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PHYSICS NOBEL LAUREATS -- The 1988 Nobel Prize in Physics was awarded to three Americans for their landmark experiments using the first laboratory-made neutrinos, elusive particles that play a fundamental role in the structure of matter. At top are Jack Steinberger (left), 67, a physicist at the European Center for Nuclear Research in Geneva, Switzerland, and Leon Lederman (right), 66, director of the Fermi National Accelerator Laboratory in Batavia, Illinois. At bottom, Melvin Schwartz, 55, chairman and chief executive of Digital Pathways in Mountain View, California, is hugged by his wife Marilyn and daughter Betty after hearing the news. The Royal Swedish Academy of Sciences cited a collaborative experiment by the three scientists in 1960-62 while they were at Columbia University in New York City. The experiment discovered a previously unknown type of neutrino which led to a theory later known as the "standard model" of fundamental particles. This theory is one of the cornerstones of modern physics.

(88-1982)

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