

# List Of Nobel Prize Winners In Physics

Please note that the content of this book primarily consists of articles available from Wikipedia or other free sources online. Pages: 43. Chapters: List of Nobel laureates affiliated with Cornell University, List of Nobel laureates affiliated with Imperial College London, List of Nobel laureates affiliated with Johns Hopkins University, List of Nobel laureates affiliated with King's College London, List of Nobel laureates affiliated with Princeton University, List of Nobel laureates affiliated with the City University of New York, List of Nobel laureates affiliated with the University of California, Berkeley, List of Nobel laureates affiliated with the University of California, Santa Barbara, List of Nobel laureates affiliated with the University of Chicago, List of Nobel laureates affiliated with the University of Pennsylvania, List of Nobel laureates affiliated with University College London, List of Nobel laureates affiliated with Washington University in St. Louis, List of Nobel laureates by university affiliation, Nobel Prize laureates by secondary school affiliation. Excerpt: This list of Nobel laureates by university affiliation shows the university affiliation (either as a student, alumnus or faculty) of winners of the Nobel Prize. Universities are listed in order of number of affiliated Nobel Prize winners, from highest to lowest. It is not always straightforward to

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determine which institution was key to the contribution for which each Nobel laureate was honoured. Many laureates earn their bachelor's and master's degrees at one university, then move to a different university to earn their doctorates. Some laureates may have taught or done research at more than one university. Some names will appear below as 'graduates', 'researchers' or 'academic staff' of more than one university. Each institution practices different methods for counting affiliates, from extremely generous counting to extremely conservative counting. For example, Oxford University...

The winners of the Nobel Prize show how economics, when done right, can help us solve the thorniest social and political problems of our day. Figuring out how to deal with today's critical economic problems is perhaps the great challenge of our time. Much greater than space travel or perhaps even the next revolutionary medical breakthrough, what is at stake is the whole idea of the good life as we have known it. Immigration and inequality, globalization and technological disruption, slowing growth and accelerating climate change--these are sources of great anxiety across the world, from New Delhi and Dakar to Paris and Washington, DC. The resources to address these challenges are there--what we lack are ideas that will help us jump the wall of disagreement and distrust that divides us. If we succeed, history will remember our era with gratitude; if we fail,

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the potential losses are incalculable. In this revolutionary book, renowned MIT economists Abhijit V. Banerjee and Esther Duflo take on this challenge, building on cutting-edge research in economics explained with lucidity and grace.

Original, provocative, and urgent, *Good Economics for Hard Times* makes a persuasive case for an intelligent interventionism and a society built on compassion and respect. It is an extraordinary achievement, one that shines a light to help us appreciate and understand our precariously balanced world.

The concept of molecular machines in biology has transformed the medical field in a profound way. Many essential processes that occur in the cell, including transcription, translation, protein folding and protein degradation, are all carried out by molecular machines. This volume focuses on important molecular machines whose architecture is known and whose functional principles have been established by tools of biophysical imaging (X-ray crystallography and cryo-electron microscopy) and fluorescence probing (single-molecule FRET). This edited volume includes contributions from prominent scientists and researchers who understand and have explored the structure and functions of these machines. This book is essential for students and professionals in the medical field who want to learn more about molecular machines.

Theory of Superconductivity is primarily intended to serve as a background for

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reading the literature in which detailed applications of the microscopic theory of superconductivity are made to specific problems.

Since 1901 there have been over three hundred recipients of the Nobel Prize in the sciences. Only ten of them -- about 3 percent -- have been women. Why? In this updated version of *Nobel Prize Women in Science*, Sharon Bertsch McGrayne explores the reasons for this astonishing disparity by examining the lives and achievements of fifteen women scientists who either won a Nobel Prize or played a crucial role in a Nobel Prize - winning project. The book reveals the relentless discrimination these women faced both as students and as researchers. Their success was due to the fact that they were passionately in love with science. The book begins with Marie Curie, the first woman to win the Nobel Prize in physics. Readers are then introduced to Christiane Nusslein-Volhard, Emmy Noether, Lise Meitner, Barbara McClintock, Chien-Shiung Wu, and Rosalind Franklin. These and other remarkable women portrayed here struggled against gender discrimination, raised families, and became political and religious leaders. They were mountain climbers, musicians, seamstresses, and gourmet cooks. Above all, they were strong, joyful women in love with discovery. *Nobel Prize Women in Science* is a startling and revealing look into the history of science and the critical and inspiring role that women have played in the drama

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of scientific progress.

Annotation. This work bridges a critical gap in the social sciences. It brings identity and norms to economics. People's notions of what is proper, and what is forbidden, and for whom, are fundamental to how hard they work, and how they learn, spend, and save.

This outstanding series presents detailed accounts of the lives and work of the 876 men, women, and institutions that earned the Nobel Prize from its inception in 1901.

The Nobel Prize, as founded in Alfred Nobel's will, was the first truly international prize. There is no other award with the same global scope and mission. The Nobel Prizes in Physics, Chemistry, Physiology or Medicine, Literature, Peace, and the Bank of Sweden Prize in Economic Sciences (from 1969) have not only captured the most significant contributions to the progress of mankind, they also constitute distinct markers of the major trends in their respective areas. The main reason for the prestige of the Prize today is, however, the lasting importance of the names on the list of Laureates and their contributions to human development. In celebration of the centennial of the Nobel Prize in 2001, this book offers a clear perspective on the development of human civilization over the past hundred years. The book serves to present the major trends and developments and also

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provide information about the life and philosophy of Alfred Nobel, the history of the Nobel Foundation, and the procedure for nominating and selecting Nobel Laureates. Contents: Introduction (M Sohlman) Life and Philosophy of Alfred Nobel (T Frängsmyr) The Nobel Foundation: A Century of Growth and Change (B Lemmel) Nomination and Selection of the Nobel Laureates (B Lemmel) The Nobel Prize in Physics (E B Karlsson) The Nobel Prize in Chemistry: The Development of Modern Chemistry (B G Malmström & B Andersson) The Nobel Prize in Physiology or Medicine (J Lindsten & N Ringertz) The Nobel Prize in Literature (K Espmark) The Nobel Peace Prize (G Lundestad) The Sveriges Riksbank (Bank of Sweden) Prize in Economic Sciences in Memory of Alfred Nobel 1969–2000 (A Lindbeck) Readership: General. Keywords: Reviews: "This wonderful book gives a comprehensive review of the Nobel prizes awarded since 1901 ... Reading the book is like reading a compressed history of humankind in the twentieth century. It shows how by and large the Nobel prizes have indeed tracked the epoch-making events in this turbulent century." M Veltman Nobel Laureate in Physics (1999), Emeritus Professor of Physics University of Michigan, Ann Arbor The book opens with the portrait of the man behind the awards: Alfred Bernhard Nobel and his biographical sketch. It gives an introduction to the Nobel foundation, prizes, selection of prize winners, and prize ceremonies. Nobel

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diplomas and Nobel Prize amounts are described in brief. In the end, a list of all 168 Nobel Prizewinners are given which includes the prize-awarding year and prize winning work. Also included is a short account of the laureates' life and work, followed by a historical and explanatory introduction to the particular discovery or achievement which gained him or her the prize.

"Growth of the Soil" portrays the main protagonist, Isak, and his family as awed by modernity, yet at times, they come into conflict with it. The novel contains two sections entitled Book One and Book Two. The first book focuses almost solely on the story of Isak and his family and the second book starts off by following the plight of Axel and ends mainly focusing on Isak's family.

**\*\*By the winner of the Nobel Prize in Literature 2021\*\*** Vehement, comic and shrewd, Abdulrazak Gurnah's first novel is an unwavering contemplation of East African coastal life. Poverty and depravity wreak havoc on Hassan Omar's family. Amid great hardship he decides to escape. The arrival of Independence brings new upheavals as well as the betrayal of the promise of freedom. The new government, fearful of an exodus of its most able men, discourages young people from travelling abroad and refuses to release examination results. Deprived of a scholarship, Hassan travels to Nairobi to stay with a wealthy uncle, in the hope that he will release his mother's rightful share of the family

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inheritance. The collision of past secrets and future hopes, the compound of fear and frustration, beauty and brutality, create a fierce tale of undeniable power.

WINNER OF THE NOBEL PRIZE IN LITERATURE  
WINNER OF THE MAN BOOKER INTERNATIONAL PRIZE  
NATIONAL BOOK AWARD FINALIST FOR TRANSLATED LITERATURE

A visionary work of fiction by "A writer on the level of W. G. Sebald" (Annie Proulx) "A magnificent writer." — Svetlana Alexievich, Nobel Prize-winning author of *Secondhand Time* "A beautifully fragmented look at man's longing for permanence.... Ambitious and complex." — Washington Post

From the incomparably original Polish writer Olga Tokarczuk, *Flights* interweaves reflections on travel with an in-depth exploration of the human body, broaching life, death, motion, and migration. Chopin's heart is carried back to Warsaw in secret by his adoring sister. A woman must return to her native Poland in order to poison her terminally ill high school sweetheart, and a young man slowly descends into madness when his wife and child mysteriously vanish during a vacation and just as suddenly reappear. Through these brilliantly imagined characters and stories, interwoven with haunting, playful, and revelatory meditations, *Flights* explores what it means to be a traveler, a wanderer, a body in motion not only through space but through time. Where are you from? Where are you coming in from? Where are you going? we call to the traveler.

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Enchanting, unsettling, and wholly original, *Flights* is a master storyteller's answer.

A history of the Nobel Prize reveals the biases and controversies inherent in the choosing of award winners in each field, scandals, corruption, and the problems stemming from a refusal to change with modern times.

The story of an old Cuban fisherman, down on his luck, and his supreme ordeal, a relentless, agonizing battle with a giant marlin far out in the Gulf Stream.

The epic romance of *Lei and Wren* comes to a breathtaking conclusion in the explosive finale to the acclaimed, *New York Times* bestselling *Girls of Paper and Fire* series.

'Don't struggle, Lei-zhi. It's time to take you back to the Hidden Palace. You're going home.' The jaw-dropping conclusion to *Girls of Storm and Shadow* left the fates of *Lei and Wren* hanging in the balance. There's one thing *Lei* knows - she can never return to the Hidden Palace. The trauma and tragedy she suffered behind those opulent walls will plague her forever. She cannot be trapped there with the sadistic king again, especially without *Wren*. The last time *Lei* saw the girl she loved, *Wren* was fighting an army of soldiers in a furious battle to the death. With the two girls torn apart and each in great peril, will they reunite at last, or have their destinies diverged forever?

*Muhammad Yunus* is that rare thing: a bona fide visionary. His dream is the total eradication of poverty from the world. In 1983, against the advice of banking and government officials, *Yunus* established *Grameen*, a bank devoted to providing the

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poorest of Bangladesh with minuscule loans. Grameen Bank, based on the belief that credit is a basic human right, not the privilege of a fortunate few, now provides over 2.5 billion dollars of micro-loans to more than two million families in rural Bangladesh. Ninety-four percent of Yunus's clients are women, and repayment rates are near 100 percent. Around the world, micro-lending programs inspired by Grameen are blossoming, with more than three hundred programs established in the United States alone. *Banker to the Poor* is Muhammad Yunus's memoir of how he decided to change his life in order to help the world's poor. In it he traces the intellectual and spiritual journey that led him to fundamentally rethink the economic relationship between rich and poor, and the challenges he and his colleagues faced in founding Grameen. He also provides wise, hopeful guidance for anyone who would like to join him in "putting homelessness and destitution in a museum so that one day our children will visit it and ask how we could have allowed such a terrible thing to go on for so long." The definitive history of micro-credit direct from the man that conceived of it, *Banker to the Poor* is necessary and inspirational reading for anyone interested in economics, public policy, philanthropy, social history, and business. Muhammad Yunus was born in Bangladesh and earned his Ph.D. in economics in the United States at Vanderbilt University, where he was deeply influenced by the civil rights movement. He still lives in Bangladesh, and travels widely around the world on behalf of Grameen Bank and the concept of micro-credit.

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"Miracle Fair is Szymborska at her very best."—Harvard Book Review Winner of the Heldt Prize for Translation. A new translation of the Nobel Prize-winning Polish poet, with an introduction by Czeslaw Milosz. This long-awaited volume samples the full range of Wislawa Szymborska's major themes: the ironies of love, the wonders of nature's beauty, and the illusory character of art. Szymborska's voice emerges as that of a gentle subversive, self-deprecating in its wit, yet graced with a gift for coaxing the extraordinary out of the ordinary.

In South Korea, the contentious debate over relations with the North transcends traditional considerations of physical and economic security, and political activists play a critical role in shaping the discussion of these issues as they pursue the separate yet connected agendas of democracy, human rights, and unification. Providing international observers with a better understanding of policymakers' management of inter-Korean relations, Danielle L. Chubb traces the development of various policy disputes and perspectives from the 1970s through South Korea's democratic transition. Focusing on four case studies—the 1980 Kwangju uprising, the June 1987 uprising, the move toward democracy in the 1990s, and the decade of "progressive" government that began with the election of Kim Dae Jung in 1997—she tracks activists' complex views on reunification along with the rise and fall of more radical voices encouraging the adoption of a North Korean-style form of socialism. While these specific arguments have dissipated over the years, their vestiges can still be found in recent discussions over

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how to engage with North Korea and bring security and peace to the peninsula. Extending beyond the South Korean example, this examination shows how the historical trajectory of norms and beliefs can have a significant effect on a state's threat perception and security policy. It also reveals how political activists, in their role as discursive agents, play an important part in the creation of the norms and beliefs directing public debate over a state's approach to the ethical and practical demands of its foreign policy.

A Forbes, Physics Today, Science News, and Science Friday Best Science Book Of 2018 The inside story of a quest to unlock one of cosmology's biggest mysteries, derailed by the lure of the Nobel Prize. What would it have been like to be an eyewitness to the Big Bang? In 2014, astronomers wielding BICEP2, the most powerful cosmology telescope ever made, revealed that they'd glimpsed the spark that ignited the Big Bang. Millions around the world tuned in to the announcement broadcast live from Harvard University, immediately igniting rumors of an imminent Nobel Prize. But had these cosmologists truly read the cosmic prologue or, swept up in Nobel dreams, had they been deceived by a galactic mirage? In *Losing the Nobel Prize*, cosmologist and inventor of the BICEP (Background Imaging of Cosmic Extragalactic Polarization) experiment Brian Keating tells the inside story of BICEP2's mesmerizing discovery and the scientific drama that ensued. In an adventure story that spans the globe from Rhode Island to the South Pole, from California to Chile, Keating takes us on a

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personal journey of revelation and discovery, bringing to vivid life the highly competitive, take-no-prisoners, publish-or-perish world of modern science. Along the way, he provocatively argues that the Nobel Prize, instead of advancing scientific progress, may actually hamper it, encouraging speed and greed while punishing collaboration and bold innovation. In a thoughtful reappraisal of the wishes of Alfred Nobel, Keating offers practical solutions for reforming the prize, providing a vision of a scientific future in which cosmologists may, finally, be able to see all the way back to the very beginning.

The Nobel Prize The First 100 Years World Scientific

This book brings together in one volume fifteen discoveries that have had a major impact upon medical science and the practice of medicine but where the scientists involved have not been awarded a Nobel Prize. Its aim is to publicize the achievements of these lesser-known heroes of our time and thereby inform and entertain the reader, whether medical student, professor or scientifically-minded layman. Contents: Archibald E Garrod: The Founding Father of Biochemical Genetics (David J Galton) Nikolai Anitschkow: The Birth of the Lipid Hypothesis of Atherosclerosis and Coronary Heart Disease (Daniel Steinberg) Willem-Karel Dicke: The Role of Gluten in Coeliac Disease (Chris J J Mulder and Karel A Dicke) Richard Doll: The Link Between Smoking and Lung Cancer (Tony Seed) Albert Sabin: The Development of an Oral Poliovirus Vaccine (Derek R Smith and Peter A Leggat) René Favaloro: Pioneer of Coronary Artery Surgery (Stephen Westaby) Christiaan Barnard and Norman Shumway: The Heart

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Transplant Pioneers (Stephen Westaby and David Marais) William Kouwenhoven and Paul Zoll: The Introduction of External Cardiac Massage, Defibrillators and Pacemakers (Max Lab) Inge Edler and Carl Hellmuth Hertz: The Development of Ultrasound for Clinical Use (Bhavna Batohi and Paul S Sidhu) Cyril Clarke, Ronald Finn, John Gorman, Vincent Freda and William Pollack: The Prevention of Rh Haemolytic Disease of the Newborn (David J Weatherall) Herbert Boyer and Stanley Cohen: Recombinant DNA (Anne Soutar) Harvey Alter and Michael Houghton: The Discovery of Hepatitis C and the Introduction of Screening to Prevent Its Transmission in Transfused Blood (Leonard B Seeff and Marc G Ghany) Willem Kolff and Belding Scribner: The Development of Renal Haemodialysis (John Turney) James Till and Ernest McCulloch: The Discovery of Stem Cells (Joe Sornberger) Akira Endo: The Discovery of Statins (Gilbert Thompson and Hiroshi Mabuchi) Readership: Medical students, professionals and general public. Key Features: This book is the sequel to Nobel Prizes that Changed Medicine. Many of the authors have personal knowledge of the scientists they write about and all are distinguished authorities in their own field. No other book has brought together the non-Nobel Prize-winning discoveries having the greatest influence upon the practice of Medicine, dating from the first description of inborn errors of metabolism by Garrod in 1908 to the discovery of statins, for which Endo received the Lasker Award in 2008. Keywords: Inborn Errors; Metabolism; Lipid Hypothesis; Atherosclerosis; Gluten; Coeliac Disease; Smoking; Lung Cancer; Polio

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Vaccine;Coronary Angiography;Coronary Bypass Grafting;Cardiac Transplantation;Cardiac Massage;Defibrillator;Pace Maker;Ultrasound;Rh Disease;Gene Cloning;Hepatitis C;Haemodialysis;Stem-Cells;Statins

The complete acceptance speech of Louise Glück, winner of the 2020 Nobel Prize in Literature.

How the creation of the Nobel Prize in Economics changed the economics profession, Sweden, and the world Our confidence in markets comes from economics, and our confidence in economics is underpinned by the Nobel Prize in Economics, which was first awarded in 1969. Was it a coincidence that the prize and the rise of free-market liberalism began at the same time? The Nobel Factor is the first book to describe the origins and power of the most important prize in economics. It tells how the prize, created by the Swedish central bank, emerged from a conflict between central bank orthodoxy and Sweden's social democracy. The aim was to use the halo of the Nobel brand to influence the future of Sweden and the rest of the developed world by enhancing the bank's authority and the prestige of market-friendly economics. And the strategy has worked spectacularly—with sometimes disastrous results for societies striving to cope with the requirements of economic theory and deregulated markets. Drawing on previously untapped archives and providing a unique analysis of the sway of prizewinners, The Nobel Factor offers an unprecedented account of the real-world consequences of economics and its greatest prize.

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The Nobel Foundation presents information on Guatemalan writer Miguel Angel Asturias (1899-1974), who won the 1967 Nobel Prize in literature. Asturias received the Nobel prize for his literary achievement rooted in the national traditions of Indian peoples of Latin America. The foundation highlights a biographical sketch of Asturias, his acceptance speech, the prize presentation speech, and a Nobel lecture by Asturias. The Laser Spectroscopy Conference held at Vail, Colorado, June 25-29, 1973 was in certain ways the first meeting of its kind. Various quantum electronics conferences in the past have covered non linear optics, coherence theory, lasers and masers, breakdown, light scattering and so on. However, at Vail only two major themes were developed - tunable laser sources and the use of lasers in spectroscopic measurements, especially those involving high precision. Even so, Laser Spectroscopy covers a broad range of topics, making possible entirely new investigations and in older ones orders of magnitude improvement in resolution. The conference was interdisciplinary and international in character with scientists representing Japan, Italy, West Germany, Canada, Israel, France, England, and the United States. Of the 150 participants, the majority were physicists and electrical engineers in quantum electronics and the remainder, physical chemists and astrophysicists. We regret, because of space limitations, about 100 requests to attend had to be refused. How was a brilliant physics professor tricked into carrying 2kg of cocaine across the Argentinian border? Why do doctors misdiagnose 10 to 15% of their patients? Why do

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Nobel Prize winners spread fake news? We assume that smarter people are less prone to error. But greater education and expertise can often amplify our mistakes while rendering us blind to our biases. This is the 'intelligence trap'. Drawing on the latest behavioural science and historical examples from Socrates to Benjamin Franklin, David Robson demonstrates how to apply our intelligence more wisely; identify bias and enhance our 'rationality quotient'; read and regulate our emotions; fine-tune our intuition; navigate ambiguity and uncertainty; and think more flexibly about seemingly intractable problems. The twenty-first century presents us with complex problems that demand a wiser way of thinking. Whether you are a NASA scientist or a school student, *The Intelligence Trap* offers a new cognitive toolkit to realise your full potential.

A summary of the pioneering work of Glauber in the field of optical coherence phenomena and photon statistics, this book describes the fundamental ideas of modern quantum optics and photonics in a tutorial style. It is thus not only intended as a reference for researchers in the field, but also to give graduate students an insight into the basic theories of the field. Written by the Nobel Laureate himself, the concepts described in this book have formed the basis for three further Nobel Prizes in Physics within the last decade.

The story of the winners of the world's most prestigious prize, now updated to include the 2009 recipients. The Nobel Prize is widely regarded as the most prestigious award one can receive. The Prize is administered by the Nobel Foundation, and the award

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ceremonies receive extensive media coverage. The awards are often politically controversial, and many winners use their acceptance speech to further favorite causes. Along with background information, the book provides a look at the 200 most famous and most interesting Nobel winners. The profiles are arranged by prize and by year. A photo or illustration appears with each profiled Laureate. Other illustrations help to explain complex subjects in science and make it easier for the reader to appreciate the accomplishments for which the prize has been awarded. A number of fascinating facts emerge from this lively account. For example, only 40 of the 829 Nobel Laureates have been women, among them Marie Curie, who won twice. Linus Pauling is the only person to have been awarded two Nobel Prizes in different categories, the 1954 Nobel Prize in Chemistry and the 1962 Nobel Peace Prize. The youngest Laureate is Lawrence Bragg, who was 25 years old when he received the Nobel Prize in Physics with his father in 1915. The oldest is Leonid Hurwicz, who was 90 years old when he received the 2007 Economics Prize. Two Laureates have declined the Nobel Prize: Jean-Paul Sartre, and Le Duc Tho. Other famous names include Ernest Hemingway, Albert Einstein, Albert Schweitzer, James Watson and Francis Crick, Paul Krugman, Charles Kao, Elizabeth Blackburn and Barack Obama. Nobel: A Century of Prize Winners is sure to find a readership among the millions who follow the awards each year and want to understand more about the most important prize in the world. An overview of the benefits and services that nature offers to people. The contributors

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present a detailed synthesis of our current understanding of a suite of ecosystem services and a preliminary assessment of their economic value.

A chronicle of peasant life during the four seasons of a year.

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