



James Cronin
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Nobel Prize for Physics, Chemistry

STOCKHOLM, Oct. 14:—The 1980 Nobel Prize for Physics was awarded today to Americans James Cronin and Val Fitch for discoveries in the field of atomic particles, says Reuter.

The Royal Swedish Academy of Sciences awarded the 880,000 crown (212,000 dollar) prize to Professor Cronin, 49, of the University of Chicago and Professor Fitch, 57, of Princeton University for their discovery concerning violation of the principle of symmetry in nuclear particles.

This has a role in many sciences and in other areas.

The academy said that the discovery by Professor Cronin and Professor Fitch was connected with the related symmetry principles that were important to the fundamental laws

of nature. Symmetry is described as the property, characteristic of the elements of certain mathematical atomic molecular or nuclear systems, of being mutually related by one or more of a specified set of operations.

Another report says: The 1980 Nobel Chemistry Prize was awarded today to Paul Berg of Stanford University, Walter Gilbert of Harvard University, both in the United States and Frederick Sanger of Britain's Cambridge University.

The Royal Swedish Academy of Sciences awarded half the 880,000 crown (212,000 dollar) (Continued on page 12 col. 7)

prize to Professor Berg for his fundamental studies of the Biochemistry of nucleic acids and the other half to Professors Gilbert and Sanger for their contribution to determining fundamental sequences in nucleic acids which are the building blocks of living organisms.

This was the second Nobel Chemistry Prize for Briton Frederick Sanger. He previously won it in 1958.

Paul Berg was born in New York city and Walter Gilbert in Boston, Massachusetts.