


**Alfred Nobel
&
The Nobel Prize**

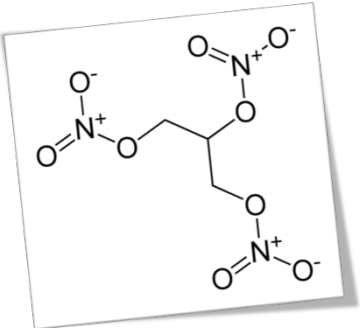
Prepared by M. Eaton & C. O. Alm

Alfred Nobel: Beginnings

- Born October 21, 1833 in Stockholm
- Move to St. Petersburg
- Private studies
- Apprenticeships in Paris and the US
- Return to Sweden



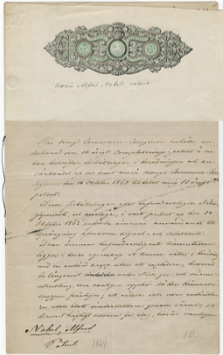
Explosions



- Experiments
- Nitroglycerine
- Patents
- Factory explosions
- Move to Germany
- United States Blasting Oil Company

The Big Bang

- Another explosion
- *Kieselguhr* & the invention of dynamite
- More companies
- Bertha von Suttner



Growth and Decline

- Ballistite
- Death in San Remo, Italy, December 10, 1896
- Writing
 - Poetry
 - Prose
 - Drama
- Artificial silk & leather

The Will

- Signed November 27, 1895
- Established fund for annual prizes
 - physics, chemistry, medicine, literature, peace
- Outrage and delays
- Addition of economics prize
- What is it worth in \$?



The Nobel Prize



- December 10
- Prizes
- Lectures
- Well-known individual and organizational winners

Swedish Nobel Prize Winners: quick facts

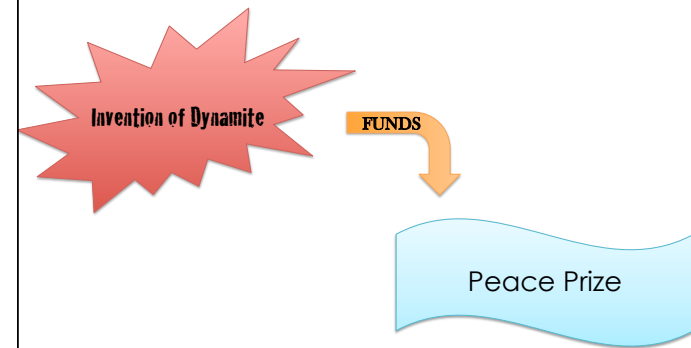
- 7 Physiology or Medicine (e.g. Arvid Carlsson)
- 5 Literature Laureates
- 5 Peace Laureates
- 4 Physics Laureates
- 4 Chemistry Laureates (e.g. Svante Arrhenius)
- 2 Economics Prize winners

Denmark: 13 Laureates, Norway: 11 Laureates, Finland: 4 Laureates, Faroe Islands: 1 Laureate, Iceland: 1 Laureate

US Nobel Prize Winners: quick facts

- The USA has the largest amount of Nobel Prize winners (39% total, 45% if only counting sciences, medicine & economics)
 - In 2003, the City of New York received as gift a Nobel Monument (created by Swede Sivert Lindblom) with inscribes names of US winners—leaving room for your name to be added!
- Does your university boost any Laureates among faculty/alumni?
Which area do you think the US has most Laureates in?*
- 93 Physiology or Medicine
 - 84 Physics Laureates
 - 61 Chemistry Laureates
 - 45 Economics Prize winners (in honor of Nobel)
 - 20 Peace Laureates
 - 11 Literature Laureates

The Nobel Paradox?



Bibliography

- "Alfred Nobel – Timeline." Nobelprize.org.
- Ringertz, Nils. "Alfred Nobel - His Life and Work." Nobelprize.org.
- "Nobel, Alfred Bernhard." Encyclopædia Britannica. Encyclopædia Britannica Online. Encyclopædia Britannica, 2009. Web. 21 Nov. 2009 <<http://search.eb.com/eb/article-9056007>>.
- "Nobel Prize." Encyclopædia Britannica. Encyclopædia Britannica Online. Encyclopædia Britannica, 2009. Web. 21 Nov. 2009 <<http://search.eb.com/eb/article-9056008>>.
- <http://www.nobelmonument.com/>.
- http://sv.wikipedia.org/wiki/Lista_%C3%B6ver_svenska_Nobelpristagare
http://en.wikipedia.org/wiki/List_of_Nobel_laureates_by_country
http://www.jinfo.org/US_Nobel_Prizes.html
- http://commons.wikimedia.org/wiki/File:Pearl_Buck_and_Swedish_King.gif
- http://en.wikipedia.org/wiki/File:Nobel_patent.jpg
- <http://en.wikipedia.org/wiki/File:Nitroglycerin-2D-skeletal.png>
- <http://commons.wikimedia.org/wiki/File:AlfredNobel2.jpg>
- http://commons.wikimedia.org/wiki/File:Alfred_Nobel_-_Testamente.jpg