

## Nobel Prizes from 1901

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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, 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:

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

Nobel Prizes are widely regarded as the highest prize in the world today. As of November 2005, a total of 776 Nobel Prizes have been awarded, 758 to individuals and 18 to organizations. [Nature and Science. 2006;4(3):86-94].

### I. List of All Nobel Prize Winners (1901 – 2005):

- |  |  |
|--|--|
| 1. <b>1901</b> - Chemistry, Jacobus H. van 't Hoff | 31. Physics, Philipp Lenard                      |
| 2. Literature, Sully Prudhomme                     | 32. <b>1906</b> - Chemistry, Henri Moissan       |
| 3. Medicine, Emil von Behring                      | 33. Literature, Giosuè Carducci                  |
| 4. Peace, Henry Dunant                             | 34. Medicine, Camillo Golgi                      |
| 5. Peace, Frédéric Passy                           | 35. Medicine, Santiago Ramón y Cajal             |
| 6. Physics, Wilhelm Conrad Röntgen                 | 36. Peace, Theodore Roosevelt                    |
| 7. <b>1902</b> - Chemistry, Emil Fischer           | 37. Physics, J.J. Thomson                        |
| 8. Literature, Theodor Mommsen                     | 38. <b>1907</b> - Chemistry, Eduard Buchner      |
| 9. Medicine, Ronald Ross                           | 39. Literature, Rudyard Kipling                  |
| 10. Peace, Élie Ducommun                           | 40. Medicine, Alphonse Laveran                   |
| 11. Peace, Albert Gobat                            | 41. Peace, Ernesto Teodoro Moneta                |
| 12. Physics, Hendrik A. Lorentz                    | 42. Peace, Louis Renault                         |
| 13. Physics, Pieter Zeeman                         | 43. Physics, Albert A. Michelson                 |
| 14. <b>1903</b> - Chemistry, Svante Arrhenius      | 44. <b>1908</b> - Chemistry, Ernest Rutherford   |
| 15. Literature, Bjørnstjerne Bjørnson              | 45. Literature, Rudolf Eucken                    |
| 16. Medicine, Niels Ryberg Finsen                  | 46. Medicine, Paul Ehrlich                       |
| 17. Peace, Randal Cremer                           | 47. Medicine, Ilya Mechnikov                     |
| 18. Physics, Henri Becquerel                       | 48. Peace, Klas Pontus Arnoldson                 |
| 19. Physics, Pierre Curie                          | 49. Peace, Fredrik Bajer                         |
| 20. Physics, Marie Curie                           | 50. Physics, Gabriel Lippmann                    |
| 21. <b>1904</b> - Chemistry, Sir William Ramsay    | 51. <b>1909</b> - Chemistry, Wilhelm Ostwald     |
| 22. Literature, José Echegaray                     | 52. Literature, Selma Lagerlöf                   |
| 23. Literature, Frédéric Mistral                   | 53. Medicine, Theodor Kocher                     |
| 24. Medicine, Ivan Pavlov                          | 54. Peace, Auguste Beernaert                     |
| 25. Peace, Institute of International Law          | 55. Peace, Paul Henri d'Estournelles de Constant |
| 26. Physics, Lord Rayleigh                         | 56. Physics, Ferdinand Braun                     |
| 27. <b>1905</b> - Chemistry, Adolf von Baeyer      | 57. Physics, Guglielmo Marconi                   |
| 28. Literature, Henryk Sienkiewicz                 | 58. <b>1910</b> - Chemistry, Otto Wallach        |
| 29. Medicine, Robert Koch                          | 59. Literature, Paul Heyse                       |
| 30. Peace, Bertha von Suttner                      | 60. Medicine, Albrecht Kossel                    |

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|------|---|------|---|
| 61.  | Peace, Permanent International Peace Bureau     | 113. | Literature, Knut Hamsun                       |
| 62.  | Physics, Johannes Diderik van der Waals         | 114. | Medicine, August Krogh                        |
| 63.  | <b>1911</b> - Chemistry, Marie Curie            | 115. | Peace, Léon Bourgeois                         |
| 64.  | Literature, Maurice Maeterlinck                 | 116. | Physics, Charles Edouard Guillaume            |
| 65.  | Medicine, Allvar Gullstrand                     | 117. | <b>1921</b> - Chemistry, Frederick Soddy      |
| 66.  | Peace, Tobias Asser                             | 118. | Literature, Anatole France                    |
| 67.  | Peace, Alfred Fried                             | 119. | Medicine, No Prize was Awarded                |
| 68.  | Physics, Wilhelm Wien                           | 120. | Peace, Hjalmar Branting                       |
| 69.  | <b>1912</b> - Chemistry, Victor Grignard        | 121. | Peace, Christian Lange                        |
| 70.  | Chemistry, Paul Sabatier                        | 122. | Physics, Albert Einstein                      |
| 71.  | Literature, Gerhart Hauptmann                   | 123. | <b>1922</b> - Chemistry, Francis W. Aston     |
| 72.  | Medicine, Alexis Carrel                         | 124. | Literature, Jacinto Benavente                 |
| 73.  | Peace, Elihu Root                               | 125. | Medicine, Archibald V. Hill                   |
| 74.  | Physics, Gustaf Dalén                           | 126. | Medicine, Otto Meyerhof                       |
| 75.  | <b>1913</b> - Chemistry, Alfred Werner          | 127. | Peace, Fridtjof Nansen                        |
| 76.  | Literature, Rabindranath Tagore                 | 128. | Physics, Niels Bohr                           |
| 77.  | Medicine, Charles Richet                        | 129. | <b>1923</b> - Chemistry, Fritz Pregl          |
| 78.  | Peace, Henri La Fontaine                        | 130. | Literature, William Butler Yeats              |
| 79.  | Physics, Heike Kamerlingh Onnes                 | 131. | Medicine, Frederick G. Banting                |
| 80.  | <b>1914</b> - Chemistry, Theodore W. Richards   | 132. | Medicine, John Macleod                        |
| 81.  | Literature, No Prize was Awarded                | 133. | Peace, No Prize was Awarded                   |
| 82.  | Medicine, Robert Bárány                         | 134. | Physics, Robert A. Millikan                   |
| 83.  | Peace, No Prize was Awarded                     | 135. | <b>1924</b> - Chemistry, No Prize was Awarded |
| 84.  | Physics, Max von Laue                           | 136. | Literature, Wladyslaw Reymont                 |
| 85.  | <b>1915</b> - Chemistry, Richard Willstätter    | 137. | Medicine, Willem Einthoven                    |
| 86.  | Literature, Romain Rolland                      | 138. | Peace, No Prize was Awarded                   |
| 87.  | Medicine, No Prize was Awarded                  | 139. | Physics, Manne Siegbahn                       |
| 88.  | Peace, No Prize was Awarded                     | 140. | <b>1925</b> - Chemistry, Richard Zsigmondy    |
| 89.  | Physics, William Bragg                          | 141. | Literature, George Bernard Shaw               |
| 90.  | Physics, Lawrence Bragg                         | 142. | Medicine, No Prize was Awarded                |
| 91.  | <b>1916</b> - Chemistry, No Prize was Awarded   | 143. | Peace, Sir Austen Chamberlain                 |
| 92.  | Literature, Verner von Heidenstam               | 144. | Peace, Charles G. Dawes                       |
| 93.  | Medicine, No Prize was Awarded                  | 145. | Physics, James Franck                         |
| 94.  | Peace, No Prize was Awarded                     | 146. | Physics, Gustav Hertz                         |
| 95.  | Physics, No Prize was Awarded                   | 147. | <b>1926</b> - Chemistry, The Svedberg         |
| 96.  | <b>1917</b> - Chemistry, No Prize was Awarded   | 148. | Literature, Grazia Deledda                    |
| 97.  | Literature, Karl Gjellerup                      | 149. | Medicine, Johannes Fibiger                    |
| 98.  | Literature, Henrik Pontoppidan                  | 150. | Peace, Aristide Briand                        |
| 99.  | Medicine, No Prize was Awarded                  | 151. | Peace, Gustav Stresemann                      |
| 100. | Peace, International Committee of the Red Cross | 152. | Physics, Jean Baptiste Perrin                 |
| 101. | Physics, Charles Glover Barkla                  | 153. | <b>1927</b> - Chemistry, Heinrich Wieland     |
| 102. | <b>1918</b> - Chemistry, Fritz Haber            | 154. | Literature, Henri Bergson                     |
| 103. | Literature, No Prize was Awarded                | 155. | Medicine, Julius Wagner-Jauregg               |
| 104. | Medicine, No Prize was Awarded                  | 156. | Peace, Ferdinand Buisson                      |
| 105. | Peace, No Prize was Awarded                     | 157. | Peace, Ludwig Quidde                          |
| 106. | Physics, Max Planck                             | 158. | Physics, Arthur H. Compton                    |
| 107. | <b>1919</b> - Chemistry, No Prize was Awarded   | 159. | Physics, C.T.R. Wilson                        |
| 108. | Literature, Carl Spitteler                      | 160. | <b>1928</b> - Chemistry, Adolf Windaus        |
| 109. | Medicine, Jules Bordet                          | 161. | Literature, Sigrid Undset                     |
| 110. | Peace, Woodrow Wilson                           | 162. | Medicine, Charles Nicolle                     |
| 111. | Physics, Johannes Stark                         | 163. | Peace, No Prize was Awarded                   |
| 112. | <b>1920</b> - Chemistry, Walther Nernst         | 164. | Physics, Owen Willans Richardson              |
|      |   | 165. | <b>1929</b> - Chemistry, Arthur Harden        |
|      |   | 166. | Chemistry, Hans von Euler-Chelpin             |

167. Literature, Thomas Mann  
 168. Medicine, Christiaan Eijkman  
 169. Medicine, Sir Frederick Hopkins  
 170. Peace, Frank B. Kellogg  
 171. Physics, Louis de Broglie  
 172. **1930** - Chemistry, Hans Fischer  
 173. Literature, Sinclair Lewis  
 174. Medicine, Karl Landsteiner  
 175. Peace, Nathan Söderblom  
 176. Physics, Venkata Raman  
 177. **1931** - Chemistry, Friedrich Bergius  
 178. Chemistry, Carl Bosch  
 179. Literature, Erik Axel Karlfeldt  
 180. Medicine, Otto Warburg  
 181. Peace, Jane Addams  
 182. Peace, Nicholas Murray Butler  
 183. Physics, No Prize was Awarded  
 184. **1932** - Chemistry, Irving Langmuir  
 185. Literature, John Galsworthy  
 186. Medicine, Edgar Adrian  
 187. Medicine, Sir Charles Sherrington  
 188. Peace, No Prize was Awarded  
 189. Physics, Werner Heisenberg  
 190. **1933** - Chemistry, No Prize was Awarded  
 191. Literature, Ivan Bunin  
 192. Medicine, Thomas H. Morgan  
 193. Peace, Sir Norman Angell  
 194. Physics, Paul A.M. Dirac  
 195. Physics, Erwin Schrödinger  
 196. **1934** - Chemistry, Harold C. Urey  
 197. Literature, Luigi Pirandello  
 198. Medicine, George R. Minot  
 199. Medicine, William P. Murphy  
 200. Medicine, George H. Whipple  
 201. Peace, Arthur Henderson  
 202. Physics, No Prize was Awarded  
 203. **1935** - Chemistry, Frédéric Joliot  
 204. Chemistry, Irène Joliot-Curie  
 205. Literature, No Prize was Awarded  
 206. Medicine, Hans Spemann  
 207. Peace, Carl von Ossietzky  
 208. Physics, James Chadwick  
 209. **1936** - Chemistry, Peter Debye  
 210. Literature, Eugene O'Neill  
 211. Medicine, Sir Henry Dale  
 212. Medicine, Otto Loewi  
 213. Peace, Carlos Saavedra Lamas  
 214. Physics, Carl D. Anderson  
 215. Physics, Victor F. Hess  
 216. **1937** - Chemistry, Norman Haworth  
 217. Chemistry, Paul Karrer  
 218. Literature, Roger Martin du Gard  
 219. Medicine, Albert Szent-Györgyi  
 220. Peace, Robert Cecil  
 221. Physics, Clinton Davisson  
 222. Physics, George Paget Thomson  
 223. **1938** - Chemistry, Richard Kuhn  
 224. Literature, Pearl Buck  
 225. Medicine, Corneille Heymans  
 226. Peace, Nansen International Office for Refugees  
 227. Physics, Enrico Fermi  
 228. **1939** - Chemistry, Adolf Butenandt  
 229. Chemistry, Leopold Ruzicka  
 230. Literature, Frans Eemil Sillanpää  
 231. Medicine, Gerhard Domagk  
 232. Peace, No Prize was Awarded  
 233. Physics, Ernest Lawrence  
 234. **1940** - Chemistry, No Prize was Awarded  
 235. Literature, No Prize was Awarded  
 236. Medicine, No Prize was Awarded  
 237. Peace, No Prize was Awarded  
 238. Physics, No Prize was Awarded  
 239. **1941** - Chemistry, No Prize was Awarded  
 240. Literature, No Prize was Awarded  
 241. Medicine, No Prize was Awarded  
 242. Peace, No Prize was Awarded  
 243. Physics, No Prize was Awarded  
 244. **1942** - Chemistry, No Prize was Awarded  
 245. Literature, No Prize was Awarded  
 246. Medicine, No Prize was Awarded  
 247. Peace, No Prize was Awarded  
 248. Physics, No Prize was Awarded  
 249. **1943** - Chemistry, George de Hevesy  
 250. Literature, No Prize was Awarded  
 251. Medicine, Henrik Dam  
 252. Medicine, Edward A. Doisy  
 253. Peace, No Prize was Awarded  
 254. Physics, Otto Stern  
 255. **1944** - Chemistry, Otto Hahn  
 256. Literature, Johannes V. Jensen  
 257. Medicine, Joseph Erlanger  
 258. Medicine, Herbert S. Gasser  
 259. Peace, International Committee of the Red Cross  
 260. Physics, Isidor Isaac Rabi  
 261. **1945** - Chemistry, Artturi Virtanen  
 262. Literature, Gabriela Mistral  
 263. Medicine, Ernst B. Chain  
 264. Medicine, Sir Alexander Fleming  
 265. Medicine, Sir Howard Florey  
 266. Peace, Cordell Hull  
 267. Physics, Wolfgang Pauli  
 268. **1946** - Chemistry, John H. Northrop  
 269. Chemistry, Wendell M. Stanley  
 270. Chemistry, James B. Sumner  
 271. Literature, Hermann Hesse  
 272. Medicine, Hermann J. Muller

273.	Peace, Emily Greene Balch	326.	Medicine, Frederick C. Robbins
274.	Peace, John R. Mott	327.	Medicine, Thomas H. Weller
275.	Physics, Percy W. Bridgman	328.	Peace, Office of the United Nations High Commissioner for Refugees
276.	<b>1947</b> - Chemistry, Sir Robert Robinson	329.	Physics, Max Born
277.	Literature, André Gide	330.	Physics, Walther Bothe
278.	Medicine, Carl Cori	331.	<b>1955</b> - Chemistry, Vincent du Vigneaud
279.	Medicine, Gerty Cori	332.	Literature, Halldór Laxness
280.	Medicine, Bernardo Houssay	333.	Medicine, Hugo Theorell
281.	Peace, Friends Service Council	334.	Peace, No Prize was Awarded
282.	Peace, American Friends Service Committee	335.	Physics, Polykarp Kusch
283.	Physics, Edward V. Appleton	336.	Physics, Willis E. Lamb
284.	<b>1948</b> - Chemistry, Arne Tiselius	337.	<b>1956</b> - Chemistry, Sir Cyril Hinshelwood
285.	Literature, T.S. Eliot	338.	Chemistry, Nikolay Semenov
286.	Medicine, Paul Müller	339.	Literature, Juan Ramón Jiménez
287.	Peace, No Prize was Awarded	340.	Medicine, André F. Cournand
288.	Physics, Patrick M.S. Blackett	341.	Medicine, Werner Forssmann
289.	<b>1949</b> - Chemistry, William F. Giaouque	342.	Medicine, Dickinson W. Richards
290.	Literature, William Faulkner	343.	Peace, No Prize was Awarded
291.	Medicine, Walter Hess	344.	Physics, John Bardeen
292.	Medicine, Egas Moniz	345.	Physics, Walter H. Brattain
293.	Peace, Lord Boyd Orr	346.	Physics, William B. Shockley
294.	Physics, Hideki Yukawa	347.	<b>1957</b> - Chemistry, Lord Todd
295.	<b>1950</b> - Chemistry, Kurt Alder	348.	Literature, Albert Camus
296.	Chemistry, Otto Diels	349.	Medicine, Daniel Bovet
297.	Literature, Bertrand Russell	350.	Peace, Lester Bowles Pearson
298.	Medicine, Philip S. Hench	351.	Physics, Tsung-Dao Lee
299.	Medicine, Edward C. Kendall	352.	Physics, Chen Ning Yang
300.	Medicine, Tadeus Reichstein	353.	<b>1958</b> - Chemistry, Frederick Sanger
301.	Peace, Ralph Bunche	354.	Literature, Boris Pasternak
302.	Physics, Cecil Powell	355.	Medicine, George Beadle
303.	<b>1951</b> - Chemistry, Edwin M. McMillan	356.	Medicine, Joshua Lederberg
304.	Chemistry, Glenn T. Seaborg	357.	Medicine, Edward Tatum
305.	Literature, Pär Lagerkvist	358.	Peace, Georges Pire
306.	Medicine, Max Theiler	359.	Physics, Pavel A. Cherenkov
307.	Peace, Léon Jouhaux	360.	Physics, Il'ja M. Frank
308.	Physics, John Cockcroft	361.	Physics, Igor Y. Tamm
309.	Physics, Ernest T.S. Walton	362.	<b>1959</b> - Chemistry, Jaroslav Heyrovsky
310.	<b>1952</b> - Chemistry, Archer J.P. Martin	363.	Literature, Salvatore Quasimodo
311.	Chemistry, Richard L.M. Synge	364.	Medicine, Arthur Kornberg
312.	Literature, François Mauriac	365.	Medicine, Severo Ochoa
313.	Medicine, Selman A. Waksman	366.	Peace, Philip Noel-Baker
314.	Peace, Albert Schweitzer	367.	Physics, Owen Chamberlain
315.	Physics, Felix Bloch	368.	Physics, Emilio Segrè
316.	Physics, E. M. Purcell	369.	<b>1960</b> - Chemistry, Willard F. Libby
317.	<b>1953</b> - Chemistry, Hermann Staudinger	370.	Literature, Saint-John Perse
318.	Literature, Winston Churchill	371.	Medicine, Sir Frank Macfarlane Burnet
319.	Medicine, Hans Krebs	372.	Medicine, Peter Medawar
320.	Medicine, Fritz Lipmann	373.	Peace, Albert Lutuli
321.	Peace, George C. Marshall	374.	Physics, Donald A. Glaser
322.	Physics, Frits Zernike	375.	<b>1961</b> - Chemistry, Melvin Calvin
323.	<b>1954</b> - Chemistry, Linus Pauling	376.	Literature, Ivo Andrić
324.	Literature, Ernest Hemingway	377.	Medicine, Georg von Békésy
325.	Medicine, John F. Enders	378.	Peace, Dag Hammarskjöld

379. Physics, Robert Hofstadter  
 380. Physics, Rudolf Mössbauer  
 381. **1962** - Chemistry, John C. Kendrew  
 382. Chemistry, Max F. Perutz  
 383. Literature, John Steinbeck  
 384. Medicine, Francis Crick  
 385. Medicine, James Watson  
 386. Medicine, Maurice Wilkins  
 387. Peace, Linus Pauling  
 388. Physics, Lev Landau  
 389. **1963** - Chemistry, Giulio Natta  
 390. Chemistry, Karl Ziegler  
 391. Literature, Giorgos Seferis  
 392. Medicine, Sir John Eccles  
 393. Medicine, Alan L. Hodgkin  
 394. Medicine, Andrew F. Huxley  
 395. Peace, International Committee of the Red Cross  
 396. Peace, League of Red Cross Societies  
 397. Physics, Maria Goeppert-Mayer  
 398. Physics, J. Hans D. Jensen  
 399. Physics, Eugene Wigner  
 400. **1964** - Chemistry, Dorothy Crowfoot Hodgkin  
 401. Literature, Jean-Paul Sartre  
 402. Medicine, Konrad Bloch  
 403. Medicine, Feodor Lynen  
 404. Peace, Martin Luther King  
 405. Physics, Nicolay G. Basov  
 406. Physics, Aleksandr M. Prokhorov  
 407. Physics, Charles H. Townes  
 408. **1965** - Chemistry, Robert B. Woodward  
 409. Literature, Mikhail Sholokhov  
 410. Medicine, François Jacob  
 411. Medicine, André Lwoff  
 412. Medicine, Jacques Monod  
 413. Peace, United Nations Children's Fund  
 414. Physics, Richard P. Feynman  
 415. Physics, Julian Schwinger  
 416. Physics, Sin-Itiro Tomonaga  
 417. **1966** - Chemistry, Robert S. Mulliken  
 418. Literature, Samuel Agnon  
 419. Literature, Nelly Sachs  
 420. Medicine, Charles B. Huggins  
 421. Medicine, Peyton Rous  
 422. Peace, No Prize was Awarded  
 423. Physics, Alfred Kastler  
 424. **1967** - Chemistry, Manfred Eigen  
 425. Chemistry, Ronald G.W. Norrish  
 426. Chemistry, George Porter  
 427. Literature, Miguel Angel Asturias  
 428. Medicine, Ragnar Granit  
 429. Medicine, Haldan K. Hartline  
 430. Medicine, George Wald  
 431. Peace, No Prize was Awarded  
 432. Physics, Hans Bethe  
 433. **1968** - Chemistry, Lars Onsager  
 434. Literature, Yasunari Kawabata  
 435. Medicine, Robert W. Holley  
 436. Medicine, H. Gobind Khorana  
 437. Medicine, Marshall W. Nirenberg  
 438. Peace, René Cassin  
 439. Physics, Luis Alvarez  
 440. **1969** - Chemistry, Derek Barton  
 441. Chemistry, Odd Hassel  
 442. Economics, Ragnar Frisch  
 443. Economics, Jan Tinbergen  
 444. Literature, Samuel Beckett  
 445. Medicine, Max Delbrück  
 446. Medicine, Alfred D. Hershey  
 447. Medicine, Salvador E. Luria  
 448. Peace, International Labour Organization  
 449. Physics, Murray Gell-Mann  
 450. **1970** - Chemistry, Luis Leloir  
 451. Economics, Paul A. Samuelson  
 452. Literature, Alexandr Solzhenitsyn  
 453. Medicine, Julius Axelrod  
 454. Medicine, Sir Bernard Katz  
 455. Medicine, Ulf von Euler  
 456. Peace, Norman Borlaug  
 457. Physics, Hannes Alfvén  
 458. Physics, Louis Néel  
 459. **1971** - Chemistry, Gerhard Herzberg  
 460. Economics, Simon Kuznets  
 461. Literature, Pablo Neruda  
 462. Medicine, Earl W. Sutherland, Jr.  
 463. Peace, Willy Brandt  
 464. Physics, Dennis Gabor  
 465. **1972** - Chemistry, Christian Anfinsen  
 466. Chemistry, Stanford Moore  
 467. Chemistry, William H. Stein  
 468. Economics, Kenneth J. Arrow  
 469. Economics, John R. Hicks  
 470. Literature, Heinrich Böll  
 471. Medicine, Gerald M. Edelman  
 472. Medicine, Rodney R. Porter  
 473. Peace, No Prize was Awarded  
 474. Physics, John Bardeen  
 475. Physics, Leon N. Cooper  
 476. Physics, Robert Schrieffer  
 477. **1973** - Chemistry, Ernst Otto Fischer  
 478. Chemistry, Geoffrey Wilkinson  
 479. Economics, Wassily Leontief  
 480. Literature, Patrick White  
 481. Medicine, Konrad Lorenz  
 482. Medicine, Nikolaas Tinbergen  
 483. Medicine, Karl von Frisch  
 484. Peace, Le Duc Tho  
 485. Peace, Henry Kissinger

486. Physics, Leo Esaki  
 487. Physics, Ivar Giaever  
 488. Physics, Brian D. Josephson  
 489. **1974** - Chemistry, Paul J. Flory  
 490. Economics, Gunnar Myrdal  
 491. Economics, Friedrich August von Hayek  
 492. Literature, Eyvind Johnson  
 493. Literature, Harry Martinson  
 494. Medicine, Albert Claude  
 495. Medicine, Christian de Duve  
 496. Medicine, George E. Palade  
 497. Peace, Seán MacBride  
 498. Peace, Eisaku Sato  
 499. Physics, Antony Hewish  
 500. Physics, Martin Ryle  
 501. **1975** - Chemistry, John Cornforth  
 502. Chemistry, Vladimir Prelog  
 503. Economics, Leonid Vitaliyevich Kantorovich  
 504. Economics, Tjalling C. Koopmans  
 505. Literature, Eugenio Montale  
 506. Medicine, David Baltimore  
 507. Medicine, Renato Dulbecco  
 508. Medicine, Howard M. Temin  
 509. Peace, Andrei Sakharov  
 510. Physics, Aage N. Bohr  
 511. Physics, Ben R. Mottelson  
 512. Physics, James Rainwater  
 513. **1976** - Chemistry, William Lipscomb  
 514. Economics, Milton Friedman  
 515. Literature, Saul Bellow  
 516. Medicine, Baruch S. Blumberg  
 517. Medicine, D. Carleton Gajdusek  
 518. Peace, Mairead Corrigan  
 519. Peace, Betty Williams  
 520. Physics, Burton Richter  
 521. Physics, Samuel C.C. Ting  
 522. **1977** - Chemistry, Ilya Prigogine  
 523. Economics, James E. Meade  
 524. Economics, Bertil Ohlin  
 525. Literature, Vicente Aleixandre  
 526. Medicine, Roger Guillemin  
 527. Medicine, Andrew V. Schally  
 528. Medicine, Rosalyn Yalow  
 529. Peace, Amnesty International  
 530. Physics, Philip W. Anderson  
 531. Physics, Sir Nevill F. Mott  
 532. Physics, John H. van Vleck  
 533. **1978** - Chemistry, Peter Mitchell  
 534. Economics, Herbert A. Simon  
 535. Literature, Isaac Bashevis Singer  
 536. Medicine, Werner Arber  
 537. Medicine, Daniel Nathans  
 538. Medicine, Hamilton O. Smith  
 539. Peace, Anwar al-Sadat  
 540. Peace, Menachem Begin  
 541. Physics, Pyotr Kapitsa  
 542. Physics, Arno Penzias  
 543. Physics, Robert Woodrow Wilson  
 544. **1979** - Chemistry, Herbert C. Brown  
 545. Chemistry, Georg Wittig  
 546. Economics, Sir Arthur Lewis  
 547. Economics, Theodore W. Schultz  
 548. Literature, Odysseus Elytis  
 549. Medicine, Allan M. Cormack  
 550. Medicine, Godfrey N. Hounsfield  
 551. Peace, Mother Teresa  
 552. Physics, Sheldon Glashow  
 553. Physics, Abdus Salam  
 554. Physics, Steven Weinberg  
 555. **1980** - Chemistry, Paul Berg  
 556. Chemistry, Walter Gilbert  
 557. Chemistry, Frederick Sanger  
 558. Economics, Lawrence R. Klein  
 559. Literature, Czeslaw Milosz  
 560. Medicine, Baruj Benacerraf  
 561. Medicine, Jean Dausset  
 562. Medicine, George D. Snell  
 563. Peace, Adolfo Pérez Esquivel  
 564. Physics, James Cronin  
 565. Physics, Val Fitch  
 566. **1981** - Chemistry, Kenichi Fukui  
 567. Chemistry, Roald Hoffmann  
 568. Economics, James Tobin  
 569. Literature, Elias Canetti  
 570. Medicine, David H. Hubel  
 571. Medicine, Roger W. Sperry  
 572. Medicine, Torsten N. Wiesel  
 573. Peace, Office of the United Nations High Commissioner for Refugees  
 574. Physics, Nicolaas Bloembergen  
 575. Physics, Arthur L. Schawlow  
 576. Physics, Kai M. Siegbahn  
 577. **1982** - Chemistry, Aaron Klug  
 578. Economics, George J. Stigler  
 579. Literature, Gabriel García Márquez  
 580. Medicine, Sune K. Bergström  
 581. Medicine, Bengt I. Samuelsson  
 582. Medicine, John R. Vane  
 583. Peace, Alfonso García Robles  
 584. Peace, Alva Myrdal  
 585. Physics, Kenneth G. Wilson  
 586. **1983** - Chemistry, Henry Taube  
 587. Economics, Gerard Debreu  
 588. Literature, William Golding  
 589. Medicine, Barbara McClintock  
 590. Peace, Lech Walesa  
 591. Physics, Subramanyan Chandrasekhar

592. Physics, William A. Fowler  
 593. **1984** - Chemistry, Bruce Merrifield  
 594. Economics, Richard Stone  
 595. Literature, Jaroslav Seifert  
 596. Medicine, Niels K. Jerne  
 597. Medicine, Georges J.F. Köhler  
 598. Medicine, César Milstein  
 599. Peace, Desmond Tutu  
 600. Physics, Carlo Rubbia  
 601. Physics, Simon van der Meer  
 602. **1985** - Chemistry, Herbert A. Hauptman  
 603. Chemistry, Jerome Karle  
 604. Economics, Franco Modigliani  
 605. Literature, Claude Simon  
 606. Medicine, Michael S. Brown  
 607. Medicine, Joseph L. Goldstein  
 608. Peace, International Physicians for the  
 Prevention of Nuclear War  
 609. Physics, Klaus von Klitzing  
 610. **1986** - Chemistry, Dudley R. Herschbach  
 611. Chemistry, Yuan T. Lee  
 612. Chemistry, John C. Polanyi  
 613. Economics, James M. Buchanan Jr.  
 614. Literature, Wole Soyinka  
 615. Medicine, Stanley Cohen  
 616. Medicine, Rita Levi-Montalcini  
 617. Peace, Elie Wiesel  
 618. Physics, Gerd Binnig  
 619. Physics, Heinrich Rohrer  
 620. Physics, Ernst Ruska  
 621. **1987** - Chemistry, Donald J. Cram  
 622. Chemistry, Jean-Marie Lehn  
 623. Chemistry, Charles J. Pedersen  
 624. Economics, Robert M. Solow  
 625. Literature, Joseph Brodsky  
 626. Medicine, Susumu Tonegawa  
 627. Peace, Oscar Arias Sánchez  
 628. Physics, J. Georg Bednorz  
 629. Physics, K. Alex Müller  
 630. **1988** - Chemistry, Johann Deisenhofer  
 631. Chemistry, Robert Huber  
 632. Chemistry, Hartmut Michel  
 633. Economics, Maurice Allais  
 634. Literature, Naguib Mahfouz  
 635. Medicine, Sir James W. Black  
 636. Medicine, Gertrude B. Elion  
 637. Medicine, George H. Hitchings  
 638. Peace, United Nations Peacekeeping Forces  
 639. Physics, Leon M. Lederman  
 640. Physics, Melvin Schwartz  
 641. Physics, Jack Steinberger  
 642. **1989** - Chemistry, Sidney Altman  
 643. Chemistry, Thomas R. Cech  
 644. Economics, Trygve Haavelmo  
 645. Literature, Camilo José Cela  
 646. Medicine, J. Michael Bishop  
 647. Medicine, Harold E. Varmus  
 648. Peace, The 14th Dalai Lama  
 649. Physics, Hans G. Dehmelt  
 650. Physics, Wolfgang Paul  
 651. Physics, Norman F. Ramsey  
 652. **1990** - Chemistry, Elias James Corey  
 653. Economics, Harry M. Markowitz  
 654. Economics, Merton H. Miller  
 655. Economics, William F. Sharpe  
 656. Literature, Octavio Paz  
 657. Medicine, Joseph E. Murray  
 658. Medicine, E. Donnall Thomas  
 659. Peace, Mikhail Gorbachev  
 660. Physics, Jerome I. Friedman  
 661. Physics, Henry W. Kendall  
 662. Physics, Richard E. Taylor  
 663. **1991** - Chemistry, Richard R. Ernst  
 664. Economics, Ronald H. Coase  
 665. Literature, Nadine Gordimer  
 666. Medicine, Erwin Neher  
 667. Medicine, Bert Sakmann  
 668. Peace, Aung San Suu Kyi  
 669. Physics, Pierre-Gilles de Gennes  
 670. **1992** - Chemistry, Rudolph A. Marcus  
 671. Economics, Gary S. Becker  
 672. Literature, Derek Walcott  
 673. Medicine, Edmond H. Fischer  
 674. Medicine, Edwin G. Krebs  
 675. Peace, Rigoberta Menchú Tum  
 676. Physics, Georges Charpak  
 677. **1993** - Chemistry, Kary B. Mullis  
 678. Chemistry, Michael Smith  
 679. Economics, Robert W. Fogel  
 680. Economics, Douglass C. North  
 681. Literature, Toni Morrison  
 682. Medicine, Richard J. Roberts  
 683. Medicine, Phillip A. Sharp  
 684. Peace, F.W. de Klerk  
 685. Peace, Nelson Mandela  
 686. Physics, Russell A. Hulse  
 687. Physics, Joseph H. Taylor Jr.  
 688. **1994** - Chemistry, George A. Olah  
 689. Economics, John C. Harsanyi  
 690. Economics, John F. Nash Jr.  
 691. Economics, Reinhard Selten  
 692. Literature, Kenzaburo Oe  
 693. Medicine, Alfred G. Gilman  
 694. Medicine, Martin Rodbell  
 695. Peace, Yasser Arafat  
 696. Peace, Shimon Peres  
 697. Peace, Yitzhak Rabin  
 698. Physics, Bertram N. Brockhouse

699. Physics, Clifford G. Shull  
 700. **1995** - Chemistry, Paul J. Crutzen  
 701. Chemistry, Mario J. Molina  
 702. Chemistry, F. Sherwood Rowland  
 703. Economics, Robert E. Lucas Jr.  
 704. Literature, Seamus Heaney  
 705. Medicine, Edward B. Lewis  
 706. Medicine, Christiane Nüsslein-Volhard  
 707. Medicine, Eric F. Wieschaus  
 708. Peace, Pugwash Conferences on Science and World Affairs  
 709. Peace, Joseph Rotblat  
 710. Physics, Martin L. Perl  
 711. Physics, Frederick Reines  
 712. **1996** - Chemistry, Robert F. Curl Jr.  
 713. Chemistry, Sir Harold Kroto  
 714. Chemistry, Richard E. Smalley  
 715. Economics, James A. Mirrlees  
 716. Economics, William Vickrey  
 717. Literature, Wislawa Szymborska  
 718. Medicine, Peter C. Doherty  
 719. Medicine, Rolf M. Zinkernagel  
 720. Peace, Carlos Filipe Ximenes Belo  
 721. Peace, José Ramos-Horta  
 722. Physics, David M. Lee  
 723. Physics, Douglas D. Osheroff  
 724. Physics, Robert C. Richardson  
 725. **1997** - Chemistry, Paul D. Boyer  
 726. Chemistry, Jens C. Skou  
 727. Chemistry, John E. Walker  
 728. Economics, Robert C. Merton  
 729. Economics, Myron S. Scholes  
 730. Literature, Dario Fo  
 731. Medicine, Stanley B. Prusiner  
 732. Peace, International Campaign to Ban Landmines  
 733. Peace, Jody Williams  
 734. Physics, Steven Chu  
 735. Physics, Claude Cohen-Tannoudji  
 736. Physics, William D. Phillips  
 737. **1998** - Chemistry, Walter Kohn  
 738. Chemistry, John Pople  
 739. Economics, Amartya Sen  
 740. Literature, José Saramago  
 741. Medicine, Robert F. Furchgott  
 742. Medicine, Louis J. Ignarro  
 743. Medicine, Ferid Murad  
 744. Peace, John Hume  
 745. Peace, David Trimble  
 746. Physics, Robert B. Laughlin  
 747. Physics, Horst L. Störmer  
 748. Physics, Daniel C. Tsui  
 749. **1999** - Chemistry, Ahmed Zewail  
 750. Economics, Robert A. Mundell  
 751. Literature, Günter Grass  
 752. Medicine, Günter Blobel  
 753. Peace, Médecins Sans Frontières  
 754. Physics, Gerardus 't Hooft  
 755. Physics, Martinus J.G. Veltman  
 756. **2000** - Chemistry, Alan Heeger  
 757. Chemistry, Alan G. MacDiarmid  
 758. Chemistry, Hideki Shirakawa  
 759. Economics, James J. Heckman  
 760. Economics, Daniel L. McFadden  
 761. Literature, Gao Xingjian  
 762. Medicine, Arvid Carlsson  
 763. Medicine, Paul Greengard  
 764. Medicine, Eric R. Kandel  
 765. Peace, Kim Dae-jung  
 766. Physics, Zhores I. Alferov  
 767. Physics, Jack S. Kilby  
 768. Physics, Herbert Kroemer  
 769. **2001** - Chemistry, William S. Knowles  
 770. Chemistry, Ryoji Noyori  
 771. Chemistry, K. Barry Sharpless  
 772. Economics, George A. Akerlof  
 773. Economics, A. Michael Spence  
 774. Economics, Joseph E. Stiglitz  
 775. Literature, V.S. Naipaul  
 776. Medicine, Leland H. Hartwell  
 777. Medicine, Tim Hunt  
 778. Medicine, Sir Paul Nurse  
 779. Peace, United Nations  
 780. Peace, Kofi Annan  
 781. Physics, Eric A. Cornell  
 782. Physics, Wolfgang Ketterle  
 783. Physics, Carl E. Wieman  
 784. **2002** - Chemistry, John B. Fenn  
 785. Chemistry, Koichi Tanaka  
 786. Chemistry, Kurt Wüthrich  
 787. Economics, Daniel Kahneman  
 788. Economics, Vernon L. Smith  
 789. Literature, Imre Kertész  
 790. Medicine, Sydney Brenner  
 791. Medicine, H. Robert Horvitz  
 792. Medicine, John E. Sulston  
 793. Peace, Jimmy Carter  
 794. Physics, Raymond Davis Jr.  
 795. Physics, Riccardo Giacconi  
 796. Physics, Masatoshi Koshiha  
 797. **2003** - Chemistry, Peter Agre  
 798. Chemistry, Roderick MacKinnon  
 799. Economics, Robert F. Engle III  
 800. Economics, Clive W.J. Granger  
 801. Literature, J.M. Coetzee  
 802. Medicine, Paul C. Lauterbur  
 803. Medicine, Sir Peter Mansfield  
 804. Peace, Shirin Ebadi  
 805. Physics, Alexei A. Abrikosov



- 806. Physics, Vitaly L. Ginzburg
- 807. Physics, Anthony J. Leggett
- 808. **2004** - Chemistry, Aaron Ciechanover
- 809. Chemistry, Avram Hershko
- 810. Chemistry, Irwin Rose
- 811. Economics, Finn E. Kydland
- 812. Economics, Edward C. Prescott
- 813. Literature, Elfriede Jelinek
- 814. Medicine, Richard Axel
- 815. Medicine, Linda B. Buck
- 816. Peace, Wangari Maathai
- 817. Physics, David J. Gross
- 818. Physics, H. David Politzer
- 819. Physics, Frank Wilczek
- 820. **2005** - Chemistry, Yves Chauvin
- 821. Chemistry, Robert H. Grubbs
- 822. Chemistry, Richard R. Schrock
- 823. Economics, Robert J. Aumann
- 824. Economics, Thomas C. Schelling
- 825. Literature, Harold Pinter
- 826. Medicine, Barry J. Marshall
- 827. Medicine, J. Robin Warren
- 828. Peace, International Atomic Energy Agency
- 829. Peace, Mohamed ElBaradei
- 830. Physics, Roy J. Glauber
- 831. Physics, John L. Hall
- 832. Physics, Theodor W. Hänsch

**II. Prize Awarded Organizations  
(All are Peace Prizes)**

- 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
- 21. 2005 - International Atomic Energy Agency

**III. Women Prize Winners**

**Chemistry**

- 1. 1911 - Marie Curie
- 2. 1935 - Irène Joliot-Curie
- 3. 1964 - Dorothy Crowfoot Hodgkin

**Literature**

- 1. 1909 - Selma Lagerlöf
- 2. 1926 - Grazia Deledda
- 3. 1928 - Sigrid Undset
- 4. 1938 - Pearl Buck
- 5. 1945 - Gabriela Mistral
- 6. 1966 - Nelly Sachs
- 7. 1991 - Nadine Gordimer
- 8. 1993 - Toni Morrison
- 9. 1996 - Wislawa Szymborska
- 10. 2004 - Elfriede Jelinek

**Peace**

- 1. 1905 - Bertha von Suttner
- 2. 1931 - Jane Addams
- 3. 1946 - Emily Greene Balch
- 4. 1976 - Betty Williams
- 5. 1976 - Mairead Corrigan
- 6. 1979 - Mother Teresa
- 7. 1982 - Alva Myrdal
- 8. 1991 - Aung San Suu Kyi
- 9. 1992 - Rigoberta Menchú Tum
- 10. 1997 - Jody Williams
- 11. 2003 - Shirin Ebadi
- 12. 2004 - Wangari Maathai

**Physics**

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

**Physiology or Medicine**

- 1. 1947 - Gerty Cori
- 2. 1977 - Rosalyn Yalow
- 3. 1983 - Barbara McClintock
- 4. 1986 - Rita Levi-Montalcini
- 5. 1988 - Gertrude B. Elion
- 6. 1995 - Christiane Nüsslein-Volhard
- 7. 2004 - Linda B. Buck