

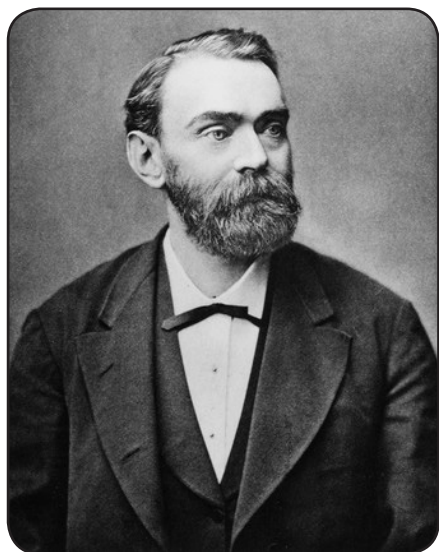
Nobel Prize Winners - 2015

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The 10th of last December, King Carl XVI Gustaf of Sweden handed over the Nobel Medals (hand made in 18 carat-green gold plated with 24 carat gold) Nobel Diploma and a document confirming the Nobel Prize amount to Nobel laureates in Stockhome. Meanwhile King Harold of Norway handed over the peace prize laureates their noble peace prize in oslo.

Nobel prizes the full value of each amounting to nearly Swedish Kronav (SK) 8.0 million) are donated from the money earned from the safe securities invested



Alfred Nobel

from the estate of Alfred Nobel. Sir Alfred Nobel (Born on 21st October 1833 and died on 10th December 1896) was a chemical engineer, innovator and an armament manufacturer. Among his 350 different patents, Dynamite was the most famous. The wealth he earned through dynamite and other armament manufacture was used posthumously to institute the Nobel Prizes. Nobel signed his last will on 27th November 1885 and set aside the bulk of his estate to establish Nobel Prizes for chemistry, physics, physiology or medicine, literature and peace. Each Nobel Prize has to provide an equal amount of money and to be awarded annually without distinction of nationality. The sixth Nobel Prize for economics was included in the year 2001 on the request of Peter Nobel, a grand nephew of Alfred Nobel, made to the Bank of Sweden. It was termed as a prize in Alfred Nobel's memory. By giving his consent to award "Nobel Prizes" Alfred Nobel who was at that time referred to as "The merchant of death" is today

remembered as a person who contributed to recognize the global development of Peace, Literature and Sciences.

The following are the Nobel Lauretes nominated by the Norwegian Nobel Committee and other authorities to receive Nobel prizes for the year 2015.

Chemistry

The 2015 Nobel Prize for chemistry was awarded to three eminent scientists for their mechanistic studies of DNA repair. They are Aziz Sancar a Turkish-American Biochemist and Molecular Biologist. His speciality being the DNA repair cell cycle check points and circadian clock, was born in Savur, Turkey in 1946. Presently he is attached to the University of North Carolina, USA. Paul Lawrence Modrich a Professor of Biochemistry at-Duke University and an investigator at-Howard Huges Medical Institute, shares the 2015 Nobel Prize for chemistry with Aziz Sancar and Thomas Lindahl. Modrich was born in 1946,



while

Aziz Sancar - Paul Modrich - Thomas Lindahl

Thomas Lindhal who was born in 1938, Stockhome, Sweden is a Swedish scientist specializing in cancer. At present he is attached to the Francis Crick Institute and Clare Wall Laboratory both at Hertfordshire, United Kingdom. Scientists Paul Modrich, Aziz Sanker are fellows of the American academy of Arts and Science, while Thomas Lindahl is a member of the Norwegian Academy of Science and Letters.

Physics

Arthur Bruce McDonald, an astro physicist of the Queen's University, Kingston, Canada was awarded the 2015 Nobel Prize in Physics jointly with Japanese Physicist Takaki Kajeta, Arther McDonald, born in 1943 in Sydney, Canada, investigated whether or not neutrinos have mass, and the experiments done

to date suggest that the neutrinos may have a mass. Recently it was suggested by MacDonald and co-scientists that electron neutrinos from the sun were really oscillating into muon and tan neutrinos. He is the director of the Sudbury Neutrino Institute of the Queens University.

The other Nobel laureate who is jointly sharing the noble prize in physics with Mcdonald is Takakaki Kajita a Japanese Physicist widely respected as an expert in neutrino experiments. Kajita was born in 1959 in Higashimatcuyama in Japan. Presently he is working for the University of Tokyo, Kashiwa, Japan.

Physiology and Medicine

You Yon Tu, a Chinese medical scientist, pharmaceutical chemist, pharmacist and educator is one of the three scientists who were jointly

awarded the 2015, Nobel Prize for Physiology or Medicine.

You Yon is credited for discovering artemisinin and dihydroartemisinin, drugs that revolutionalized the treatment of malaria, saving millions of lives in South Asia, South Africa and South America regions.

You Yon Tu was born in Zhejang Ningpo, in China in 1930. At present she is working in China Academy of Chinese Traditional Medicine in Beijing, China. In 2012



William P Campbell



Svetlana Alexeandrovna

she was recognized as one of the ten national outstanding females of the Peoples Republic of China. Satoshi Omura, the Japanese biochemist who is presently working at-Kita Sato University in Tokyo, Japan, is one of the other two scientists who were awarded the 2015 Nobel Prize for Physiology or Medicine.

Omura is known for the discovery and development of various pharmaceuticals originally occurring in microorganisms. Satoshi Omura is an expert in bioorganic Chemistry, and discovered many bio active chemicals occurring in microorganisms.

Born in 1935 in Yamanoshi Prefectuar, Japan, he is considered as a world expert on macrolide antibiotics.

The Irish born American biologist and parasitologist, the 3rd scientist who shared the 2015 Nobel Prize for Medicine or Physiology with You Yon and Omura, is William P.Campbell. The award was presented to him for his discoveries about a novel therapy against roundworm infection.

Born in 1930 in Ramelton, Ireland, he is presently working at Drew

University, Michigan, New Jersey, USA.

Economics

British economist Stewart Deaton who analysed consumption, poverty and welfare was awarded the 2015 Nobel Memorial Prize in Economics.

He was born in 1945 in Edinburgh, United Kingdom, and is presently serving in the Princeton University in Princeton, New Jersey in United States of America. He has written a number of books on economics including the Great Escape: Health, Wealth and the Origins of Inequity.

Literature

Belarusian investigative journalist

and non fiction prose writer Svetlana Alexeandrovna Alexeievich who writes in the in Russian language, was awarded the 2015, Nobel Prize for Literature. The award was presented to her “for her polyphonic writings, a monument to suffering and courage in our times”.

Svetlana was born in Ivano-Frankivska in Ukraine on 31st May 1948.

Peace

“For its decisive contribution to the building of a pluralistic democracy in Tunisia in the wake of the Jasmine Revolution of 2011”, was the prize motivational prepared for the Tunisian National Dialogue Quartet which is a group of four organizations that were central in the attempts to build a pleuralistic democracy in Tunisia when it was awarded the 2015 Nobel Peace Prize.

The quartet formed in 2013, comprises the following civil society organizations in Tunisia.

- The Tunisian General Labour Union.
- The Tunisian Confederation of Industry Trade and Handicraft.
- The Tunisian Human Rights League.
- The Tunisian Order of Lawyers.



Satoshi Omura



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