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Unit 731 : Perpetrator of the Asian Holocaust

Bibliography

Primary Sources

Books

​Gold, Hal. *Unit 731 Testimony*​. Rutland: Tuttle, 1996.

This compilation of testimonies from former Unit 731 members helped us understand how the Japanese (specifically, Japanese scientists) perceived Unit 731’s experiments. It supplied us with accounts from Unit 731 members (such as hygiene specialist Wano Takeo) describing the horrid conditions and experiments Japanese victims were subject to.

Yamada, Otozo*. Materials on the Trial of Former Servicemen of the Japanese Army: Charged with Manufacturing and Employing Bacteriological Weapons*. Moscow: Foreign Languages Publishing House, 1950.

This book was translated from Russian court files on the prosecution of twelve Unit 731 members, and it contains a vast amount of information concerning the infrastructure of Japan’s biological warfare program. In the Testimony of Accused and Witnesses at the Trial section, each Unit 731 member on trial pleads guilty of bacteriological warfare crimes and describes the extent of Unit 731 experimentation. These testimonies (specifically, the testimonies of Kawashima, Hirazura, and Yamada) outlined the basic structure of the Unit 731 program and how it conducted its experimentation.

Images

General Note Pertaining to the Sources of Our Images: The majority of our pictures of Unit 731 were disclosed by the Japanese and United States Governments in a joint disclosure of information agreement (Japanese Imperial Disclosure Act of 2000). Unfortunately, because of the sensitivity of the topic (and the Japanese government officials who wish to censor documents pertaining to Japanese criminal activities during WW II), there does not appear to be one official source for Unit 731 images. We have found these images on various websites that do not cite the original source. Some websites that we took images from are very peculiar, but we have to use their pictures because there are not many sources for these images. We did not quote or use information from websites that lacked evidence for their conclusions. There is no official English source for Unit 731 pictures (even a state archivist could find anything); however, the images we used in our website are, in fact, legitimate (several of our credible book sources such as *Unit 731: Testimony*use the same pictures, but did not cite an English source).

Anonymous. China's Hatred Toward Japan. Photograph. [http://www.wsj.com/articles/SB10001424052702304680904579364802711547872](http://www.google.com/url?q=http%3A%2F%2Fwww.wsj.com%2Farticles%2FSB10001424052702304680904579364802711547872&sa=D&sntz=1&usg=AFQjCNGelTaHlKTJPMPpz2PyIGN5Fx_CUw).

This is a photograph of a Chinese politician who is still enraged at Japan for the mass murders that occurred. To this day, China still is attacking Japan, politically. In this photograph, the politician is holding up a photograph of the prime minister sitting in a mini plane that says Unit 731 on it, showing that he is mocking Japan and is not remorseful or sorry for Japan's World War II crimes.

Anonymous. Shinzo Abe. Photograph. [http://nation.time.com/2013/05/20/sorry-but-japan-still-cant-get-the-war-right/](http://www.google.com/url?q=http%3A%2F%2Fnation.time.com%2F2013%2F05%2F20%2Fsorry-but-japan-still-cant-get-the-war-right%2F&sa=D&sntz=1&usg=AFQjCNF46eTbbSD4xC91Bj3PyKhVTYSotA).

This is a picture of Shinzo Abe, the current Japanese president, sitting in a plane numbered “731”. It represents Shinzo Abe’s (and the rest of the Japanese government, for that matter) reluctance to formally apologize to other Asian countries for the atrocious experiments conducted by Unit 731. The plane itself is not affiliated with Unit 731 in any way.

Anonymous. Frostbite Testing. Photograph. [http://sinosphere.blogs.nytimes.com/2015/10/21/china-unit-731-japan-war-crimes-biological/](http://www.google.com/url?q=http%3A%2F%2Fsinosphere.blogs.nytimes.com%2F2015%2F10%2F21%2Fchina-unit-731-japan-war-crimes-biological%2F&sa=D&sntz=1&usg=AFQjCNFujZPOAMHOUHQGaXspf6v2veWUpw).

This is an example of a Chinese man being tested with Frostbite. Frostbite tests were conducted under physiologist, Yoshimura Hisato. These tests took place under many different conditions with various results, for example the effects for different temperatures were tested for by bludgeoning a victim to see which areas are or aren't frozen.

Anonymous. Fort Detrick. Photograph. [http://mcm.dhhq.health.mil/cb\_exposures/cold\_war/fortdetrick.aspx](http://www.google.com/url?q=http%3A%2F%2Fmcm.dhhq.health.mil%2Fcb_exposures%2Fcold_war%2Ffortdetrick.aspx&sa=D&sntz=1&usg=AFQjCNFp8KOBU_6L0IXqEulefvj0lqkBew).

This is a picture of the laboratory in Fort Detrick, Maryland, which was used by the U.S. to design biological weapons of mass destruction. Data collected from Unit 731 experimentation was used to create the new American biowarfare program.

Anonymous. Pingfang. Photograph. [http://www.theharbinguide.com/things-to-do/unit-731-base/](http://www.google.com/url?q=http%3A%2F%2Fwww.theharbinguide.com%2Fthings-to-do%2Funit-731-base%2F&sa=D&sntz=1&usg=AFQjCNFveADXVL4MdFGD0PngjfDSkgol7w).

Pingfang was the area of the base of operations until 1945.It was shut down after WWII ended in order to prevent Unit 731 experiments from being uncovered. The Imperial Army of Japan helped break down this base when it was thought that Japan would lose the war.

Chalker, Scott Bridger. Drawing of terrible conditions in Japanese prisons. Illustration. [http://www.telegraph.co.uk/news/obituaries/11236300/Jack-Chalker-obituary.html](http://www.google.com/url?q=http%3A%2F%2Fwww.telegraph.co.uk%2Fnews%2Fobituaries%2F11236300%2FJack-Chalker-obituary.html&sa=D&sntz=1&usg=AFQjCNHrsH86gUx4H9K_HSaWEA9QMontSg).

This is a photograph of a drawing depicting the terrible conditions in Japanese prisons. This drawing was made by Jack Bridger Chalker. He made his drawings using coal and human blood because of the lack of proper artistic mediums. He wished to show the outside world how dreadful Japanese experimentation facilities were. The Japanese were not used to having prisoners, because in Japanese culture, samurai, Japanese warriors chose death over imprisonment. The Japanese were not used to keeping prisoners in livable conditions.

Japanese Government. Vivisection. Photograph. [http://www.jesus-is-savior.com/Disturbing%20Truths/unit\_731-japanese\_evils.html](http://www.google.com/url?q=http%3A%2F%2Fwww.jesus-is-savior.com%2FDisturbing%2520Truths%2Funit_731-japanese_evils.html&sa=D&sntz=1&usg=AFQjCNHMyGkg1Fo0WNAy1ZO4SFmbVUtKbg).

This is a photograph of a Chinese man being vivisected by Unit 731 doctors. Vivisections killed thousands of victims during Unit 731 experimentation. They took place without anesthesia because scientists feared they would make the results of the experiments inaccurate.

Japanese Government. Child Victim. Photograph. [https://www.mtholyoke.edu/~kann20c/classweb/dw2/page1.html](https://www.google.com/url?q=https%3A%2F%2Fwww.mtholyoke.edu%2F~kann20c%2Fclassweb%2Fdw2%2Fpage1.html&sa=D&sntz=1&usg=AFQjCNEoQ_OWtwQk8qipOdsdfSJbofZnFQ). This is a photograph of an infant being vivisected.

This photograph shows the extent that Shirō Ishii went to due to his own curiosity. This photograph shows curiosity is not only a gift to humanity, but that it can also lead to morally flawed decisions. Important Information that still affects us today was attained however the cost was the millions of deaths that occurred due to curiosity.

Japanese Government. Buried Victim. Photograph. [https://www.mtholyoke.edu/~kann20c/classweb/dw2/page1.html](https://www.google.com/url?q=https%3A%2F%2Fwww.mtholyoke.edu%2F~kann20c%2Fclassweb%2Fdw2%2Fpage1.html&sa=D&sntz=1&usg=AFQjCNEoQ_OWtwQk8qipOdsdfSJbofZnFQ).

This is a photograph of a victim being buried alive. When Japan knew they were losing the war, they knew Unit 731 had to shut down and they had to remove all evidence of the project, so Unit 731 released all of the animals on which experiments were conducted on, killed the remaining human victims, had the Imperial Army of Japan destroy the buildings in which the experiments took place, and had all research hidden. Japan had destroyed all signs of experimentation.

Japanese Government. Phosgene Gas Experimentation. Photograph. [http://www.historicalfirearms.info/post/65644545062/real-horror-japanese-human-experimentation-during](http://www.google.com/url?q=http%3A%2F%2Fwww.historicalfirearms.info%2Fpost%2F65644545062%2Freal-horror-japanese-human-experimentation-during&sa=D&sntz=1&usg=AFQjCNFmJ6m2kvBPGMYmZgrLbkZFrXEPFg).

This is a photograph of a victim of a phosgene gas experiment. The phosgene gas was injected into a brick-lined room with the victims inside of the room. This is just one experiment in the many other biological experiments performed by Unit 731 physicians.

Japanese Government. Gas Experiment. Photograph. [http://www.historicalfirearms.info/post/65644545062/real-horror-japanese-human-experimentation-during](http://www.google.com/url?q=http%3A%2F%2Fwww.historicalfirearms.info%2Fpost%2F65644545062%2Freal-horror-japanese-human-experimentation-during&sa=D&sntz=1&usg=AFQjCNFmJ6m2kvBPGMYmZgrLbkZFrXEPFg).

This is a photograph of a gas being pumped into a victim through a pipe. This experiment was attempting to discover the physical limitations of the human body. In this case, doctors were testing the limits of human exposure to pressurized gas.

Japanese Government. China shames Japan. Photograph. [http://www.businessinsider.com/china-is-trying-to-use-wwii-history-to-shame-japan-and-weaken-its-alliances-2015-8](http://www.google.com/url?q=http%3A%2F%2Fwww.businessinsider.com%2Fchina-is-trying-to-use-wwii-history-to-shame-japan-and-weaken-its-alliances-2015-8&sa=D&sntz=1&usg=AFQjCNFrbJ3gs00Wiqp_C-3kW3kl6NiWMw).

China is attempting to shame Japan for its World War II war crimes using mainstream media and film in order to weaken Japan's allies. This shows China continuation of still having some hatred,to this today, toward Japan for Japan's war crimes.

Japanese Government. Continued Experimentation. Photograph. [http://www.wow.com/wiki/Project\_112](http://www.google.com/url?q=http%3A%2F%2Fwww.wow.com%2Fwiki%2FProject_112&sa=D&sntz=1&usg=AFQjCNHtWY6obn5nx_NUFRRpAGF4vi3tew).

This is a photograph displaying Project SHAD. SHAD is an acronym for Ship Hazard And Defense. This was an effort under Project 112 in the 1960s by the United States and was used to conduct 46 tests using deadly biological weapons on United States test subjects. It incorporated aspects of the Unit 731 program of Japan in its work.

Japanese Government. Bacteria Testing. Photograph. [http://priceonomics.com/how-the-us-government-tested-biological-warfare-on/](http://www.google.com/url?q=http%3A%2F%2Fpriceonomics.com%2Fhow-the-us-government-tested-biological-warfare-on%2F&sa=D&sntz=1&usg=AFQjCNFHzRI9vLcGDd8bqwAX6bha7LfmsQ).

This is a photograph of technicians testing bacteria at Fort Detrick based on the research accrued by the Japanese. The U.S. program even recruited former Japanese Unit 731 members (such as Shiro Ishii) to serve as advisors to the researchers.

Japanese Government. Buried Bodies. Photograph. [http://b-29s-over-korea.com/Japanese-War-Crimes/index3.html](http://www.google.com/url?q=http%3A%2F%2Fb-29s-over-korea.com%2FJapanese-War-Crimes%2Findex3.html&sa=D&sntz=1&usg=AFQjCNGXplqjoK02AvY34qmWoA_gkqNtGQ).

This is a photograph of the heads of Chinese POWS that were used by Unit 731 members as test subjects. This shows what little care the Japanese demonstrated for their victims. The Japanese even considered their victims to be maruto or logs. They also referred to their victims as "it" and did not consider the prisoners of war to be human.

Japanese Government. Colonel Ryochi Naito. Photograph. [http://www.tcj.com/blood-plants-mizuki-shigeru-kitaro-and-the-japanese-blood-industry/3LkColonel](http://www.google.com/url?q=http%3A%2F%2Fwww.tcj.com%2Fblood-plants-mizuki-shigeru-kitaro-and-the-japanese-blood-industry%2F3LkColonel&sa=D&sntz=1&usg=AFQjCNGduoh5jnOdD9igATmLyAalefLl8Q)

Ryochi Naito was 3rd in command. Colonel Ryochi Naito also founded a pharmaceutical company, The Green Cross, after the disbandment of Unit 731. This company was one of the most popular pharmaceutical companies in Japan. Former Unit 731 members also worked in this company. This shows that the Unit 731 members did not completely lose contact once Unit 731 was disbanded. The Green Cross was Japan's first blood bank and sold drugs for medical purposes. This company was later involved in a scandal in which around 3000 Japanese people contracted HIV through distribution of unsafe products.

Japanese Government. Emperor Hirohito. Photograph. [history.com](http://www.google.com/url?q=http%3A%2F%2Fhistory.com%2F&sa=D&sntz=1&usg=AFQjCNHfSyc1AMOFz6NiYrhGPb5YoBOSBw). [http://www.history.com/topics/world-war-ii/hirohito](http://www.google.com/url?q=http%3A%2F%2Fwww.history.com%2Ftopics%2Fworld-war-ii%2Fhirohito&sa=D&sntz=1&usg=AFQjCNEqTyHYykfIzXJtx2KE8wciXPI-Eg).

Emperor Hirohito approved of the creation of this unit. His brother was extremely involved with the experimentation conducted by Unit 731, and even witnessed a vivisection conducted by Shirō Ishii. Emperor Hirohito, like Ishii, also had a deep interest in science and also thought that this experimentation would truly help Japan become a more modern nation so it could compete with Western countries.

Japanese Government. General Hideki Tojo. Photograph. [http://www.nndb.com/people/950/000091677/](http://www.google.com/url?q=http%3A%2F%2Fwww.nndb.com%2Fpeople%2F950%2F000091677%2F&sa=D&sntz=1&usg=AFQjCNHGYYXA0B3KcWMqGm2eYtw6x5v9AA).

General Hideki Tojo was a general of the Imperial Japanese army and approved for the use of Unit 731 weapons. He was the 40th prime minister of Japan and was responsible for the attacks on Pearl Harbor. After the war ended General Hideki Tojo was arrested and hanged.

Japanese Government. Vivisection of a Chinese man. Photograph. [http://crimescenedb.com/unit-731/](http://www.google.com/url?q=http%3A%2F%2Fcrimescenedb.com%2Funit-731%2F&sa=D&sntz=1&usg=AFQjCNEuAjPvkBoKuis4LBJ6ocMpAiSiPA).

A Chinese man is being vivisected by Unit 731 physicians. A vivisection was a process that killed thousands of victims during World War II. These vivisections took place under many different conditions, for example, sometimes victims were infected with disease, had organs removed, had their limbs amputated, and even had organs moved around to different locations in the body.

Japanese Government. Japanese Soldiers stationed at Unit 731. Photograph. [morcanbooksandfilms.com](http://www.google.com/url?q=http%3A%2F%2Fmorcanbooksandfilms.com%2F&sa=D&sntz=1&usg=AFQjCNE8zyxPbdc5zjbvEyjn6-4n15zUxQ).

This is a photograph of a group of Japanese soldiers stationed at a Unit 731 facility.

Japanese Government. Zhogma Fortress. Photograph. [jref.com](http://www.google.com/url?q=http%3A%2F%2Fjref.com%2F&sa=D&sntz=1&usg=AFQjCNH5iBguCI8naRboofXfbpegLvjkVg).

This is a photograph of Zhogma Fortress, Unit 731’s center for human experimentation until it was dismantled in 1937. It was dismantled because 12 prisoners escaped and spread word of the Unit's crimes. Zhogma Fortress had served as the first Japanese biological warfare facility in Manchuria.

Japanese Government. Shiga Kiyoshi. Photograph.[http://images.wellcome.ac.uk/indexplus/obf\_images/86/3e/5f6784ed63e296fcfd4bcbfeea60.jpg](http://www.google.com/url?q=http%3A%2F%2Fimages.wellcome.ac.uk%2Findexplus%2Fobf_images%2F86%2F3e%2F5f6784ed63e296fcfd4bcbfeea60.jpg&sa=D&sntz=1&usg=AFQjCNGmynERiWq8HFahn4tgkrTxglXyGg).

Shiga Kiyoshi was a Unit 731 scientist who was responsible for much of our knowledge in the field of pathology. He, like many other Japanese scientists, studied battlefield disease prevention. Japan’s vast knowledge of medicine is what inspired them to study biowarfare.

Japanese Government. Chlorine gas. Photograph. [http://tothosewhoserved.org/usa/ts/usatsc02/chapter04.html](http://www.google.com/url?q=http%3A%2F%2Ftothosewhoserved.org%2Fusa%2Fts%2Fusatsc02%2Fchapter04.html&sa=D&sntz=1&usg=AFQjCNHJB-PogGeXABjQHs35PR86e4Iw2A).

This is a photograph of Unit 731 members testing chlorine gas on their subjects. Chlorine gas was utilized in WWI by Western powers. Shiro Ishii visited the West after WWI and was inspired to develop biological weapons for Japan.

Japanese Government. Pathogen bomb testing. Photograph. [http://modernnotion.com/meet-unit-731-japans-nightmarish-world-war-ii-research-team/](http://www.google.com/url?q=http%3A%2F%2Fmodernnotion.com%2Fmeet-unit-731-japans-nightmarish-world-war-ii-research-team%2F&sa=D&sntz=1&usg=AFQjCNGA9JJkezj67A5whdFooVStJ5_V1A).

This is a photograph of Unit 731 members examining the effects of a pathogen bomb. The scientists were remorseless, and dissected people alive once they were affected by the bomb. This shows how terrible the Japanese were towards “racially inferior” humans

Japanese Government. Vivisection of a Chinese man. [http://china-underground.com/2012/10/17/35-rare-images-of-the-infamous-japanese-experiment-unit-731-in-china/](http://www.google.com/url?q=http%3A%2F%2Fchina-underground.com%2F2012%2F10%2F17%2F35-rare-images-of-the-infamous-japanese-experiment-unit-731-in-china%2F&sa=D&sntz=1&usg=AFQjCNFC5NvHSVrCq9oIRswcO7FTwRaytA).

This is another picture of the vivisection of a Chinese man by Unit 731 scientists. Vivisection was a process that killed thousands during World War II. These vivisections took place under many different conditions, for example, sometimes victims were infected with disease, had organs removed, had their limbs amputated, and even had organs moved around to different locations in the body. This picture depicts how expendable the *maruta* were considered to be.

Japanese Government. Shiro Ishii. Photograph. Public Domain. [http://www.africanglobe.net/headlines/13-evil-government-human-experiments/attachment/dr-shiro-ishii/](http://www.google.com/url?q=http%3A%2F%2Fwww.africanglobe.net%2Fheadlines%2F13-evil-government-human-experiments%2Fattachment%2Fdr-shiro-ishii%2F&sa=D&sntz=1&usg=AFQjCNHQG9fqTKDhGRQst2cxq579w3tbXA)

This is a photograph of Shirō Ishii. Shirō Ishii was not only the head of Unit 731, but also a Japanese army medical officer and microbiologist. Ishii traveled in Europe and the United States for many years searching for information on bacteriological weapons used in World War One.

Japanese Government. Attacking of a POW. Photograph. [http://www.cs.mcgill.ca/~rwest/wikispeedia/wpcd/wp/j/Japanese\_war\_crimes.html](http://www.google.com/url?q=http%3A%2F%2Fwww.cs.mcgill.ca%2F~rwest%2Fwikispeedia%2Fwpcd%2Fwp%2Fj%2FJapanese_war_crimes.html&sa=D&sntz=1&usg=AFQjCNEJUg1NK731zjnWZMTULFVX1cQEIQ).

This is a photograph depicting a Japanese officer attacking an Australian Prisoner of War. This is one of the various ways in which the victims of Unit 731 died. Not all of the prisoners were killed due to the experiments, some were killed without reasoning as well, which plays a major role in politics today. China is still enraged at Japan because of the mass murders.

Japanese Government. Terrible conditions for the POWs. Photograph. [https://en.m.wikipedia.org/wiki/Japanese\_war\_crimes](https://www.google.com/url?q=https%3A%2F%2Fen.m.wikipedia.org%2Fwiki%2FJapanese_war_crimes&sa=D&sntz=1&usg=AFQjCNFxzv_zqxqhuU98SW_vQOPllAb-PA).

This is a photograph displaying the terrible conditions of the prisoners. Just by looking at the POWs in the pictures, you can tell that they are very underfed and have nothing to do. It seems as if they are wearing garbage bags for pants and you can see the fear in their eyes, hoping they won't be tested on next. The reason for these conditions is because of Japanese culture. In Japanese culture, the warriors in that time period, known as samurai, would commit suicide if a battle was lost, by cutting open their stomachs. The Japanese were not used to keeping prisoners, so the prisoners were under extremely harsh conditions.

Japanese Government. Unit 731 Experiment. Photograph. [http://www.popcrunch.com/15-bizarre-experiments-gone-tragically-wrong/](http://www.google.com/url?q=http%3A%2F%2Fwww.popcrunch.com%2F15-bizarre-experiments-gone-tragically-wrong%2F&sa=D&sntz=1&usg=AFQjCNGx1tAm62M_M1OEdAL-uiPH9a47qA).

This is a photograph of a live experiment going on. This is one of the various experiments that was involved in the mass murders caused by Unit 731. These mass murders had no purpose except for exploration of science.

Japanese Government.  Ryoichi Naito. Photograph. [http://warfarehistorynetwork.com/daily/military-history/military-intelligence-japans-bw-group/](http://www.google.com/url?q=http%3A%2F%2Fwarfarehistorynetwork.com%2Fdaily%2Fmilitary-history%2Fmilitary-intelligence-japans-bw-group%2F&sa=D&sntz=1&usg=AFQjCNEkeFsMjveKAAkJnz4kqK6IkJLEYg).

Ryochi Naito was 3rd in command. Colonel Ryochi Naito also founded the pharmaceutical company, Green Cross. The Green Cross was Japan's first blood bank and sold drugs for medical purposes. This company was later involved in a scandal in which around 3000 Japanese people contracted HIV through distribution of unsafe products.

Japanese Government. Hideki Tojo. Photograph. [http://www.gettyimages.fr/detail/photo-d'actualit%C3%A9/japanese-general-and-prime-minister-hideki-tojo-photo-dactualit%C3%A9/3091773](http://www.google.com/url?q=http%3A%2F%2Fwww.gettyimages.fr%2Fdetail%2Fphoto-d'actualit%25C3%25A9%2Fjapanese-general-and-prime-minister-hideki-tojo-photo-dactualit%25C3%25A9%2F3091773&sa=D&sntz=1&usg=AFQjCNGhzFm6U4-aTEz1QKQu4YCNOfuanw).

General Hideki Tojo was a general of the Imperial Japanese army and approved for the use of Unit 731 weapons. He was the 40th prime minister of Japan and was responsible for the attacks on Pearl Harbor. After the war ended General Hideki Tojo was arrested and hanged.

Japanese Government. US POWs. Photograph. [http://www.theguardian.com/world/2015/aug/13/japan-revisits-its-darkest-moments-where-american-pows-became-human-experiments](http://www.google.com/url?q=http%3A%2F%2Fwww.theguardian.com%2Fworld%2F2015%2Faug%2F13%2Fjapan-revisits-its-darkest-moments-where-american-pows-became-human-experiments&sa=D&sntz=1&usg=AFQjCNGlXJwYVYnBtNG3Xu_oD7olmUvHIA).

This is a photograph of the United States POW survivors. This photograph shows how victims                   weren't just from Asia but also from other out of Asia countries such as    the United States.

Japanese Government. Mass Death. Photograph. [http://firsttoknow.com/unit-731-horrors-asian-auschwitz-youve-never-heard/](http://www.google.com/url?q=http%3A%2F%2Ffirsttoknow.com%2Funit-731-horrors-asian-auschwitz-youve-never-heard%2F&sa=D&sntz=1&usg=AFQjCNFEbcl6ka6gH5y9TSokVS8N_3oX_A).

This is a photograph showing a series of dead bodies on the ground due to the mass murders. These thousands of bodies were just left on the ground without a proper funeral, as if these human bodies were bodies of animals.

Japanese Government. Victim of Frostbite. Photograph. [https://en.m.wikipedia.org/wiki/Japanese\_war\_crimes](https://www.google.com/url?q=https%3A%2F%2Fen.m.wikipedia.org%2Fwiki%2FJapanese_war_crimes&sa=D&sntz=1&usg=AFQjCNFxzv_zqxqhuU98SW_vQOPllAb-PA).

This is a photograph of a victim of frostbite. Frostbite testing took place under various conditions in attempt for finding a cure for frostbite, which was eventually achieved.

Japanese Government. Bayonet Usage. Photograph. [https://en.m.wikipedia.org/wiki/Japanese\_war\_crimes](https://www.google.com/url?q=https%3A%2F%2Fen.m.wikipedia.org%2Fwiki%2FJapanese_war_crimes&sa=D&sntz=1&usg=AFQjCNFxzv_zqxqhuU98SW_vQOPllAb-PA).

This is a photograph of an officer using a bayonet on a prisoner. He is using the prisoner as a target, as if the prisoner is a nonliving thing, such as wood. The prisoners at this time were referred to as maruta (wood), and the prisoner is being used as a wooden target would be used.

Kai, Wang. Human testing laboratory in Harbin. Photograph.[http://english.cntv.cn/2014/04/19/ARTI1397901243849251\_4.shtml](http://www.google.com/url?q=http%3A%2F%2Fenglish.cntv.cn%2F2014%2F04%2F19%2FARTI1397901243849251_4.shtml&sa=D&sntz=1&usg=AFQjCNELZnoXOu3jTURh8vRWLZFsgIqfSw).

This is a photograph of the ruins of a human testing laboratory in Harbin (the Pingfang district). After the end of WWII, facilities such as this one were destroyed to erase all evidence of Unit 731 activities in the region.

Komura Shintaro. Chikahiko Koizumi. Photograph. [https://www.pinterest.com/pin/505810601870606505/](https://www.google.com/url?q=https%3A%2F%2Fwww.pinterest.com%2Fpin%2F505810601870606505%2F&sa=D&sntz=1&usg=AFQjCNHUXnlaxU0r7mLprI2Ayj9M0eYWSA).

Colonel Chikahiko funded for and supported Unit 731. Once he graduated from Tokyo Imperial University, Colonel Chikahiko joined the Medical Corps. He later became an Army Surgeon General in the Japanese Imperial Army. After the war ended he was suspected of war crimes, but committed suicide instead of going through investigation.

Russian Government. Anthrax Research laboratory. [http://galatv.am/hy/inozlmn/136996/](http://www.google.com/url?q=http%3A%2F%2Fgalatv.am%2Fhy%2Finozlmn%2F136996%2F&sa=D&sntz=1&usg=AFQjCNFsShNigCunKqJRGW0Agod1HR5jlw).

This is a photograph of a Soviet Russian anthrax production facility. The Russians adopted the use of anthrax bombs shortly after seizing several Unit 731 laboratories.  This was a major impact of the Unit 731 biological warfare program.

Shintaro, Komura. Colonel Chikahiko Koizumi. Photograph. [http://www.generals.dk/general/Koizumi/Chikahiko/Japan.html](http://www.google.com/url?q=http%3A%2F%2Fwww.generals.dk%2Fgeneral%2FKoizumi%2FChikahiko%2FJapan.html&sa=D&sntz=1&usg=AFQjCNEVUGXp7kx3KlYtk5yT27pmZd6QTA).

Colonel Chikahiko funded for and supported Unit 731. Once he graduated from Tokyo Imperial University, Colonel Chikahiko joined the Medical Corps. He later became an Army Surgeon General in the Japanese Imperial Army. After the war ended he was suspected of war crimes, but committed suicide instead of going through investigation.

Takezawa, Masao. Lieutenant General Masaji Kitano. Photograph. Public Domain.

General Kitano was the 2nd in command behind Shirō Ishii. He was also a Lieutenant General in the Imperial Army of Japan and a microbiologist. He was also the head of biological experimentation.

United States Government. Douglas MacArthur. Photograph. [http://www.biography.com/people/douglas-macarthur-9390257](http://www.google.com/url?q=http%3A%2F%2Fwww.biography.com%2Fpeople%2Fdouglas-macarthur-9390257&sa=D&sntz=1&usg=AFQjCNGCEvsYptVe4UE8EOm9QNLtpBXslA).

This is a picture of General Douglas MacArthur, a general on the side of U.S. In World War II. General Douglas MacArthur was the general who gave Japanese surgeons immunity in exchange for Japanese research on biological warfare since he believed the information would help the United States in the soon coming Cold War.

Websites

Anonymous. “War veteran gives Unit 731 testimony”. TheJapanTimes. 10-01-1997. Accessed 2/17/16. [http://www.japantimes.co.jp/news/1997/10/01/national/war-veteran-gives-unit-731-testimony/#.VtyLT\_krKhc](http://www.google.com/url?q=http%3A%2F%2Fwww.japantimes.co.jp%2Fnews%2F1997%2F10%2F01%2Fnational%2Fwar-veteran-gives-unit-731-testimony%2F%23.VtyLT_krKhc&sa=D&sntz=1&usg=AFQjCNGnMJnshjP_SxBSPlfWgTItmUtd8w)

This article is about Yutako Mio, a former Unit 731 member who testified in court against the Japanese government. His testimony and interview with The Japan Times confirmed that Unit 731 would abduct innocent civilians and subject them to extreme brutality.

Connor, Neil. “70 years on, Unit 731’s wartime atrocities fester in China’s memory”. The Japan Times. 2-12-15. Accessed 2/17/16. [http://www.japantimes.co.jp/news/2015/02/12/national/history/70-years-unit-731s-wartime-atrocities-fester-chinas-memory/#.VtyFuvkrKhc](http://www.google.com/url?q=http%3A%2F%2Fwww.japantimes.co.jp%2Fnews%2F2015%2F02%2F12%2Fnational%2Fhistory%2F70-years-unit-731s-wartime-atrocities-fester-chinas-memory%2F%23.VtyFuvkrKhc&sa=D&sntz=1&usg=AFQjCNE9EYnqd22gtEAQPT0czK8AzpRISQ)

This article is about an interview with Li Fengqin, one of the many victims of Unit 731’s experiments. Her interview with The Japan Times helped us understand how the victims (and their families) of Unit 731’s barbarous experiments were severely affected.

Hudson, Christopher. “Doctors of Depravity”. Daily Mail. 3-2-2007. Accessed 2/17/16. [http://www.dailymail.co.uk/news/article-439776/Doctors-Depravity.html](http://www.google.com/url?q=http%3A%2F%2Fwww.dailymail.co.uk%2Fnews%2Farticle-439776%2FDoctors-Depravity.html&sa=D&sntz=1&usg=AFQjCNH8sB6sNGLtwm0uv3AMllTOpc0SQA)

This article is about two interviews with two people from opposite sides of the struggle. Akira Makino reminisces of his days as a medical assistant in Unit 731. His testimony helped us understand that the Japanese dissected people for “educational purposes”. Major Robert Peaty was a victim of Japan’s experimentation, and we were able to understand the perspectives of the victims because of his testimony.

McCurry, Justin. “Japanese veteran admits vivisection tests on PoWs”. The Guardian. 11-26-2006. Accessed 2/17/16. [http://www.theguardian.com/world/2006/nov/27/secondworldwar.japan](http://www.google.com/url?q=http%3A%2F%2Fwww.theguardian.com%2Fworld%2F2006%2Fnov%2F27%2Fsecondworldwar.japan&sa=D&sntz=1&usg=AFQjCNE8yr8a1f-Qx6cElGRhBjGtuuiZpw)

This article is an additional interview with Akira Makino. He one of several former Japanese soldiers who decided to reveal the truth about their country's use of human experimentation before they die.

McCurry, Justin. “Japan’s sins of the past”.  The Guardian. 10-28-2004. Accessed 2/17/16. [http://www.theguardian.com/world/2004/oct/28/worlddispatch.justinmccurry](http://www.google.com/url?q=http%3A%2F%2Fwww.theguardian.com%2Fworld%2F2004%2Foct%2F28%2Fworlddispatch.justinmccurry&sa=D&sntz=1&usg=AFQjCNFCgW10kxY7bbYEl9jHczNY3cQ08g)

​This article is an interview with another victim of Unit 731, Fang Shiwei. He and his family suffered through a plague outbreak incited by Unit 731, and recounts his experience as “terrifying”. His testimony allowed us to understand how Unit 731 impacted thousands of lives through the spread of their plagues.

Peng, Fu. "China Focus: Testimonies reveal Japanese atrocities". Xinhua net. 08-15-2014. Accessed 2/17/16. [http://news.xinhuanet.com/english/china/2014-08/15/c\_133559895.htm](http://www.google.com/url?q=http%3A%2F%2Fnews.xinhuanet.com%2Fenglish%2Fchina%2F2014-08%2F15%2Fc_133559895.htm&sa=D&sntz=1&usg=AFQjCNGdCiTQskKaMa8M9iLDfMKhnZXqzg)

This article consists of four separate testimonies from former Unit 731 members. It highlights the extreme racism of Japanese culture that, to some degree, continues on today. Most of the members who testified in this article had no qualms about conducting brutal experimentation on other live human beings.

University of the Virginia School of Law. “Biological Warfare”. The Tokyo War Crimes Tribunal. 6-30-2014. Accessed 2/17/16. [http://lib.law.virginia.edu/imtfe/](http://www.google.com/url?q=http%3A%2F%2Flib.law.virginia.edu%2Fimtfe%2F&sa=D&sntz=1&usg=AFQjCNEV9AnuCF4tqMZEYlaYObdTdi6Dqw)

This website served as an archive for hundreds of primary source documents about Japan’s biological warfare program and the small group of scientists from Unit 731 put on trial. These documents showed us how little care was given by the U.S. government about the atrocities committed by Unit 731, as most of the members of Unit 731 were either granted immunity from prosecution or were given light sentences.

Articles

Cunliffe, William H. “Select Documents on Japanese War Crimes and Japanese Biological

Warfare, 1934-2006”. Washington, D.C.: National Archives and Records Administration

This group of primary sources was officially released by the Japanese Disclosure Act (1999) and a U.S. Executive Order (1999). This information helped us understand how the United States reacted to the biological warfare program in Japan. Exchanges between Sanders and MacArthur were useful primary sources because they focused on the U.S. cover-up.

Secondary Sources

Books

Annas, George J. and Michael A. Grodin, ed. *The Nazi Doctors and the Nuremberg Code:*

*Human Rights in Human Experimentation*. New York: Oxford University Press, 1992.

Although this book did not focus on Unit 731, it provided a large amount of information on human experimentation and human rights in general. Just like the Japanese, the Nazis were infamous for their human experimentation research, so the book still provided much useful information concerning Japanese experimentation.

Barenblatt, Daniel. *A Plague Upon Humanity*​. New York City: Perennial, 2004.

This book ties Japan’s biological warfare program in with the Pacific War. The book demonstrates how Unit 731 technology was utilized in war by the Kwantang Army. It also lists many long term consequences of Unit 731.

Harris, Sheldon H. ​Factories of Death. ​New York City: ​Routledge, ​1994. ​

This book is about the actual research conducted by Unit 731. It lists Japanese experimental procedures and what the Japanese studied and learned. It gave us an in-depth view on Japanese experimentation during WW II.

Williams, Peter, and David Wallace. *Unit 731: Japan’s Secret Biological Warfare in World War II*. New York: The Free Press, A Division of Macmillan, Inc., New York, 1989.

This book is about the biological attacks launched against China during WW II.  The book focuses predominantly on Unit 731 an its extensive study of pathogens and how they affect the human body. Pathology was an important field of study for Unit 731 members, as the weapons program focused on the development of bacteria bombs.

Articles from Journals

Byrd, Gregory Dean. "General Ishii Shiro: His Legacy is That of Genius and Madman". ​Electronic Theses and Dissertations​ (2005).

This article was about the importance of Shiro Ishii in Unit 731. Shiro Ishii played a major role in the creation and development of Japan’s biowarfare program. Byrd goes into detail about Ishii’s perceived “genius” and the weapons Shiro Ishii was directly responsible for conceiving.

Drea, Edward, Bradsher, Greg, Hanyok, Robert, Lide, James, Petersen, Michael, and Yang, Daqing. ​​"Researching Japanese War Crimes Records". ​Nazi War crimes and Japanese Imperial Government Records Interagency Working Group ​ (2006).

This article is about the nature of the war crimes Japan (and, to an extent, Unit 731) committed during WW II. The essays focus on the mistreatment of American, Australian, and Asian PoWs. Many PoWs were subject to brutal experimentation conducted by Unit 731.

Vanderbrook, Alan Jay. “Imperial Japan’s Human Experiments Before and During World War Two”. Department of History in the College of Arts and Humanities at the University of Central Florida (2013).

This article elaborates on the Japanese cultural racism Hal Gold mentioned in *Unit 731: Testimony*. The Japanese’s perceptions on Europeans, Asians, and PoWs was largely responsible for the creation of Japan’s biological weapons program.

Videos

"Japanese doctors criticize wartime atrocities of Unit 731".Video file, 1:45. YouTube. Posted by Arirang News, Apr 13, 2015.

This video is about a group of Japanese doctors who are criticizing their government for attempting to hide Unit 731 history. Shinzo Abe still refuses to release the complete set of details about Unit 731 to the general public.

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"Unit 731 Japanese Biological Warfare Program WWII". Video file, 0:56. YouTube. Posted by markdcatlin, Apr 6, 2010.

This video briefly summarizes the different experiments Unit 731 conducted on humans. Innocent civilians and Allied prisoners of war were used as test subjects because of their supposed “expendability”. Once the West discovered these experiments, they began conducting experiments of their own in order to emulate Japanese success in biological warfare.

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"Unit 731 destroyed evidence of WWII experiments: researchers". Video file, 0:55. YouTube. Posted by New China TV, Jul 24, 2015.

This video is about how Unit 731 destroyed and hid possible evidence of their crimes. Incineration pits and traces of explosives were found near the Unit 731 headquarters. These pits and explosives were used to hide and destroy evidence. During the Japanese army's retreat in 1945, the facility in Harbin’s Pingfang district that Unit 731 used was destroyed.

Websites

Green, Shane. “The Asian Auschwitz of Unit 731”. The Age. 8-29-2002. Accessed 2/17/16. [http://www.theage.com.au/articles/2002/08/28/1030508070534.html](http://www.google.com/url?q=http%3A%2F%2Fwww.theage.com.au%2Farticles%2F2002%2F08%2F28%2F1030508070534.html&sa=D&sntz=1&usg=AFQjCNGSqsnFu1xQWpL47pEowJC4OlDuFA)

This article is about how gruesome and terrifying Unit 731 was. Around 3000 Chinese prisoners were directly killed and 250000 Chinese left to die because of biological warfare experiments. This website also discussed how Ishii became popular. His invention a water filter is how he derived much of his fame.

McCurry, Justin. “Japan unearths sites linked to human experiments”. The Guardian. 2-21-2011. Accessed 2/17/16. [http://www.theguardian.com/world/2011/feb/21/japan-excavates-site-human-experiments](http://www.google.com/url?q=http%3A%2F%2Fwww.theguardian.com%2Fworld%2F2011%2Ffeb%2F21%2Fjapan-excavates-site-human-experiments&sa=D&sntz=1&usg=AFQjCNH5_4vxYZQ-vp4xOjn3nu9T5IzddQ)

This article is about Toyo Ishii, a former nurse who broke her 61-year-old silence and told everyone about how she and her colleagues were forced to bury corpses after Japanese surrender in the August of 1945. The government of Japan even launched a 100 man investigation after Toyo Ishii in fear of her revealing more secrets.

Smith, Robert Barr. “Japanese War Crime Trials”. History Net. 6-12-2006. Accessed 2-17-16. [http://www.historynet.com/japanese-war-crime-trials.htm](http://www.google.com/url?q=http%3A%2F%2Fwww.historynet.com%2Fjapanese-war-crime-trials.htm&sa=D&sntz=1&usg=AFQjCNGD34rn_bz-i7_XQW6sgtjhzJC9Fw)

This article is about Unit 731’s exchange of information for war crime immunity from the United States government. Barr emphasizes the importance in the role General MacArthur played in securing the Japanese experimental data.

Underwood, William, and Jian, Kang. “Japan's Top Court Poised to Kill Lawsuits by Chinese War Victims”. OhmyNews. 3-05-2007. Accessed 2/17/16. [http://english.ohmynews.com/articleview/article\_view.asp?menu=c10400&no=348509&rel\_no=1](http://www.google.com/url?q=http%3A%2F%2Fenglish.ohmynews.com%2Farticleview%2Farticle_view.asp%3Fmenu%3Dc10400%26no%3D348509%26rel_no%3D1&sa=D&sntz=1&usg=AFQjCNEeDJ0eqxmPsC4me9RxZbVHUjhUew)

This article is about how Japan didn't accept responsibilities for the Unit 731 experimentation. The Japanese government has not made any attempts to make amends for the crimes of Unit 731. Japan continues to come up with new strategies in order to defend itself from the lawsuits of Chinese victims.