

# Five decisions that made the Nobel Prizes look bad

October 1 2016, by Karl Ritter

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In this file photo dated December 10, 1948, Nobel Prize winners of 1948, shortly after being presented their prize inside the concert hall in Stockholm, Sweden. English writer T.S. Eliot Nobel Prize for Literature and the Swiss Scientist Paul Mueller Nobel Prize for Medicine. Mueller was honored for discovering that the powerful pesticide DDT killed flies and mosquitoes to fight Typhus and Malaria, but ended up doing both good and bad as it also poisoned wildlife. Nobel Prizes cannot be changed or revoked, so the judges must put a lot of thought into their selections, with this year's awards due to be announced over the next two weeks. (AP Photo/FILE)

Nobel Prizes cannot be revoked, so the judges must put a lot of thought into their selections for the six awards, which will be announced in the next two weeks.

A discovery might seem groundbreaking today, but will it stand the test of time?

Prize founder Alfred Nobel wanted to honor those whose discoveries created "the greatest benefit to mankind." Here are five Nobel Prize decisions that, in hindsight, seem questionable:

When a German who organized poison gas attacks won the chemistry prize

Fritz Haber was awarded the 1918 chemistry award for discovering how to create ammonia from nitrogen and hydrogen gases. His method was used to manufacture fertilizers and delivered a major boost to agriculture worldwide.

But the Nobel committee completely overlooked Haber's role in chemical warfare during World War I. Enthusiastically supporting the German war effort, he supervised the first major chlorine gas attack at Ypres, Belgium, in 1915, which killed thousands of Allied troops.

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When the medicine committee awarded a cancer discovery that wasn't

Danish scientist Johannes Fibiger won the 1926 medicine award for discovering that a roundworm caused cancer in rats.

There was only one problem: the roundworm didn't cause cancer in rats.

Fibiger insisted his research showed that rats ingesting worm larvae by eating cockroaches developed cancer. At the time when he won the prize, the Nobel judges thought that made perfect sense.

It later turned out the rats developed cancer from a lack of vitamin A.

Oops.



In this file photo dated 1931, Mahatma Gandhi talks to a crowd in India. The Indian independence leader who is considered one of history's great champions of non-violent struggle, Gandhi was nominated for the Nobel Peace Prize five times, but never won the honor. Nobel Prizes cannot be changed or revoked, so the judges must put a lot of thought into their selections, with this year's awards due to be announced over the next two weeks. (AP Photo/James A. Mills, FILE)

When chemistry prize honored man who found use for DDT, which was later banned

The 1948 medicine prize to Swiss scientist Paul Mueller honored a discovery that ended up doing both good and bad.

Mueller didn't invent dichlorodiphenyltrichloroethane, or DDT, but he discovered that it was a powerful pesticide that could kill lots of flies, mosquitoes and beetles in a short time.

The compound proved very effective in protecting agricultural crops and fighting insect-borne diseases like Typhus and Malaria. DDT saved hundreds of thousands of lives and helped eradicate malaria from southern Europe.

But in the 1960s environmentalists found that DDT was poisoning wildlife and the environment. The U.S. banned DDT in 1972 and in 2001 it was banned by an international treaty, though exemptions are allowed for some countries fighting malaria.

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When the man who invented lobotomy won the medicine prize

Carving up people's brains may have seemed like a good idea at the time. But in hindsight, rewarding Portuguese scientist Antonio Egas Moniz in 1949 for inventing lobotomy to treat mental illness wasn't the Nobel Prizes' finest hour.

The method became very popular in the 1940s, and at the award ceremony it was praised as "one of the most important discoveries ever

made in psychiatric therapy."

But it had serious side effects: some patients died and others were left severely brain damaged. Even operations that were considered successful left patients unresponsive and emotionally numb.

The method declined quickly in the 1950s as drugs to treat mental illness became widespread and it's used very seldom today.

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When India's Mahatma Gandhi didn't win the peace prize

The Indian independence leader, considered one of history's great champions of non-violent struggle, was nominated for the Nobel Peace Prize no fewer than five times. He never won.

The peace prize committee, which rarely concedes a mistake, eventually acknowledged that not awarding Gandhi was an omission.

In 1989—41 years after Gandhi's death—the Nobel committee chairman paid tribute to Gandhi as he presented that year's award to the Dalai Lama.

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