



## Nobel Prizes 2019

The Nobel Foundation has declared the complete list of winners for 2019.

Field	Winners	Work Recognized
Physics	James Peebles	Theoretical discoveries in physical cosmology
	Michel Mayor Didier Queloz	Discovery of an exoplanet “ 51 Pegasi b” orbiting a solar-type star.
Chemistry	John B Goodenough, M Stanley Whittingham, Akira Yoshino	Development of lithium-ion batteries.
Physiology/ Medicine	William G. Kaelin Jr, Sir Peter J. Ratcliffe, Gregg L. Semenza	For discoveries on how cells sense and adapt to oxygen availability
Economic Sciences	Abhijit Banerjee, Esther Duflo, Michael Kremer	For the experimental approach to alleviating global poverty.
Literature	Peter Handke - 2019	For an influential work that with linguistic ingenuity has explored the periphery and the specificity of human experience.
	Olga Tokarczuk - 2018	For a narrative imagination that with encyclopedic passion represents the crossing of boundaries as a form of life.
Peace	Abiy Ahmed Ali (Prime Minister of Ethiopia)	For an initiative to resolve the border conflict with neighboring Eritrea.

### About Nobel Prizes

- The **will of the Swedish scientist Alfred Nobel** established the **five Nobel prizes in 1895**.
- The Nobel Prizes are a set of recognition given to fields of Chemistry, Literature, Peace, Physics, and Physiology or Medicine by The Nobel Foundation.
- The **Nobel Foundation** is a **private institution** established in 1900, has ultimate responsibility for fulfilling the intentions in Alfred Nobel's will.
- The prizes in Chemistry, Literature, Peace, Physics, and Physiology or Medicine were first awarded in 1901.

### Who selects the Nobel Laureates?

- In his last will and testament, Alfred Nobel specifically designated the institutions responsible for the prizes he wished to be established:
  - The Royal Swedish Academy of Sciences for the Nobel Prize in Physics and Chemistry,
  - Karolinska Institutet for the Nobel Prize in Physiology or Medicine,

- The Swedish Academy for the Nobel Prize in Literature, and
- A Committee of five persons to be elected by the Norwegian Parliament (Storting) for the Nobel Peace Prize.
- In 1968, Sveriges Riksbank established the Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel.
  - The Royal Swedish Academy of Sciences was given the task to select the Laureates in Economic Sciences starting in 1969.
- While the five Nobel Prizes are based on a fund set up from the wealth bequeathed by Alfred Nobel, the Economic Prize is based on a donation received by the Nobel Foundation in 1968 from Sveriges Riksbank.

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