

NOBEL PRIZE IN MEDICINE AND PHYSIOLOGY

The \$120,000 Nobel Prize in Medicine and Physiology for 1973 will be shared by the three major founders of the relatively new science of ethology - Konrad Lorenz, Karl von Frisch (Honorary Member of APS) and Nikolaas Tinbergen.

Ethology is the scientific study of comparative behavior.

Von Frisch, 86, a Vienna-born zoologist, carried out his most important research on bees while at the University of Munich. He showed that bees communicate by elaborate dancing movements of their bodies.

The importance of both instinctive and learned behavior to survival was demonstrated by Tinbergen, 66, a Dutch-born zoologist who has spent most of his career at Oxford.

The Vienna-born Lorenz is best known for his research on instinctive behavior among birds conducted at the Max Planck Institute for Behavioral Physiology in Seewiesen, West Germany.