

# **NON-LETHAL WEAPONS: NO ROAD TO HELL**

**John B. Alexander, Ph.D.  
Senior Fellow  
Joint Special Operations University**

**NON-LETHAL DEFENSE VI**

**Reston, Virginia**

**14 March 2005**

**FUTURE WAR:  
NLW in 21st Century Warfare  
St. Martin's Press, 1999**

**WINNING THE WAR  
St. Martin's Press  
July 2003**

**Contact: Email: [Nonlethal2@aol.com](mailto:Nonlethal2@aol.com), (702) 804-5575**

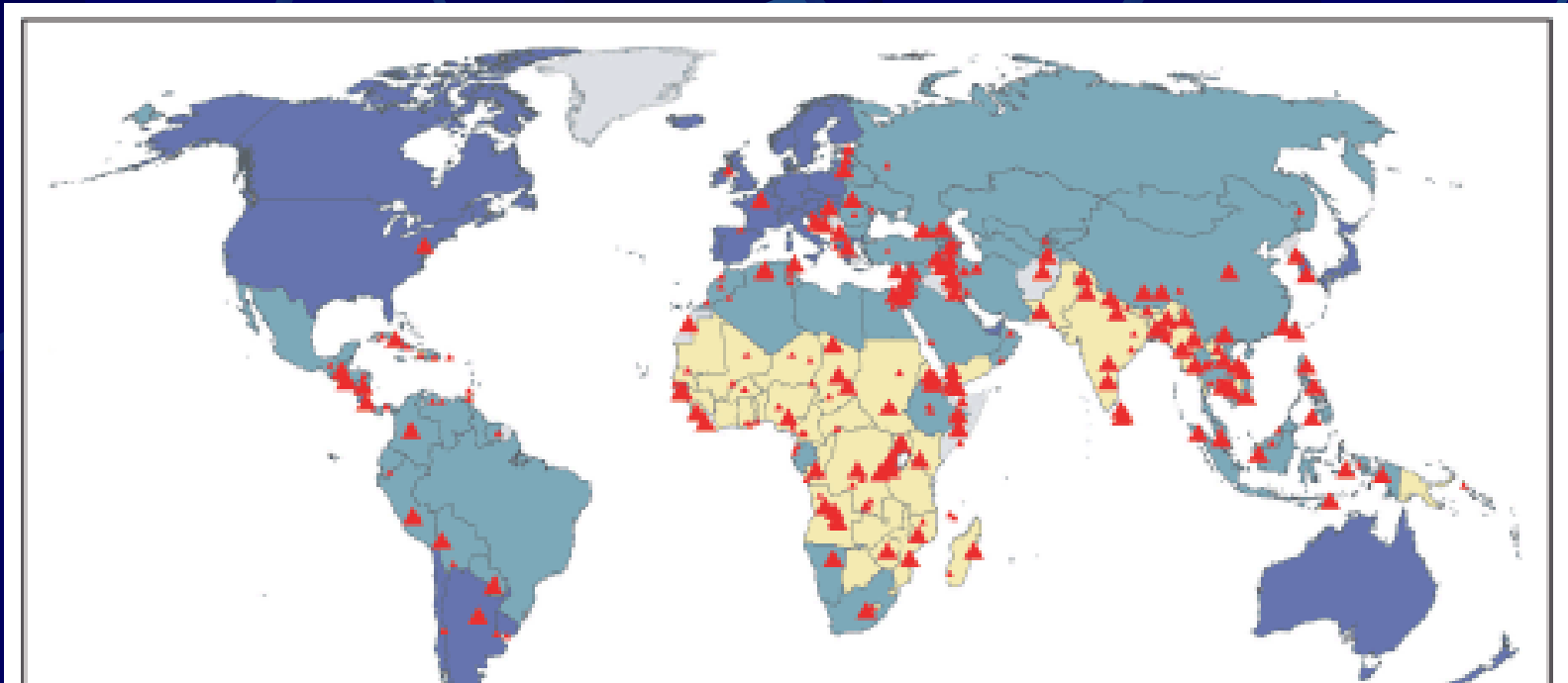
# **SEVEN DEADLY SINS OF NON-LETHAL WEAPONS**

- **NLWs make it easier to initiate war**
- **NLWs will start a new arms race**
- **NLWs may be used as instruments of torture**
- **NLWs will result in some deaths and serious injuries**
- **NLWs used as a precursor and easier to kill opponents**
- **NLWs will be used to suppress lawful dissent**
- **NLWs do not have sufficient data to support their use**

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# A DECADE OF CONFLICT



AFGHANISTAN



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# WHAT NEW ARMS RACE???

**WORLD NLW \$50M/Yr**



**Non-Lethal Weapons are 0.012% of US DOD Budget**

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# **NLWS AND TORTURE**



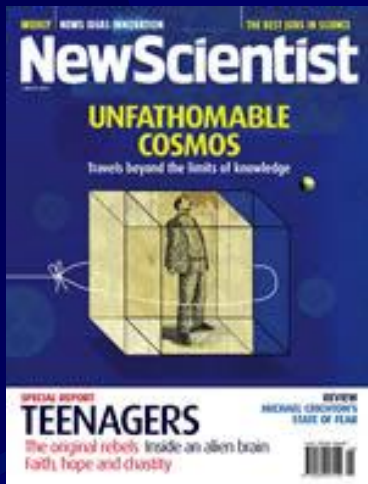
**Monk with torture devices used by Chinese**



**Victoria with instruments of torture**

**TORTURE IS AN ISSUE OF HUMAN INTENT- NOT DEVICES**





## **NEW SCIENTIST**

**NewScientist.com**

*"The World's No. 1 Science & Technology News Service"*

<http://www.newscientist.com/article.ns?id=dn7077>

## **Maximum pain is aim of new US weapon**

19:00 02 March 2005

Exclusive from New Scientist Print Edition

David Hambling



*E. P. Industries, Inc. / Mission Research Corp.*

**"It could be used for torture..." John Wood, University College London**

**"I am deeply concerned about the ethical aspects..." Andrew Rice**

**"Pain researchers are furious...." David Hambling**

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# **NLW DEATHS AND INJURIES**



**Compared to what????**

**More than 110 deaths of children under 6**

**17 deaths with 125,000 rounds fired  
Probability of fatality 0.00014**



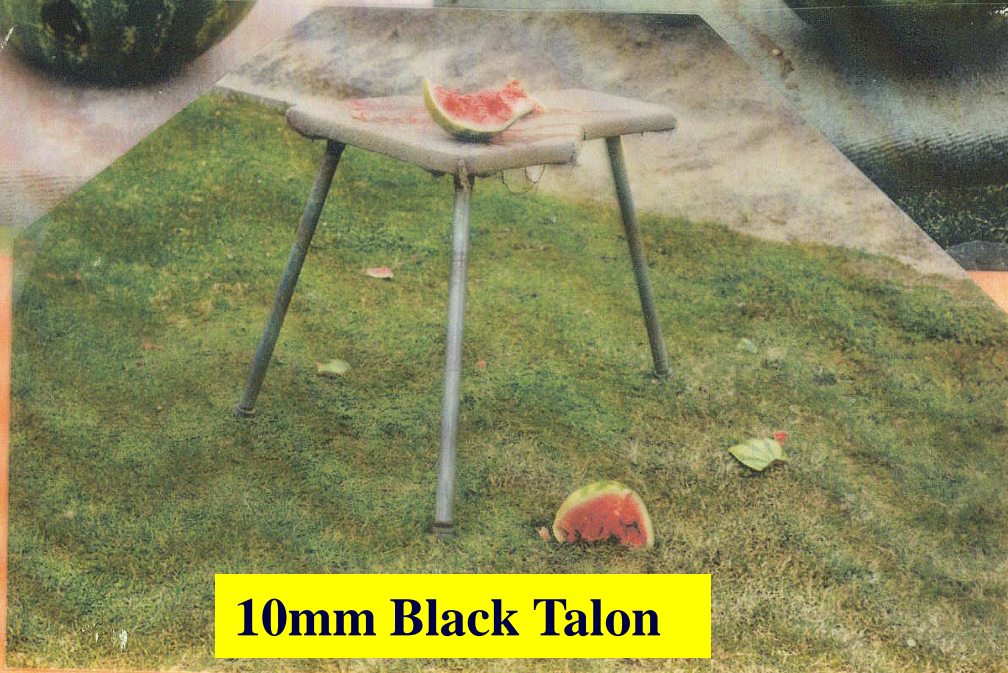
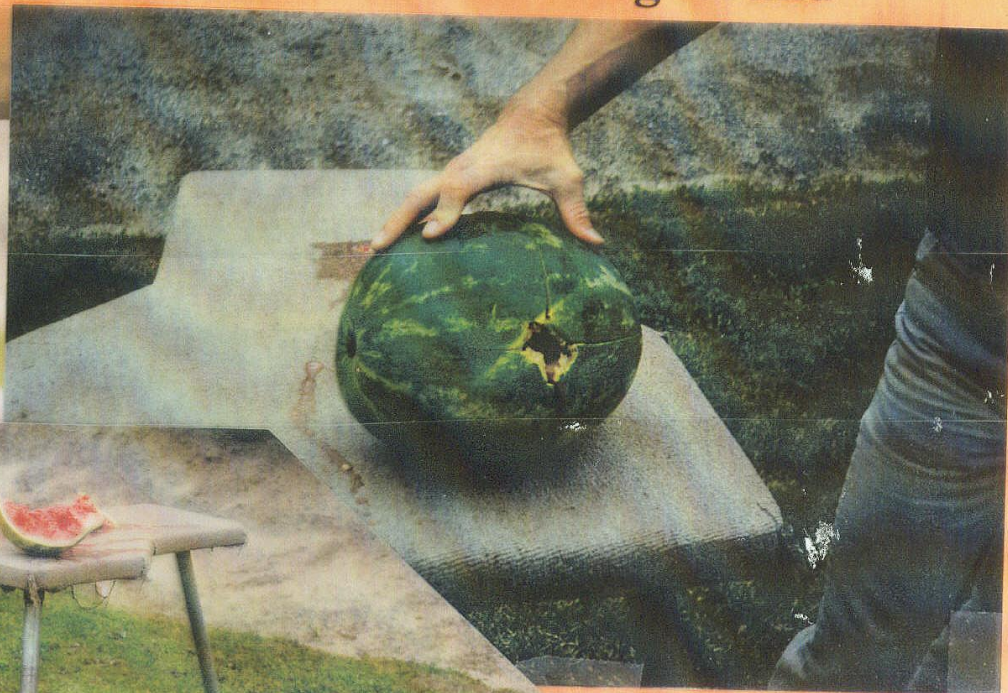
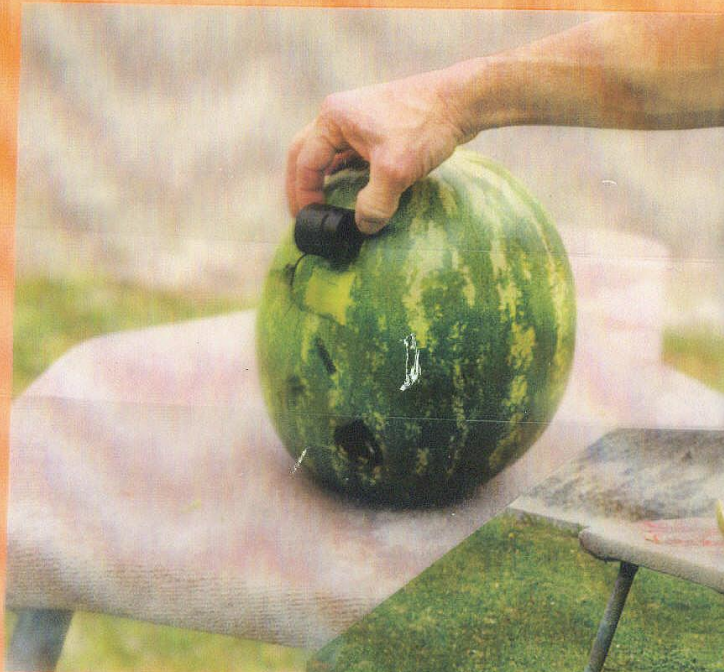
**THE ISSUE IS TRAINING AND SUPERVISION**



# COMPARED TO WHAT?

**Foam Baton**

**Bean-Bag Round**



**10mm Black Talon**



# TASER AS TARGET



## CATCH 22

- **94 DEATHS FROM TASER??**
- **ONLY 6 AUTOPSIES FIND TASER A CONTRIBUTING FACTOR**
- **NO INDEPENDENT RESEARCH - WHAT ABOUT THE AUTOPSIES**
- **HOW MANY IN-CUSTODY DEATHS WITHOUT TASER?**
- **WHAT IS THE TIMING OF NEWS ARTICLES?**
- **INDUSTRIAL ESPIONAGE/SABOTAGE**
- **NO NEWS STORY EVER DIES – EVEN WHEN DISPROVED**

# IS THERE AN AGENDA???

**Amnesty International  
Calls For Taser Suspension**

**EPIDEMIC  
ERGOFUSION**



**REMEMBER  
DEEP THROAT**

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# **NAILING A FOOT TO THE FLOOR**

**MOSCOW THEATER**



**A MATTER OF CHOICE**



# **INCAPACITATING AGENTS**

## **WHAT YOU DID READ:**

- NERVE GAS KILLED RUSSIAN HOSTAGES (UPI)
- DEADLY END TO MOSCOW SIEGE SHOWS DANGERS OF INCAPACITATING CHEMICALS (AP)
- CONCERN ARISES OVER TYPE OF GAS USED BY MOSCOW (WASH POST)
- USE OF GAS RISKS OTHERS FOLLOWING SUIT (SF CHRONICLE)



## **WHAT YOU SHOULD HAVE READ:**

**HUNDREDS SAVED BY USE OF INCAPACITATING AGENT**

**WOULD YOU SET TODAY'S SPEED LIMITS BASED ON  
AUTOMOBILE TECHNOLOGY OF 1900???**

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# SUPPRESSING DISSENT



Nepal



Watts, CA



Madrid



Brazil



Mexico City

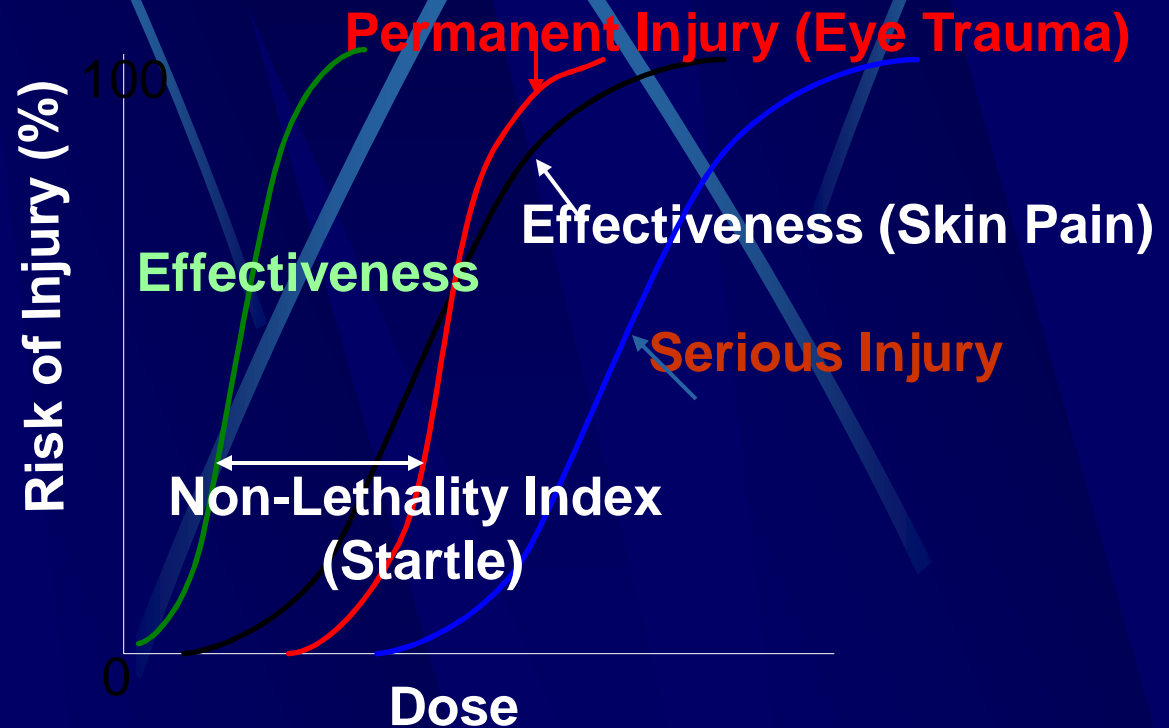


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# HOW GOOD IS GOOD ENOUGH?



# **BUT WHAT ABOUT PEOPLE WHO:**

- **HAVE PACEMAKERS?**
- **EXTREME HEART CONDITIONS?**
- **ARE ASTHMATIC?**
- **ARE VERY OLD?**
- **ARE BLIND, DEAF MIDGETS WITH PARKINSON'S ?**

**“Life is tough; it’s tougher when you’re stupid.”**

**John Wayne as SGT John Stryker**

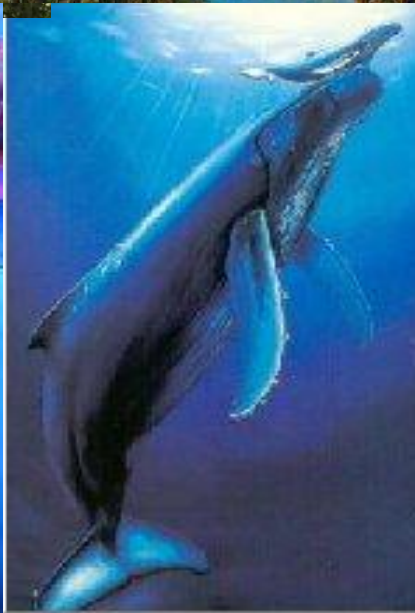
**Sands of Iwo Jima**

**PERCEPTION**

**THE PROBLEM OF DIFFERING WORLD VIEWS**

**AIN'T IT AWFUL???**

# THE WORLD AS SEEN BY PHILOSOPHICAL GROUPS





# THE WORLD AS IT IS



# **RECONSIDERATION OF ISSUES**

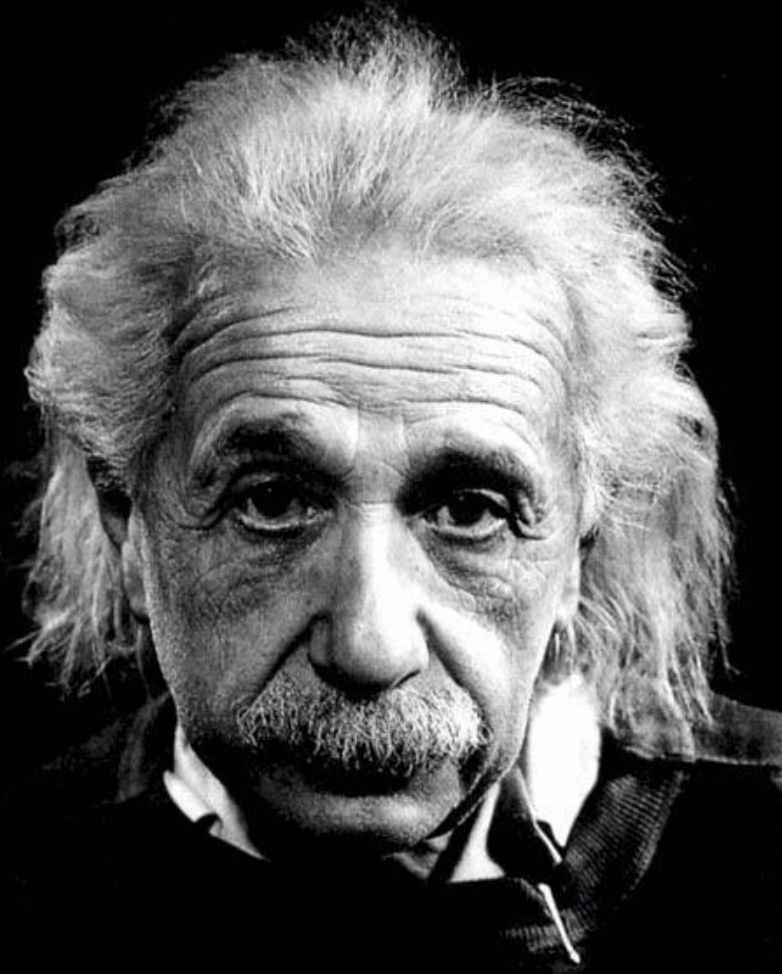
- **WHAT PROBLEM ARE YOU SOLVING?**
- **COMPLAINTS BASED ON EMOTION VS. FACTS**
- **BLAME TECHNOLOGY FOR HUMAN PROBLEMS**
- **CHEMICAL & BIOLOGICAL AGENTS HAVE PEACEFUL PURPOSES**
- **MORE OPTIONS ARE PREFERABLE TO LESS**
- **THE RESULTS ARE IN: NLWS ARE NOT A ROAD TO HELL**



**THE PRIMARY QUESTION SHOULD BE:**

**COMPARED TO WHAT?**





**“There are two things that are infinite.....the universe and human stupidity. And I’m not sure about the former.”**

**COMING SOON TO A COMMUNITY NEAR YOU**

**NLWS: NOW MORE THAN EVER**





# NOW IT'S YOUR KIDS IN THE SCHOOL: WHAT WEAPONS DO YOU WANT POLICE TO USE??

