

Nobel Prizes (by Category)

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Abstract: Nobel Prizes are set up by the will of Alfred Nobel which are awarding to people and organizations who have done outstanding research, invented groundbreaking techniques or equipment, or made outstanding contributions to society. The Nobel Prizes are generally awarded annually in the categories as following: Physics, decided by the Royal Swedish Academy of Sciences; Chemistry, decided by the Royal Swedish Academy of Sciences; Physiology or Medicine, decided by Karolinska Institutet; Literature, decided by the Swedish Academy; Peace, decided by the Norwegian Nobel Committee, appointed by the Norwegian Parliament, Stortinget; Economics, decided by the Royal Swedish Academy of Sciences. Nobel Prizes are widely regarded as the highest prize in the world today. [The Journal of American Science. 2005;1(3):56-79].

Keywords: chemistry; economics; literature; medicine; Nobel Prize; peace; physics; physiology; science

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1. Physics, decided by the Royal Swedish Academy of Sciences
2. Chemistry, decided by the Royal Swedish Academy of Sciences
3. Physiology or Medicine, decided by Karolinska Institutet
4. Literature, decided by the Swedish Academy
5. Peace, decided by the Norwegian Nobel Committee, appointed by the Norwegian Parliament, Stortinget
6. Economics, decided by the Royal Swedish Academy of Sciences

Nobel Prizes are widely regarded as the highest prize in the world today. Up to 2004, a total of 770 Nobel Prizes have been awarded. This article will give a whole list of the Nobel Prizes since the first Nobel Prize in 1901 according to the category.

Nobel's will

First, here I want to introduce the Nobel's will for the Nobel Prize.

The Nobel Prizes were set up by the final will of Alfred Nobel, a Swedish chemist, industrialist, and the inventor of dynamite on November 27, 1895 at the Swedish-Norwegian Club in Paris. In his will, Alfred left 94% of his worth to the establishment of five Noble Prizes. Although Nobel's will established the prizes, his prizing plan was incomplete due to various other hurdles, including his relatives' claiming for his fortune, it was five years before the Nobel Foundation could be established and the first prizes awarded in 1901.

The following is the Alfred Noble's will:

"The whole of my remaining realizable estate shall be dealt with in the following way:

The capital shall be invested by my executors in safe securities and shall constitute a fund, the interest on which shall be annually distributed in the form of prizes to those who, during the preceding year, shall have conferred the greatest benefit on mankind. The said interest shall be divided into five equal parts, which shall be apportioned as follows: one part to the person who shall have made the most important discovery or invention within the field of physics; one part to the person who shall have made the most important chemical discovery or improvement; one part to the person who shall have made the most important discovery within the domain of physiology or medicine; one part to the person who shall have produced in the field of literature the most outstanding work of an idealistic tendency; and one part to the person who shall have done the most or the best work for fraternity among nations, for the abolition or reduction of standing armies and for the holding and promotion of peace congresses.

The prizes for physics and chemistry shall be awarded by the Swedish Academy of Sciences; that for physiological or medical works by the Caroline Institute in Stockholm; that for literature by the Academy in Stockholm; and that for champions of peace by a committee of five persons to be elected by the Norwegian Storting. It is my express wish that in awarding the prizes no consideration whatever shall be given to the nationality of the candidates, so that the most worthy shall receive the prize, whether he be a Scandinavian or not."

Alfred Nobel,
November 27, 1895
Swedish-Norwegian Club in Paris

All Prize Winners

Order according to Category

1. **1901** - Chemistry, Jacobus H. van 't Hoff
2. **1902** - Chemistry, Emil Fischer
3. **1903** - Chemistry, Svante Arrhenius
4. **1904** - Chemistry, Sir William Ramsay
5. **1905** - Chemistry, Adolf von Baeyer
6. **1906** - Chemistry, Henri Moissan
7. **1907** - Chemistry, Eduard Buchner
8. **1908** - Chemistry, Ernest Rutherford
9. **1909** - Chemistry, Wilhelm Ostwald
10. **1910** - Chemistry, Otto Wallach
11. **1911** - Chemistry, Marie Curie
12. **1912** - Chemistry, Victor Grignard
13. Chemistry, Paul Sabatier
14. **1913** - Chemistry, Alfred Werner
15. **1914** - Chemistry, Theodore W. Richards
16. **1915** - Chemistry, Richard Willstätter
17. **1918** - Chemistry, Fritz Haber
18. **1920** - Chemistry, Walther Nernst
19. **1921** - Chemistry, Frederick Soddy

20. **1922** - Chemistry, Francis W. Aston
21. **1923** - Chemistry, Fritz Pregl
22. **1925** - Chemistry, Richard Zsigmondy
23. **1926** - Chemistry, The Svedberg
24. **1927** - Chemistry, Heinrich Wieland
25. **1928** - Chemistry, Adolf Windaus
26. **1929** - Chemistry, Arthur Harden
27. Chemistry, Hans von Euler-Chelpin
28. **1930** - Chemistry, Hans Fischer
29. **1931** - Chemistry, Friedrich Bergius
30. Chemistry, Carl Bosch
31. **1932** - Chemistry, Irving Langmuir
32. **1934** - Chemistry, Harold C. Urey
33. **1935** - Chemistry, Frédéric Joliot
34. Chemistry, Irène Joliot-Curie
35. **1936** - Chemistry, Peter Debye
36. **1937** - Chemistry, Norman Haworth
37. Chemistry, Paul Karrer
38. **1938** - Chemistry, Richard Kuhn
39. **1939** - Chemistry, Adolf Butenandt
40. Chemistry, Leopold Ruzicka
41. **1943** - Chemistry, George de Hevesy
42. **1944** - Chemistry, Otto Hahn
43. **1945** - Chemistry, Artturi Virtanen
44. **1946** - Chemistry, John H. Northrop
45. Chemistry, Wendell M. Stanley
46. Chemistry, James B. Sumner
47. **1947** - Chemistry, Sir Robert Robinson
48. **1948** - Chemistry, Arne Tiselius
49. **1949** - Chemistry, William F. Giaque
50. **1950** - Chemistry, Kurt Alder
51. Chemistry, Otto Diels
52. **1951** - Chemistry, Edwin M. McMillan
53. Chemistry, Glenn T. Seaborg
54. **1952** - Chemistry, Archer J.P. Martin
55. Chemistry, Richard L.M. Synge
56. **1953** - Chemistry, Hermann Staudinger
57. **1954** - Chemistry, Linus Pauling

58. **1955** - Chemistry, Vincent du Vigneaud
59. **1956** - Chemistry, Sir Cyril Hinshelwood
60. Chemistry, Nikolay Semenov
61. **1957** - Chemistry, Lord Todd
62. **1958** - Chemistry, Frederick Sanger
63. **1959** - Chemistry, Jaroslav Heyrovsky
64. **1960** - Chemistry, Willard F. Libby
65. **1961** - Chemistry, Melvin Calvin
66. **1962** - Chemistry, John C. Kendrew
67. Chemistry, Max F. Perutz
68. **1963** - Chemistry, Giulio Natta
69. Chemistry, Karl Ziegler
70. **1964** - Chemistry, Dorothy Crowfoot Hodgkin
71. **1965** - Chemistry, Robert B. Woodward
72. **1966** - Chemistry, Robert S. Mulliken
73. **1967** - Chemistry, Manfred Eigen
74. Chemistry, Ronald G.W. Norrish
75. Chemistry, George Porter
76. **1968** - Chemistry, Lars Onsager
77. **1969** - Chemistry, Derek Barton
78. Chemistry, Odd Hassel
79. **1970** - Chemistry, Luis Leloir
80. **1971** - Chemistry, Gerhard Herzberg
81. **1972** - Chemistry, Christian Anfinsen
82. Chemistry, Stanford Moore
83. Chemistry, William H. Stein
84. **1973** - Chemistry, Ernst Otto Fischer
85. Chemistry, Geoffrey Wilkinson
86. **1974** - Chemistry, Paul J. Flory
87. **1975** - Chemistry, John Cornforth
88. Chemistry, Vladimir Prelog
89. **1976** - Chemistry, William Lipscomb
90. **1977** - Chemistry, Ilya Prigogine
91. **1978** - Chemistry, Peter Mitchell
92. **1979** - Chemistry, Herbert C. Brown
93. Chemistry, Georg Wittig
94. **1980** - Chemistry, Paul Berg
95. Chemistry, Walter Gilbert

96. Chemistry, Frederick Sanger
97. **1981** - Chemistry, Kenichi Fukui
98. Chemistry, Roald Hoffmann
99. **1982** - Chemistry, Aaron Klug
100. **1983** - Chemistry, Henry Taube
101. **1984** - Chemistry, Bruce Merrifield
102. **1985** - Chemistry, Herbert A. Hauptman
103. Chemistry, Jerome Karle
104. **1986** - Chemistry, Dudley R. Herschbach
105. Chemistry, Yuan T. Lee
106. Chemistry, John C. Polanyi
107. **1987** - Chemistry, Donald J. Cram
108. Chemistry, Jean-Marie Lehn
109. Chemistry, Charles J. Pedersen
110. **1988** - Chemistry, Johann Deisenhofer
111. Chemistry, Robert Huber
112. Chemistry, Hartmut Michel
113. **1989** - Chemistry, Sidney Altman
114. Chemistry, Thomas R. Cech
115. **1990** - Chemistry, Elias James Corey
116. **1991** - Chemistry, Richard R. Ernst
117. **1992** - Chemistry, Rudolph A. Marcus
118. **1993** - Chemistry, Kary B. Mullis
119. Chemistry, Michael Smith
120. **1994** - Chemistry, George A. Olah
121. **1995** - Chemistry, Paul J. Crutzen
122. Chemistry, Mario J. Molina
123. Chemistry, F. Sherwood Rowland
124. **1996** - Chemistry, Robert F. Curl Jr.
125. Chemistry, Sir Harold Kroto
126. Chemistry, Richard E. Smalley
127. **1997** - Chemistry, Paul D. Boyer
128. Chemistry, Jens C. Skou
129. Chemistry, John E. Walker
130. **1998** - Chemistry, Walter Kohn
131. Chemistry, John Pople
132. **1999** - Chemistry, Ahmed Zewail
133. **2000** - Chemistry, Alan Heeger

134. Chemistry, Alan G. MacDiarmid
135. Chemistry, Hideki Shirakawa
136. **2001** - Chemistry, William S. Knowles
137. Chemistry, Ryoji Noyori
138. Chemistry, K. Barry Sharpless
139. **2002** - Chemistry, John B. Fenn
140. Chemistry, Koichi Tanaka
141. Chemistry, Kurt Wüthrich
142. **2003** - Chemistry, Peter Agre
143. Chemistry, Roderick MacKinnon
144. **2004** - Chemistry, Aaron Ciechanover
145. Chemistry, Avram Hershko
146. Chemistry, Irwin Rose
147. **1969** - Economics, Ragnar Frisch
148. Economics, Jan Tinbergen
149. **1970** - Economics, Paul A. Samuelson
150. **1971** - Economics, Simon Kuznets
151. **1972** - Economics, Kenneth J. Arrow
152. Economics, John R. Hicks
153. **1973** - Economics, Wassily Leontief
154. **1974** - Economics, Gunnar Myrdal
155. Economics, Friedrich August von Hayek
156. **1975** - Economics, Leonid Vitaliyevich Kantorovich
157. Economics, Tjalling C. Koopmans
158. **1976** - Economics, Milton Friedman
159. **1977** - Economics, James E. Meade
160. Economics, Bertil Ohlin
161. **1978** - Economics, Herbert A. Simon
162. **1979** - Economics, Sir Arthur Lewis
163. Economics, Theodore W. Schultz
164. **1980** - Economics, Lawrence R. Klein
165. **1981** - Economics, James Tobin
166. **1982** - Economics, George J. Stigler
167. **1983** - Economics, Gerard Debreu
168. **1984** - Economics, Richard Stone
169. **1985** - Economics, Franco Modigliani
170. **1986** - Economics, James M. Buchanan Jr.
171. **1987** - Economics, Robert M. Solow

- 172. **1988** - Economics, Maurice Allais
- 173. **1989** - Economics, Trygve Haavelmo
- 174. **1990** - Economics, Harry M. Markowitz
- 175. Economics, Merton H. Miller
- 176. Economics, William F. Sharpe
- 177. **1991** - Economics, Ronald H. Coase
- 178. **1992** - Economics, Gary S. Becker
- 179. **1993** - Economics, Robert W. Fogel
- 180. Economics, Douglass C. North
- 181. **1994** - Economics, John C. Harsanyi
- 182. Economics, John F. Nash Jr.
- 183. Economics, Reinhard Selten
- 184. **1995** - Economics, Robert E. Lucas Jr.
- 185. **1996** - Economics, James A. Mirrlees
- 186. Economics, William Vickrey
- 187. **1997** - Economics, Robert C. Merton
- 188. Economics, Myron S. Scholes
- 189. **1998** - Economics, Amartya Sen
- 190. **1999** - Economics, Robert A. Mundell
- 191. **2000** - Economics, James J. Heckman
- 192. Economics, Daniel L. McFadden
- 193. **2001** - Economics, George A. Akerlof
- 194. Economics, A. Michael Spence
- 195. Economics, Joseph E. Stiglitz
- 196. **2002** - Economics, Daniel Kahneman
- 197. Economics, Vernon L. Smith
- 198. **2003** - Economics, Robert F. Engle III
- 199. Economics, Clive W.J. Granger
- 200. **2004** - Economics, Finn E. Kydland
- 201. Economics, Edward C. Prescott
- 202. **1901** - Literature, Sully Prudhomme
- 203. **1902** - Literature, Theodor Mommsen
- 204. **1903** - Literature, Bjørnstjerne Bjørnson
- 205. **1904** - Literature, José Echegaray
- 206. Literature, Frédéric Mistral
- 207. **1905** - Literature, Henryk Sienkiewicz
- 208. **1906** - Literature, Giosuè Carducci
- 209. **1907** - Literature, Rudyard Kipling

210. **1908** - Literature, Rudolf Eucken
211. **1909** - Literature, Selma Lagerlöf
212. **1910** - Literature, Paul Heyse
213. **1911** - Literature, Maurice Maeterlinck
214. **1912** - Literature, Gerhart Hauptmann
215. **1913** - Literature, Rabindranath Tagore
216. **1915** - Literature, Romain Rolland
217. **1916** - Literature, Verner von Heidenstam
218. **1917** - Literature, Karl Gjellerup
219. Literature, Henrik Pontoppidan
220. **1919** - Literature, Carl Spitteler
221. **1920** - Literature, Knut Hamsun
222. **1921** - Literature, Anatole France
223. **1922** - Literature, Jacinto Benavente
224. **1923** - Literature, William Butler Yeats
225. **1924** - Literature, Wladyslaw Reymont
226. **1925** - Literature, George Bernard Shaw
227. **1926** - Literature, Grazia Deledda
228. **1927** - Literature, Henri Bergson
229. **1928** - Literature, Sigrid Undset
230. **1929** - Literature, Thomas Mann
231. **1930** - Literature, Sinclair Lewis
232. **1931** - Literature, Erik Axel Karlfeldt
233. **1932** - Literature, John Galsworthy
234. **1933** - Literature, Ivan Bunin
235. **1934** - Literature, Luigi Pirandello
236. **1936** - Literature, Eugene O'Neill
237. **1937** - Literature, Roger Martin du Gard
238. **1938** - Literature, Pearl Buck
239. **1939** - Literature, Frans Eemil Sillanpää
240. **1944** - Literature, Johannes V. Jensen
241. **1945** - Literature, Gabriela Mistral
242. **1946** - Literature, Hermann Hesse
243. **1947** - Literature, André Gide
244. **1948** - Literature, T.S. Eliot
245. **1949** - Literature, William Faulkner
246. **1950** - Literature, Bertrand Russell
247. **1951** - Literature, Pär Lagerkvist

- 248. **1952** - Literature, François Mauriac
- 249. **1953** - Literature, Winston Churchill
- 250. **1954** - Literature, Ernest Hemingway
- 251. **1955** - Literature, Halldór Laxness
- 252. **1956** - Literature, Juan Ramón Jiménez
- 253. **1957** - Literature, Albert Camus
- 254. **1958** - Literature, Boris Pasternak
- 255. **1959** - Literature, Salvatore Quasimodo
- 256. **1960** - Literature, Saint-John Perse
- 257. **1961** - Literature, Ivo Andric
- 258. **1962** - Literature, John Steinbeck
- 259. **1963** - Literature, Giorgos Seferis
- 260. **1964** - Literature, Jean-Paul Sartre
- 261. **1965** - Literature, Mikhail Sholokhov
- 262. **1966** - Literature, Samuel Agnon
- 263. Literature, Nelly Sachs
- 264. **1967** - Literature, Miguel Angel Asturias
- 265. **1968** - Literature, Yasunari Kawabata
- 266. **1969** - Literature, Samuel Beckett
- 267. **1970** - Literature, Alexandr Solzhenitsyn
- 268. **1971** - Literature, Pablo Neruda
- 269. **1972** - Literature, Heinrich Böll
- 270. **1973** - Literature, Patrick White
- 271. **1974** - Literature, Eyvind Johnson
- 272. Literature, Harry Martinson
- 273. **1975** - Literature, Eugenio Montale
- 274. **1976** - Literature, Saul Bellow
- 275. **1977** - Literature, Vicente Aleixandre
- 276. **1978** - Literature, Isaac Bashevis Singer
- 277. **1979** - Literature, Odysseus Elytis
- 278. **1980** - Literature, Czeslaw Milosz
- 279. **1981** - Literature, Elias Canetti
- 280. **1982** - Literature, Gabriel García Márquez
- 281. **1983** - Literature, William Golding
- 282. **1984** - Literature, Jaroslav Seifert
- 283. **1985** - Literature, Claude Simon
- 284. **1986** - Literature, Wole Soyinka
- 285. **1987** - Literature, Joseph Brodsky

- 286. **1988** - Literature, Naguib Mahfouz
- 287. **1989** - Literature, Camilo José Cela
- 288. **1990** - Literature, Octavio Paz
- 289. **1991** - Literature, Nadine Gordimer
- 290. **1992** - Literature, Derek Walcott
- 291. **1993** - Literature, Toni Morrison
- 292. **1994** - Literature, Kenzaburo Oe
- 293. **1995** - Literature, Seamus Heaney
- 294. **1996** - Literature, Wislawa Szymborska
- 295. **1997** - Literature, Dario Fo
- 296. **1998** - Literature, José Saramago
- 297. **1999** - Literature, Günter Grass
- 298. **2000** - Literature, Gao Xingjian
- 299. **2001** - Literature, V.S. Naipaul
- 300. **2002** - Literature, Imre Kertész
- 301. **2003** - Literature, J.M. Coetzee
- 302. **2004** - Literature, Elfriede Jelinek
- 303. **1901** - Medicine, Emil von Behring
- 304. **1902** - Medicine, Ronald Ross
- 305. **1903** - Medicine, Niels Ryberg Finsen
- 306. **1904** - Medicine, Ivan Pavlov
- 307. **1905** - Medicine, Robert Koch
- 308. **1906** - Medicine, Camillo Golgi
- 309. Medicine, Santiago Ramón y Cajal
- 310. **1907** - Medicine, Alphonse Laveran
- 311. **1908** - Medicine, Paul Ehrlich
- 312. Medicine, Ilya Mechnikov
- 313. **1909** - Medicine, Theodor Kocher
- 314. **1910** - Medicine, Albrecht Kossel
- 315. **1911** - Medicine, Allvar Gullstrand
- 316. **1912** - Medicine, Alexis Carrel
- 317. **1913** - Medicine, Charles Richet
- 318. **1914** - Medicine, Robert Bárány
- 319. **1919** - Medicine, Jules Bordet
- 320. **1920** - Medicine, August Krogh
- 321. **1922** - Medicine, Archibald V. Hill
- 322. Medicine, Otto Meyerhof
- 323. **1923** - Medicine, Frederick G. Banting

- 324. Medicine, John Macleod
- 325. **1924** - Medicine, Willem Einthoven
- 326. **1926** - Medicine, Johannes Fibiger
- 327. **1927** - Medicine, Julius Wagner-Jauregg
- 328. **1928** - Medicine, Charles Nicolle
- 329. **1929** - Medicine, Christiaan Eijkman
- 330. Medicine, Sir Frederick Hopkins
- 331. **1930** - Medicine, Karl Landsteiner
- 332. **1931** - Medicine, Otto Warburg
- 333. **1932** - Medicine, Edgar Adrian
- 334. Medicine, Sir Charles Sherrington
- 335. **1933** - Medicine, Thomas H. Morgan
- 336. **1934** - Medicine, George R. Minot
- 337. Medicine, William P. Murphy
- 338. Medicine, George H. Whipple
- 339. **1935** - Medicine, Hans Spemann
- 340. **1936** - Medicine, Sir Henry Dale
- 341. Medicine, Otto Loewi
- 342. **1937** - Medicine, Albert Szent-Györgyi
- 343. **1938** - Medicine, Corneille Heymans
- 344. **1939** - Medicine, Gerhard Domagk
- 345. **1943** - Medicine, Henrik Dam
- 346. Medicine, Edward A. Doisy
- 347. **1944** - Medicine, Joseph Erlanger
- 348. Medicine, Herbert S. Gasser
- 349. **1945** - Medicine, Ernst B. Chain
- 350. Medicine, Sir Alexander Fleming
- 351. Medicine, Sir Howard Florey
- 352. **1946** - Medicine, Hermann J. Muller
- 353. **1947** - Medicine, Carl Cori
- 354. Medicine, Gerty Cori
- 355. Medicine, Bernardo Houssay
- 356. **1948** - Medicine, Paul Müller
- 357. **1949** - Medicine, Walter Hess
- 358. Medicine, Egas Moniz
- 359. **1950** - Medicine, Philip S. Hench
- 360. Medicine, Edward C. Kendall
- 361. Medicine, Tadeus Reichstein

- 362. **1951** - Medicine, Max Theiler
- 363. **1952** - Medicine, Selman A. Waksman
- 364. **1953** - Medicine, Hans Krebs
- 365. Medicine, Fritz Lipmann
- 366. **1954** - Medicine, John F. Enders
- 367. Medicine, Frederick C. Robbins
- 368. Medicine, Thomas H. Weller
- 369. **1955** - Medicine, Hugo Theorell
- 370. **1956** - Medicine, André F. Cournand
- 371. Medicine, Werner Forssmann
- 372. Medicine, Dickinson W. Richards
- 373. **1957** - Medicine, Daniel Bovet
- 374. **1958** - Medicine, George Beadle
- 375. Medicine, Joshua Lederberg
- 376. Medicine, Edward Tatum
- 377. **1959** - Medicine, Arthur Kornberg
- 378. Medicine, Severo Ochoa
- 379. **1960** - Medicine, Sir Frank Macfarlane Burnet
- 380. Medicine, Peter Medawar
- 381. **1961** - Medicine, Georg von Békésy
- 382. **1962** - Medicine, Francis Crick
- 383. Medicine, James Watson
- 384. Medicine, Maurice Wilkins
- 385. **1963** - Medicine, Sir John Eccles
- 386. Medicine, Alan L. Hodgkin
- 387. Medicine, Andrew F. Huxley
- 388. **1964** - Medicine, Konrad Bloch
- 389. Medicine, Feodor Lynen
- 390. **1965** - Medicine, François Jacob
- 391. Medicine, André Lwoff
- 392. Medicine, Jacques Monod
- 393. **1966** - Medicine, Charles B. Huggins
- 394. Medicine, Peyton Rous
- 395. **1967** - Medicine, Ragnar Granit
- 396. Medicine, Haldan K. Hartline
- 397. Medicine, George Wald
- 398. **1968** - Medicine, Robert W. Holley
- 399. Medicine, H. Gobind Khorana

- 400. Medicine, Marshall W. Nirenberg
- 401. **1969** - Medicine, Max Delbrück
- 402. Medicine, Alfred D. Hershey
- 403. Medicine, Salvador E. Luria
- 404. **1970** - Medicine, Julius Axelrod
- 405. Medicine, Sir Bernard Katz
- 406. Medicine, Ulf von Euler
- 407. **1971** - Medicine, Earl W. Sutherland, Jr.
- 408. **1972** - Medicine, Gerald M. Edelman
- 409. Medicine, Rodney R. Porter
- 410. **1973** - Medicine, Konrad Lorenz
- 411. Medicine, Nikolaas Tinbergen
- 412. Medicine, Karl von Frisch
- 413. **1974** - Medicine, Albert Claude
- 414. Medicine, Christian de Duve
- 415. Medicine, George E. Palade
- 416. **1975** - Medicine, David Baltimore
- 417. Medicine, Renato Dulbecco
- 418. Medicine, Howard M. Temin
- 419. **1976** - Medicine, Baruch S. Blumberg
- 420. Medicine, D. Carleton Gajdusek
- 421. **1977** - Medicine, Roger Guillemin
- 422. Medicine, Andrew V. Schally
- 423. Medicine, Rosalyn Yalow
- 424. **1978** - Medicine, Werner Arber
- 425. Medicine, Daniel Nathans
- 426. Medicine, Hamilton O. Smith
- 427. **1979** - Medicine, Allan M. Cormack
- 428. Medicine, Godfrey N. Hounsfield
- 429. **1980** - Medicine, Baruj Benacerraf
- 430. Medicine, Jean Dausset
- 431. Medicine, George D. Snell
- 432. **1981** - Medicine, David H. Hubel
- 433. Medicine, Roger W. Sperry
- 434. Medicine, Torsten N. Wiesel
- 435. **1982** - Medicine, Sune K. Bergström
- 436. Medicine, Bengt I. Samuelsson
- 437. Medicine, John R. Vane

- 438. **1983** - Medicine, Barbara McClintock
- 439. **1984** - Medicine, Niels K. Jerne
- 440. Medicine, Georges J.F. Köhler
- 441. Medicine, César Milstein
- 442. **1985** - Medicine, Michael S. Brown
- 443. Medicine, Joseph L. Goldstein
- 444. **1986** - Medicine, Stanley Cohen
- 445. Medicine, Rita Levi-Montalcini
- 446. **1987** - Medicine, Susumu Tonegawa
- 447. **1988** - Medicine, Sir James W. Black
- 448. Medicine, Gertrude B. Elion
- 449. Medicine, George H. Hitchings
- 450. **1989** - Medicine, J. Michael Bishop
- 451. Medicine, Harold E. Varmus
- 452. **1990** - Medicine, Joseph E. Murray
- 453. Medicine, E. Donnall Thomas
- 454. **1991** - Medicine, Erwin Neher
- 455. Medicine, Bert Sakmann
- 456. **1992** - Medicine, Edmond H. Fischer
- 457. Medicine, Edwin G. Krebs
- 458. **1993** - Medicine, Richard J. Roberts
- 459. Medicine, Phillip A. Sharp
- 460. **1994** - Medicine, Alfred G. Gilman
- 461. Medicine, Martin Rodbell
- 462. **1995** - Medicine, Edward B. Lewis
- 463. Medicine, Christiane Nüsslein-Volhard
- 464. Medicine, Eric F. Wieschaus
- 465. **1996** - Medicine, Peter C. Doherty
- 466. Medicine, Rolf M. Zinkernagel
- 467. **1997** - Medicine, Stanley B. Prusiner
- 468. **1998** - Medicine, Robert F. Furchgott
- 469. Medicine, Louis J. Ignarro
- 470. Medicine, Ferid Murad
- 471. **1999** - Medicine, Günter Blobel
- 472. **2000** - Medicine, Arvid Carlsson
- 473. Medicine, Paul Greengard
- 474. Medicine, Eric R. Kandel
- 475. **2001** - Medicine, Leland H. Hartwell

- 476. Medicine, Tim Hunt
- 477. Medicine, Sir Paul Nurse
- 478. **2002** - Medicine, Sydney Brenner
- 479. Medicine, H. Robert Horvitz
- 480. Medicine, John E. Sulston
- 481. **2003** - Medicine, Paul C. Lauterbur
- 482. Medicine, Sir Peter Mansfield
- 483. **2004** - Medicine, Richard Axel
- 484. Medicine, Linda B. Buck
- 485. **1901** - Peace, Henry Dunant
- 486. Peace, Frédéric Passy
- 487. **1902** - Peace, Élie Ducommun
- 488. Peace, Albert Gobat
- 489. **1903** - Peace, Randal Cremer
- 490. **1904** - Peace, Institute of International Law
- 491. **1905** - Peace, Bertha von Suttner
- 492. **1906** - Peace, Theodore Roosevelt
- 493. **1907** - Peace, Ernesto Teodoro Moneta
- 494. Peace, Louis Renault
- 495. **1908** - Peace, Klas Pontus Arnoldson
- 496. Peace, Fredrik Bajer
- 497. **1909** - Peace, Auguste Beernaert
- 498. Peace, Paul Henri d'Estournelles de Constant
- 499. **1910** - Peace, Permanent International Peace Bureau
- 500. **1911** - Peace, Tobias Asser
- 501. Peace, Alfred Fried
- 502. **1912** - Peace, Elihu Root
- 503. **1913** - Peace, Henri La Fontaine
- 504. **1917** - Peace, International Committee of the Red Cross
- 505. **1919** - Peace, Woodrow Wilson
- 506. **1920** - Peace, Léon Bourgeois
- 507. **1921** - Peace, Hjalmar Branting
- 508. Peace, Christian Lange
- 509. **1922** - Peace, Fridtjof Nansen
- 510. **1925** - Peace, Sir Austen Chamberlain
- 511. Peace, Charles G. Dawes
- 512. **1926** - Peace, Aristide Briand
- 513. Peace, Gustav Stresemann

- 514. **1927** - Peace, Ferdinand Buisson
- 515. Peace, Ludwig Quidde
- 516. **1929** - Peace, Frank B. Kellogg
- 517. **1930** - Peace, Nathan Söderblom
- 518. **1931** - Peace, Jane Addams
- 519. Peace, Nicholas Murray Butler
- 520. **1933** - Peace, Sir Norman Angell
- 521. **1934** - Peace, Arthur Henderson
- 522. **1935** - Peace, Carl von Ossietzky
- 523. **1936** - Peace, Carlos Saavedra Lamas
- 524. **1937** - Peace, Robert Cecil
- 525. **1938** - Peace, Nansen International Office for Refugees
- 526. **1944** - Peace, International Committee of the Red Cross
- 527. **1945** - Peace, Cordell Hull
- 528. **1946** - Peace, Emily Greene Balch
- 529. Peace, John R. Mott
- 530. **1947** - Peace, Friends Service Council
- 531. Peace, American Friends Service Committee
- 532. **1949** - Peace, Lord Boyd Orr
- 533. **1950** - Peace, Ralph Bunche
- 534. **1951** - Peace, Léon Jouhaux
- 535. **1952** - Peace, Albert Schweitzer
- 536. **1953** - Peace, George C. Marshall
- 537. **1954** - Peace, Office of the United Nations High Commissioner for Refugees
- 538. **1957** - Peace, Lester Bowles Pearson
- 539. **1958** - Peace, Georges Pire
- 540. **1959** - Peace, Philip Noel-Baker
- 541. **1960** - Peace, Albert Lutuli
- 542. **1961** - Peace, Dag Hammarskjöld
- 543. **1962** - Peace, Linus Pauling
- 544. **1963** - Peace, International Committee of the Red Cross
- 545. Peace, League of Red Cross Societies
- 546. **1964** - Peace, Martin Luther King
- 547. **1965** - Peace, United Nations Children's Fund
- 548. **1968** - Peace, René Cassin
- 549. **1969** - Peace, International Labour Organization
- 550. **1970** - Peace, Norman Borlaug
- 551. **1971** - Peace, Willy Brandt

- 552. **1973** - Peace, Le Duc Tho
- 553. Peace, Henry Kissinger
- 554. **1974** - Peace, Seán MacBride
- 555. Peace, Eisaku Sato
- 556. **1975** - Peace, Andrei Sakharov
- 557. **1976** - Peace, Mairead Corrigan
- 558. Peace, Betty Williams
- 559. **1977** - Peace, Amnesty International
- 560. **1978** - Peace, Anwar al-Sadat
- 561. Peace, Menachem Begin
- 562. **1979** - Peace, Mother Teresa
- 563. **1980** - Peace, Adolfo Pérez Esquivel
- 564. **1981** - Peace, Office of the United Nations High Commissioner for Refugees
- 565. **1982** - Peace, Alfonso García Robles
- 566. Peace, Alva Myrdal
- 567. **1983** - Peace, Lech Walesa
- 568. **1984** - Peace, Desmond Tutu
- 569. **1985** - Peace, International Physicians for the Prevention of Nuclear War
- 570. **1986** - Peace, Elie Wiesel
- 571. **1987** - Peace, Oscar Arias Sánchez
- 572. **1988** - Peace, United Nations Peacekeeping Forces
- 573. **1989** - Peace, The 14th Dalai Lama
- 574. **1990** - Peace, Mikhail Gorbachev
- 575. **1991** - Peace, Aung San Suu Kyi
- 576. **1992** - Peace, Rigoberta Menchú Tum
- 577. **1993** - Peace, F. W. de Klerk
- 578. Peace, Nelson Mandela
- 579. **1994** - Peace, Yasser Arafat
- 580. Peace, Shimon Peres
- 581. Peace, Yitzhak Rabin
- 582. **1995** - Peace, Pugwash Conferences on Science and World Affairs
- 583. Peace, Joseph Rotblat
- 584. **1996** - Peace, Carlos Filipe Ximenes Belo
- 585. Peace, José Ramos-Horta
- 586. **1997** - Peace, International Campaign to Ban Landmines
- 587. Peace, Jody Williams
- 588. **1998** - Peace, John Hume
- 589. Peace, David Trimble

- 590. **1999** - Peace, Médecins Sans Frontières
- 591. **2000** - Peace, Kim Dae-jung
- 592. **2001** - Peace, United Nations
- 593. Peace, Kofi Annan
- 594. **2002** - Peace, Jimmy Carter
- 595. **2003** - Peace, Shirin Ebadi
- 596. **2004** - Peace, Wangari Maathai
- 597. **1901** - Physics, Wilhelm Conrad Röntgen
- 598. **1902** - Physics, Hendrik A. Lorentz
- 599. Physics, Pieter Zeeman
- 600. **1903** - Physics, Henri Becquerel
- 601. Physics, Pierre Curie
- 602. Physics, Marie Curie
- 603. **1904** - Physics, Lord Rayleigh
- 604. **1905** - Physics, Philipp Lenard
- 605. **1906** - Physics, J.J. Thomson
- 606. **1907** - Physics, Albert A. Michelson
- 607. **1908** - Physics, Gabriel Lippmann
- 608. **1909** - Physics, Ferdinand Braun
- 609. Physics, Guglielmo Marconi
- 610. **1910** - Physics, Johannes Diderik van der Waals
- 611. **1911** - Physics, Wilhelm Wien
- 612. **1912** - Physics, Gustaf Dalén
- 613. **1913** - Physics, Heike Kamerlingh Onnes
- 614. **1914** - Physics, Max von Laue
- 615. **1915** - Physics, William Bragg
- 616. Physics, Lawrence Bragg
- 617. **1917** - Physics, Charles Glover Barkla
- 618. **1918** - Physics, Max Planck
- 619. **1919** - Physics, Johannes Stark
- 620. **1920** - Physics, Charles Edouard Guillaume
- 621. **1921** - Physics, Albert Einstein
- 622. **1922** - Physics, Niels Bohr
- 623. **1923** - Physics, Robert A. Millikan
- 624. **1924** - Physics, Manne Siegbahn
- 625. **1925** - Physics, James Franck
- 626. Physics, Gustav Hertz
- 627. **1926** - Physics, Jean Baptiste Perrin

- 628. **1927** - Physics, Arthur H. Compton
- 629. Physics, C.T.R. Wilson
- 630. **1928** - Physics, Owen Willans Richardson
- 631. **1929** - Physics, Louis de Broglie
- 632. **1930** - Physics, Venkata Raman
- 633. **1932** - Physics, Werner Heisenberg
- 634. **1933** - Physics, Paul A.M. Dirac
- 635. Physics, Erwin Schrödinger
- 636. **1935** - Physics, James Chadwick
- 637. **1936** - Physics, Carl D. Anderson
- 638. Physics, Victor F. Hess
- 639. **1937** - Physics, Clinton Davisson
- 640. Physics, George Paget Thomson
- 641. **1938** - Physics, Enrico Fermi
- 642. **1939** - Physics, Ernest Lawrence
- 643. **1943** - Physics, Otto Stern
- 644. **1944** - Physics, Isidor Isaac Rabi
- 645. **1945** - Physics, Wolfgang Pauli
- 646. **1946** - Physics, Percy W. Bridgman
- 647. **1947** - Physics, Edward V. Appleton
- 648. **1948** - Physics, Patrick M.S. Blackett
- 649. **1949** - Physics, Hideki Yukawa
- 650. **1950** - Physics, Cecil Powell
- 651. **1951** - Physics, John Cockcroft
- 652. Physics, Ernest T.S. Walton
- 653. **1952** - Physics, Felix Bloch
- 654. Physics, E. M. Purcell
- 655. **1953** - Physics, Frits Zernike
- 656. **1954** - Physics, Max Born
- 657. Physics, Walther Bothe
- 658. **1955** - Physics, Polykarp Kusch
- 659. Physics, Willis E. Lamb
- 660. **1956** - Physics, John Bardeen
- 661. Physics, Walter H. Brattain
- 662. Physics, William B. Shockley
- 663. **1957** - Physics, Tsung-Dao Lee
- 664. Physics, Chen Ning Yang
- 665. **1958** - Physics, Pavel A. Cherenkov

- 666. Physics, Il'ja M. Frank
- 667. Physics, Igor Y. Tamm
- 668. **1959** - Physics, Owen Chamberlain
- 669. Physics, Emilio Segrè
- 670. **1960** - Physics, Donald A. Glaser
- 671. **1961** - Physics, Robert Hofstadter
- 672. Physics, Rudolf Mössbauer
- 673. **1962** - Physics, Lev Landau
- 674. **1963** - Physics, Maria Goeppert-Mayer
- 675. Physics, J. Hans D. Jensen
- 676. Physics, Eugene Wigner
- 677. **1964** - Physics, Nicolay G. Basov
- 678. Physics, Aleksandr M. Prokhorov
- 679. Physics, Charles H. Townes
- 680. **1965** - Physics, Richard P. Feynman
- 681. Physics, Julian Schwinger
- 682. Physics, Sin-Itiro Tomonaga
- 683. **1966** - Physics, Alfred Kastler
- 684. **1967** - Physics, Hans Bethe
- 685. **1968** - Physics, Luis Alvarez
- 686. **1969** - Physics, Murray Gell-Mann
- 687. **1970** - Physics, Hannes Alfvén
- 688. Physics, Louis Néel
- 689. **1971** - Physics, Dennis Gabor
- 690. **1972** - Physics, John Bardeen
- 691. Physics, Leon N. Cooper
- 692. Physics, Robert Schrieffer
- 693. **1973** - Physics, Leo Esaki
- 694. Physics, Ivar Giaever
- 695. Physics, Brian D. Josephson
- 696. **1974** - Physics, Antony Hewish
- 697. Physics, Martin Ryle
- 698. **1975** - Physics, Aage N. Bohr
- 699. Physics, Ben R. Mottelson
- 700. Physics, James Rainwater
- 701. **1976** - Physics, Burton Richter
- 702. Physics, Samuel C.C. Ting
- 703. **1977** - Physics, Philip W. Anderson

- 704. Physics, Sir Nevill F. Mott
- 705. Physics, John H. van Vleck
- 706. **1978** - Physics, Pyotr Kapitsa
- 707. Physics, Arno Penzias
- 708. Physics, Robert Woodrow Wilson
- 709. **1979** - Physics, Sheldon Glashow
- 710. Physics, Abdus Salam
- 711. Physics, Steven Weinberg
- 712. **1980** - Physics, James Cronin
- 713. Physics, Val Fitch
- 714. **1981** - Physics, Nicolaas Bloembergen
- 715. Physics, Arthur L. Schawlow
- 716. Physics, Kai M. Siegbahn
- 717. **1982** - Physics, Kenneth G. Wilson
- 718. **1983** - Physics, Subramanyan Chandrasekhar
- 719. Physics, William A. Fowler
- 720. **1984** - Physics, Carlo Rubbia
- 721. Physics, Simon van der Meer
- 722. **1985** - Physics, Klaus von Klitzing
- 723. **1986** - Physics, Gerd Binnig
- 724. Physics, Heinrich Rohrer
- 725. Physics, Ernst Ruska
- 726. **1987** - Physics, J. Georg Bednorz
- 727. Physics, K. Alex Müller
- 728. **1988** - Physics, Leon M. Lederman
- 729. Physics, Melvin Schwartz
- 730. Physics, Jack Steinberger
- 731. **1989** - Physics, Hans G. Dehmelt
- 732. Physics, Wolfgang Paul
- 733. Physics, Norman F. Ramsey
- 734. **1990** - Physics, Jerome I. Friedman
- 735. Physics, Henry W. Kendall
- 736. Physics, Richard E. Taylor
- 737. **1991** - Physics, Pierre-Gilles de Gennes
- 738. **1992** - Physics, Georges Charpak
- 739. **1993** - Physics, Russell A. Hulse
- 740. Physics, Joseph H. Taylor Jr.
- 741. **1994** - Physics, Bertram N. Brockhouse

- 742. Physics, Clifford G. Shull
- 743. **1995** - Physics, Martin L. Perl
- 744. Physics, Frederick Reines
- 745. **1996** - Physics, David M. Lee
- 746. Physics, Douglas D. Osheroff
- 747. Physics, Robert C. Richardson
- 748. **1997** - Physics, Steven Chu
- 749. Physics, Claude Cohen-Tannoudji
- 750. Physics, William D. Phillips
- 751. **1998** - Physics, Robert B. Laughlin
- 752. Physics, Horst L. Störmer
- 753. Physics, Daniel C. Tsui
- 754. **1999** - Physics, Gerardus 't Hooft
- 755. Physics, Martinus J.G. Veltman
- 756. **2000** - Physics, Zhores I. Alferov
- 757. Physics, Jack S. Kilby
- 758. Physics, Herbert Kroemer
- 759. **2001** - Physics, Eric A. Cornell
- 760. Physics, Wolfgang Ketterle
- 761. Physics, Carl E. Wieman
- 762. **2002** - Physics, Raymond Davis Jr.
- 763. Physics, Riccardo Giacconi
- 764. Physics, Masatoshi Koshiba
- 765. **2003** - Physics, Alexei A. Abrikosov
- 766. Physics, Vitaly L. Ginzburg
- 767. Physics, Anthony J. Leggett
- 768. **2004** - Physics, David J. Gross
- 769. Physics, H. David Politzer
- 770. Physics, Frank Wilczek
- 771. **1916** - Chemistry, No Prize was Awarded
- 772.
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- 781. **1935** - Literature, No Prize was Awarded
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Prize Awarded Organizations

Peace

1. **1904** - Institute of International Law
2. **1910** - Permanent International Peace Bureau
3. **1917** - International Committee of the Red Cross
4. **1938** - Nansen International Office for Refugees
5. **1944** - International Committee of the Red Cross
6. **1947** - Friends Service Council
7. **1947** - American Friends Service Committee
8. **1954** - Office of the United Nations High Commissioner for Refugees
9. **1963** - International Committee of the Red Cross
10. **1963** - League of Red Cross Societies
11. **1965** - United Nations Children's Fund
12. **1969** - International Labour Organization
13. **1977** - Amnesty International
14. **1981** - Office of the United Nations High Commissioner for Refugees
15. **1985** - International Physicians for the Prevention of Nuclear War
16. **1988** - United Nations Peacekeeping Forces
17. **1995** - Pugwash Conferences on Science and World Affairs
18. **1997** - International Campaign to Ban Landmines
19. **1999** - Médecins Sans Frontières
20. **2001** - United Nations

Women Prize Winners

Physics

1. **1903** - Marie Curie
2. **1963** - Maria Goeppert-Mayer

Chemistry

3. **1911** - Marie Curie
4. **1935** - Irène Joliot-Curie
5. **1964** - Dorothy Crowfoot Hodgkin

Physiology or Medicine

6. **1947** - Gerty Cori
7. **1977** - Rosalyn Yalow
8. **1983** - Barbara McClintock
9. **1986** - Rita Levi-Montalcini
10. **1988** - Gertrude B. Elion

11. **1995** - Christiane Nüsslein-Volhard
12. **2004** - Linda B. Buck

Literature

13. **1909** - Selma Lagerlöf
14. **1926** - Grazia Deledda
15. **1928** - Sigrid Undset
16. **1938** - Pearl Buck
17. **1945** - Gabriela Mistral
18. **1966** - Nelly Sachs
19. **1991** - Nadine Gordimer
20. **1993** - Toni Morrison
21. **1996** - Wislawa Szymborska
22. **2004** - Elfriede Jelinek

Peace

23. **1905** - Bertha von Suttner
24. **1931** - Jane Addams
25. **1946** - Emily Greene Balch
26. **1976** - Betty Williams
27. **1976** - Mairead Corrigan
28. **1979** - Mother Teresa
29. **1982** - Alva Myrdal
30. **1991** - Aung San Suu Kyi
31. **1992** - Rigoberta Menchú Tum
32. **1997** - Jody Williams
33. **2003** - Shirin Ebadi
34. **2004** - Wangari Maathai