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US police could get 'pain beam' weapons

10:11 24 December 2008 by [David Hambling](#)

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The research arm of the US Department of Justice is working on two portable non-lethal weapons that inflict pain from a distance using beams of laser light or microwaves, with the intention of putting them into the hands of police to subdue suspects.

The two devices under development by the civilian [National Institute of Justice](#) both build on knowledge gained from the Pentagon's controversial [Active Denial System \(ADS\)](#) - first [demonstrated in public last year](#), which uses a 2-metre beam of short microwaves to heat up the outer layer of a person's skin and cause pain.

'Reduced injuries'

Like the ADS, the new portable devices will also heat the skin, but will have beams only a few centimetres across. They are designed to elicit what the Pentagon calls a "repel response" - a strong urge to escape from the beam.

A spokesperson for the National Institute for Justice likens the effect of the new devices to that of "blunt trauma" weapons such as rubber bullets, "But unlike blunt trauma devices, the injury should not be present. This research is looking to reduce the injuries to suspects," they say.

Existing blunt trauma weapons can break ribs or even kill, making alternatives welcome. Yet ADS has recorded problems too - out of several thousand tests on human subjects there were two cases of second-degree burns.

Dazzle and burn

The NIJ's laser [weapon](#) has been dubbed Personnel Halting and Stimulation Response - PHaSR - and resembles a bulky rifle. It was created in 2005 by a US air force agency to temporarily dazzle enemies (see image, right), but the addition of a second, infrared laser makes it able to heat skin too.

The NIJ is testing the PHaSR in various scenarios, which may include prison situations as well as law enforcement.

The NIJ's portable microwave-based weapon is less developed. Currently a tabletop prototype with a range of less than a metre, a backpack-sized prototype with a range of 15 metres will be ready next year, a spokesperson says.

The truly portable mini-ADS could prove the more useful, as microwaves penetrate clothing better than the infra-red beam, which is most effective on exposed skin. Although the spokesman says: "In LEC [Law Enforcement and Corrections] use there is always a little bit of skin to target."

Torture concerns

The effect of microwave beams on humans has been investigated for years, but there is little publicly available research on the effects of PHaSR-type lasers on humans. The attraction of using a laser is that it can be less bulky than a microwave device.

Human rights groups say that equipping police with such weapons would add to the problems posed by existing "non-lethals" such as Tasers. Security expert Steve Wright at Leeds Metropolitan University describes the new weapons as "torture at the touch of a button".

"We have grave concerns about the deployment and use of any such devices, which have the potential to be used for torture or other ill treatment," says Amnesty

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A modified version of this laser rifle created to dazzle enemies by the US Air Force has been adapted by the Department of Justice to inflict pain from a distance (Image: US Air Force)

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International's arms control researcher Helen Hughes, adding that all research into their effects should be made public.

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Microwave Weapons In Germany

Wed Dec 24 11:41:13 GMT 2008 by **Dr. Reinhard Munzert**

There are already portable microwave weapons in use in Germany. They really work and can be used for torture!

THE MISUSE OF MICROWAVE WEAPONS BY CRIMINALS AND TERRORISTS

<http://www.mikrowellenterror.de/english/index.htm>

see also: Targeting the Human with Directed Energy Weapons

<http://www.mikrowellenterror.de/english/mw-weapon.htm>

Best wishes from Germany

Dr. Reinhard Munzert

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Microwave Weapons In Germany

Wed Dec 24 18:09:51 GMT 2008 by **Jon Maynard**

I suppose we all shall have to line our houses and rooms with aluminum foil and start wearing MW reflecting suits.

Considering the ease of obtaining materials for such devices and their already being used by criminals, we'll probably wind up with a super police state in order to control access to such devices.

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Microwave Weapons In Germany

Sat Jan 03 12:06:35 GMT 2009 by **Ian Allardyce**

The reason why these and other weapons (like the panic inducing spray from NS a few weeks back) are going to become increasing dangerous to a healthy democracy is that they enable governments to quell protest even when it is peaceful without all the nasty TV pictures. You say 'would I rather see police using clubs' well no and neither do the police. But mark my words in 5 years time there'll be some peaceful protest, possibly even regarding

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something close to your heart, whereas the government wants brushed under the carpet, and the police will be on the streets with these things braking it up whilst the Fox News anchor reminds us what a caring bunch the police really are. That's why we ought to be cautious about such weapons.

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Microwave Weapons In Germany

Mon Apr 06 08:03:19 BST 2009 by **Dev**

Liberals aren't really the ones who wouldn't want this. Wouldn't that be conservatives? Isn't the idea behind liberal thoughts, to progress?

I'm not a 'liberal' but I think about others and I can see how this is MUCH better than clubs, guns, etc. The idea is to stop selfish people from harming themself or others without ending life.

Try thinking more liberally. If you know the meaning of the word liberal, you would know that thinking the opposite is the basis of criminal/selfish mentality. Not only that, but you would probably address issues without assuming you know better(even though you do in this case)

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Microwave Weapons In Gerny

Sat Jan 03 20:44:41 GMT 2009 by **Jay Worrell**

Surpise! Our Govt is already using these weapons on the people of America. It causes extreme pain and is used for torture. To be sure, it is part of there 'cleansing' program. FBI is heavily involved and knows about it.

[\(long URL - click here\)](#)

Check out this respected journalist comments.

Our govt or a part of it, has become the "New Nazi's" of the world.

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Microwave Weapons In Germany

Tue Jun 09 00:52:50 BST 2009 by **John F.**

I'm sorry but this is going to sound a tad negative. After reading the comments here I cannot sit back and say nothing.

If you do nothing wrong, you will never have this tool pointed at you.

It's that simple. Some people may need to be tortured for the safety of many.

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Microwave Weapons In Germany

Tue Jun 09 03:57:23 BST 2009 by **pamela pestora**

LOL ! are you kidding?

I had an accident that bent 2 wheels on a porsche.The city tried to steal my car from my private drive in one and a half business days.Had they asked I could have showed them the wheels were enroute UPS

It turned into an incident with 12 cops and a gun was pulled on me. Thank God for the old cop who looked at the documentation and told the rest to scram! But if he wasn't there I could have got shot.

What planet are you on?

Maybe you will change your tune one day because I used to blabber the same nonsense as you.

These weapons are the result of mentally ill violent men to be used when ordered by other sociopathic violent mentally ill men. Reasonable people do not need to spend all their time making weapons for the real violent men. Only a nutjob needs things like this.

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Long Term Health Damage

Wed Dec 24 11:54:53 GMT 2008 by [Josh](#)

I expect these damage eyesight and can lead to the pre-cancerous changes associated with mobile phones.

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Long Term Health Damage

Fri Dec 26 21:54:09 GMT 2008 by [Niall](#)

Microwaves can actually cook your insides, i think this is a much larger problem as they can pass the whole way through you meaning you could be internally injured as well as externally, e.g if this is fired for a while it could seriously injure the person as well (this is very likely to happen if these guns are aquired by criminals).

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Long Term Health Damage

Sat Dec 27 16:32:59 GMT 2008 by [Alex](#)

I'm more worried about crowd control police at protests than criminals...or are they the same thing? Like in Seattle, Philly, NYC, Denver, Minneapolis, and...Miami!: <http://www.youtube.com/watch?v=TUyJiEO7jOk&feature=related>

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Long Term Health Damage

Tue Jun 09 00:48:19 BST 2009 by [John Freemason](#)

If you're a criminal and doing something illegal you should expect the cops to use force in one form or the other. A slight heatrash or even a malfunctioning kidney or liver is nothing compared to a bullet. This is non-lethal! Why are you people so concerned? If you're not doing anything wrong you have nothing to worry about!

It's either this crowd dispersal tool or a fire hose? We can't use that anymore since that tactic was used during race protests and

multiple times in the 60's. Too much bad press is associated with turning the hoses on "protesters".

It's simple A bullet [kills], a tazer [kills if used wrong], a fire hose [you get wet] or this new item which only makes you uncomfortable. Jeez.

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Long Term Health Damage

Fri Dec 26 23:41:06 GMT 2008 by **Alex**

I agree. Very dangerous, instead they should gather old thrown-away microwaves and create a microwave catapult device, effective at roughly 100 metres. Incredible crowd control...just drawing the plans now....

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Long Term Health Damage

Sat Dec 27 15:02:46 GMT 2008 by **Sandy Henderson**

It seems to me that riots and other violent forms of pblic disorder tend to be warm weather recreations. You have to be particularly dedicated to your cause to do it i a blizzard ,or cold wind driven rain. To cool down a heated mob a truck load of ice where some of the melt water is sprayed into the blast from a protected fan would be very unpleasant, but non lethal.The rest of the melt water would be heated by cooling the air in a heat exchanger prior to the spray and this now warmr water sprayed over the ice chunks to slowly melt the ice and provide a supply of ice cold water. I figure a 10 tonne load of ice would provide enough "ammunition" to give about an hours worth of crowd cooling. If the demonstrators came prepared with thick clothing the device could switch quickly to provide hot steamy air by using a heater in the blast instead of the melt water

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Long Term Health Damage

Sun Dec 28 07:22:31 GMT 2008 by **Sandy Henderson**

A further thought on a "crowd cooler".Another aspect which might enhance the distracting power comes to mind. At the statue of liberty in New York, part of the inscription reads "Give me your poor, your huddled masses yearning to breathe free" The mission statement for the "crowd cooler" could be "We make the wet huddled masses yearn for a pee"

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Long Term Health Damage

Mon Dec 29 13:45:13 GMT 2008 by **Ioannis Gkrintzalis**

Warm weather recreation?

If you live in your little cocoon you sure wouldn't know what the real world is like.

People like you just amaze me.....

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Long Term Health Damage

Mon Dec 29 16:51:09 GMT 2008 by **Sandy Henderson**

From your name and comment you seem unlikely to have enjoyed standing outside in a Scottish winter.

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Long Term Health Damage

Fri Jan 09 17:43:51 GMT 2009 by **Mary Crockett**

Actually, Sandy, these are the weapons used most in WINTER when people are confined to their own homes by heavy snows, ice and bad weather. Those of us being D.E.W.ed every day escape horrible pain and 24-hr. Torture by escaping from the homes where D.E.W. Comes through the walls from power lines outside. My own confirmation of this fact happened when there was a POWER OUTAGE on my entire street and, "miraculously" I was "healed" of the non-stop torture that occurs in my own home where I live alone. Of course, the torture returned as soon as the power outage was repaired by CT LIGHT and POWER. I am 71 years old, retired to CT to be near family after working at ORACLE Database Co., doing world-wide multisiting of source code (I was an engineer at Oracle), working in the Executive Dept. Of the STATE of OREGON, and working as a Social Worker in the STATE of TEXAS. I graduated Summa Cum Laude, and may have triggered my torture only by REFUSING to be a TELEPHONE ADVISOR for PRES. BUSH when invited (I am a Democrat). Shortly after the refusal a neighbor called to say a "spook" wanted to meet me the next day. On schedule, my dog was "paralyzed" and I started "vomiting" and when I opened the front door, found the neighbor had just been handed a HANDHELD DEVICE that looked like a "heater" being pointed at me. The "heater" was mounted to send a small ray onto my back porch -- my dog died soon after in a huge pool of blood. Then, the neighbor and his dog died in a strange accident -- his body was refused burial in multiple churches. Unfortunately, that was just the beginning of my torture. I am NOT a political activist nor have I ever been, I was BORN in OREGON, not some foreign country and now, more than 2 years later, the TORTURE continues 24 hrs a day. My 3 computers have been destroyed. My car alternator was destroyed after warning to stop leaving the house to come to the library to use a computer. After being kidnapped from my own home and taken to a nearby hospital INVOLUNTARILY for "brain mapping", MRI and other "preparatory" procedures (billed to MEDICARE, BTW), the 24-hour-a-day auditory "chorus" of laughing, joking, people calling themselves "C.I.A." took over the auditory AND PAIN torture routine. We've become somewhat well acquainted...they try to "sing" with me in my church choir, and, given time, can reach me and torture my feet as I drive away from the house each day. They have destroyed most electrical outlets in my home (black char around where they hit)...I used strapping tape to save a few outlets for use, they destroyed my TV Cablevision 5x but I brought it back after a few hours of work each time. Apparently the only thing left for me to try is destroying my own hearing (cochlear destruction mentioned on this site) ...but that would now probably stop the 24-hr pain hits on the nerves just under my skin. My DR. Has discovered that I NO LONGER HAVE SYSTOLIC or DIASTOLIC MARKERS...my heartbeat is just a tiny wiggly line now. My ATTORNEY has been threatened with DEATH if he tries to take my case to court to present the "medical kit" prepared by the doctor who was advised by Georgetown Law Professor David Cole (who helps prisoners being held and tortured OUTSIDE the United States. I have committed no crimes, do not do drugs, and am eager for Obama to do something substantial to recognize and bring an end to this horrible Nazi-like U.S. Experience.

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Long Term Health Damage

Thu Jan 15 22:41:37 GMT 2009 by **S. Julia Pasternak**

I agree with Mary Crockett. I am also a targeted individual, undergoing lethal attacks and sicko terrorists cells working at my demise. Who can imagine 10 or 60 or more people working daily with satellite, computers, cell phones, using radiation, plasma, DEW, PEP, laser, slanders, brain mapping, programming, remote acoustics weapons and more. Recently They tortured, maimed, and killed my helpless cute cat. Imagine the sicko people that do this

repeatedly. If YOU are DRAFTED to SPY on your neighbor, DONT DO IT. They are USING you to stage a murder on that innocent person or animal. They then staged multiple attacks on me and even arranged a lethal road accident that somehow I survived. Then they talk on their cell phones on front of me planning the next attack. Thy know many people are SO mind controlled like slaves and they wont help a person in my position. Most people are so FOOLED by the PAINTED REALITY THEY WANT YOU TO BELIEVE that they cant WAKE UP and they are programmed by nanobots, implants, RFID, and transceivers illegally placed in their bodies during routine surgery, dental, at birth or vaccine. The human race is already enslaved. Who runs the CIA? Havent you read about the ABOVE GOVERNMENT powerful beings using mind control? Folks, you cant imagine the terrorist groups that we see everyday, they are people working for your city. People that network to slaughter people on a list they call targeted individuals. I assure you, I did NOTHING to deserve to be on any extermination list. They drive by stalking me and using electromagnetic weaponry. They send PEP's that are plasma with radiation and electromagnetics and they are lethal. Mary Crockett, please email me anewcolor hotmail

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Long Term Health Damage

Tue Jan 27 21:10:21 GMT 2009 by **Irmgard Kronsbein-Bellchambers**

Dear Mrs Crockett,

I hope you read this. The motive behind the torture is identity theft by someone who took a lucrative job under your name and qualifications and who is now attempting to drive you from your home (physical address given in eMail applications!) in order to take over the identity and address. The guilty party (identity thief) almost certainly was in your neighbourhood and irradiated your home before, therefore was aware of your refusal of the telephone-advisory position. Your lawyer should try to find the identity thief who does this to you and you yourself could organise a - friendly - opportunity to photograph all your neighbours. Anyone, who violently or totally unreasonably attempts to hinder you from taking a photograph, is likely to be a perpetrator, because this makes perps loose their lucrative jobs - the false identity becomes evident. This is a problem we have in Germany where former East German MiS try to get 'clean' identities after their atrocities in the GDR and use the same dastardly technology,

I hope your lawyer can help you in this way.

Kind regards, Irmgard Kronsbein-Bellchambers

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Long Term Health Damage

Mon Feb 02 22:38:51 GMT 2009 by **tonio**

is this some kind of SPAM?

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Long Term Health Damage

Mon Feb 16 12:55:06 GMT 2009 by **BCM**

lol

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Finally, A Response To The Old Carpenter's Song

Wed Dec 24 12:09:13 GMT 2008 by Anonamerican

A great solution to the request the Carpenter's made all those years ago:

What the world needs now, is weapons, more weapons... It's the only thing that there's just too little of.

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