before cyberspace was a thing.*

*[W]e have a population that is increasingly reliant on social media ... for news and information. We are not going to wean people off those ..., so the question is: How can we conduct information operations inside our own country? ... This work is not the mission of the DoD. --Maj. Gen. B. Williams, C4ISRNET Apr 2017*

2016-2017:  
The year of IW  
piggy-backing on CW

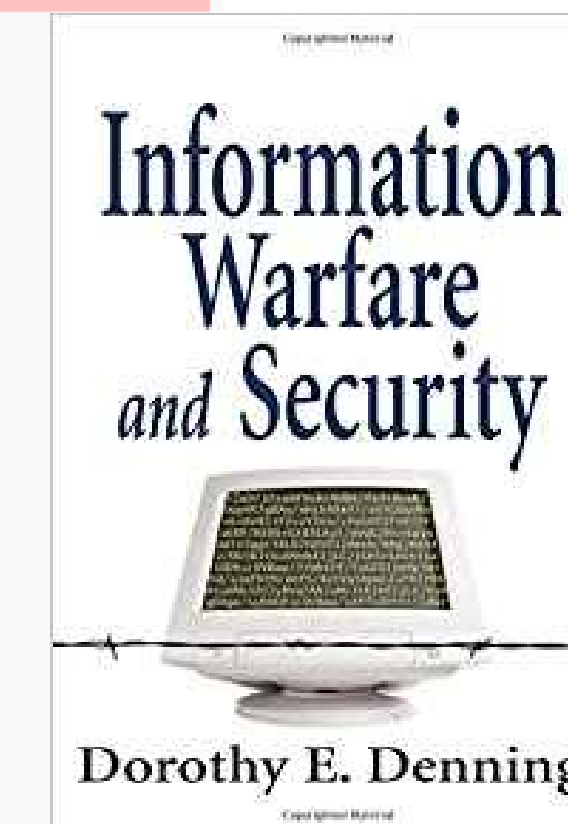
IW-on-CW



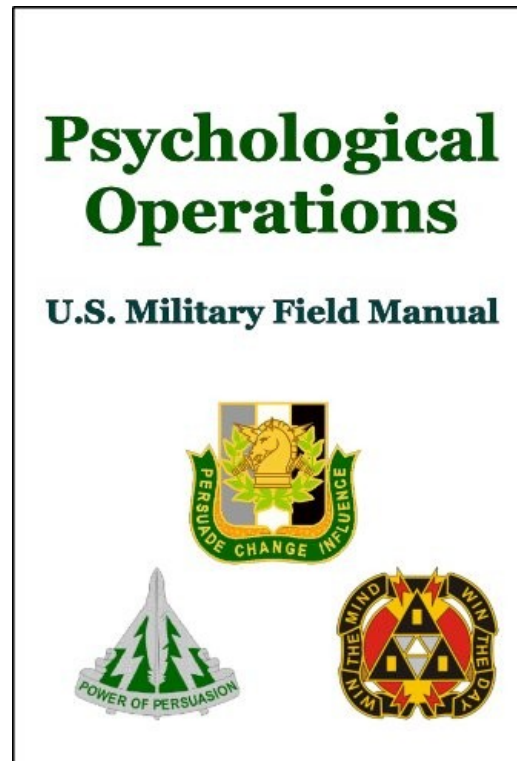
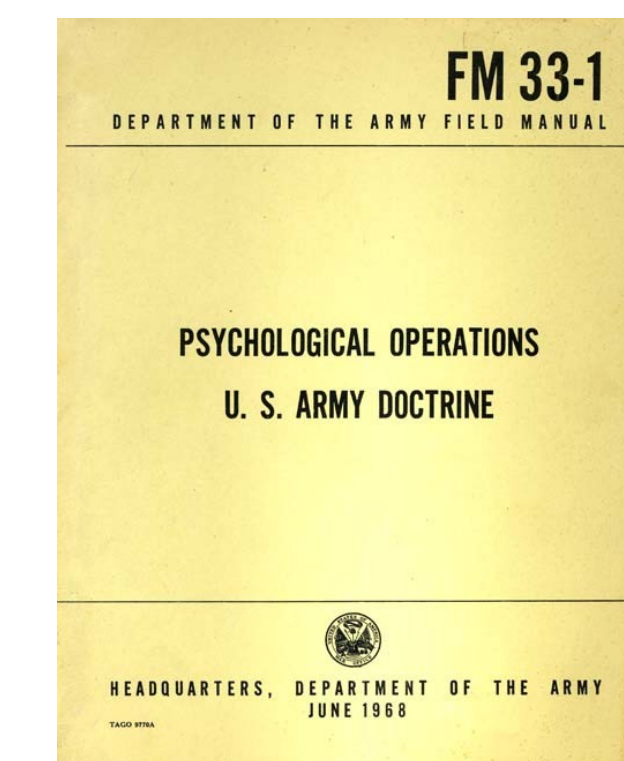
## CyberWarfare

### Threats

- Computer crime
- Vulnerability
- Eavesdropping
- Malware
- Spyware
- Ransomware
- Trojans
- Viruses
- Worms
- Rootkits
- Bootkits
- Keyloggers
- Exploits
- Backdoors
- Logic bombs
- Payloads
- Denial of service



After Denning's 1999 Landmark work describing how IW was evolving with the internet, did we spend too much time trying to distinguish IW from CW?



## Wikipedia:List of hoaxes on Wikipedia

From Wikipedia, the free encyclopedia

**Please do not attempt to create new hoaxes on Wikipedia. Here's why.**

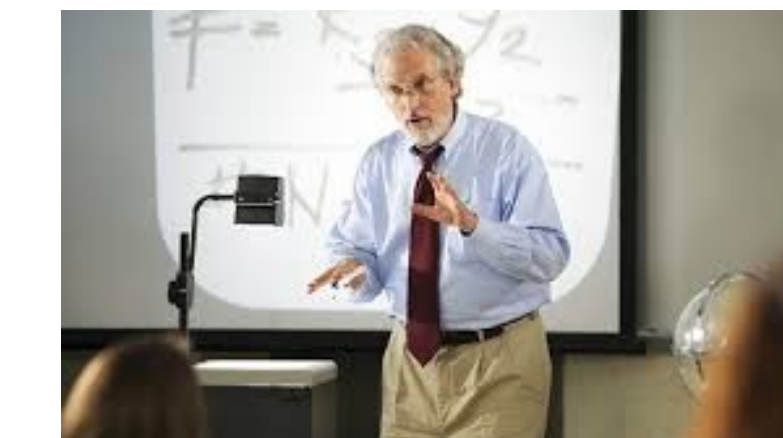
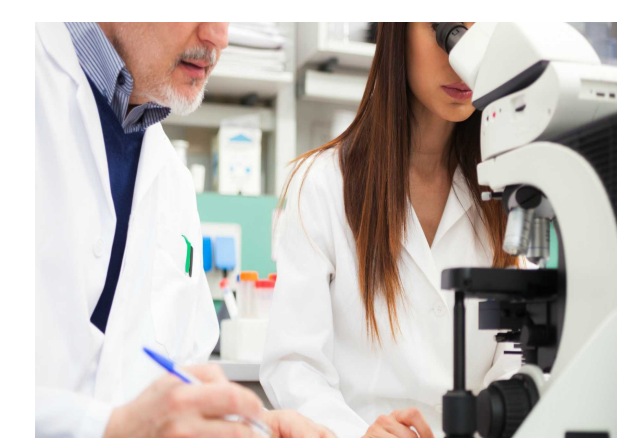
This is a list of known historical hoaxes on Wikipedia. Its purpose is to document hoaxes on Wikipedia, in order to improve our detection and understanding of them. It is considered a hoax if it was a clear or blatant attempt to make up something, as opposed to libel, vandalism or a factual error. A hoax is considered notable if it evaded detection for more than one month or was discussed by reliable sources in the media. This list is incomplete, as many hoaxes remain undiscovered.

A hoax can be added to this page if it meets the requirements above. Do not list Wikipedia April Fools' Day pranks, or factual articles about encyclopedic notable hoaxes. Start/End Date and Length are the dates and approximate time the article was generally visible.

For many of the below hoaxes, you can see an archived version of the deleted article by clicking on its title (see also list of archived hoaxes). Some also remain available from mirror sites. Any administrator can create an archived version of a hoax upon request by following the instructions below.

- 1) **Narrow Sourcing:**  
Convenience over Critical Appraisal
- 2) **Defense of Ops & Data Integrity,**  
but Not Epistemic Authority
- 3) **Willful Discarding of**  
Intellectual Standards
- 4) **Internet Info Era**  
→ Strategic Importance of .edu

Who will Protect The Knowledge Industries (KI) from IW-on-CW?



## Internet Bot

Web definitions

An Internet bot is a software application that runs automated tasks over the Internet. Typically, bots perform tasks that are both simple and structurally repetitive, at a much higher rate than would be possible for a human alone. ...

[http://en.wikipedia.org/wiki/Internet\\_bot](http://en.wikipedia.org/wiki/Internet_bot)



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