

# **news** *THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS*

**southwestern medical school ■ graduate school of biomedical sciences ■ school of allied health sciences**

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DALLAS--Dr. Parkhurst Shore, professor of pharmacology at The University of Texas Health Science Center at Dallas, will take part May 20-26 in a worldwide gathering of medical scientists concerned with the role of chemical "messenger" substances in such malfunctions as Parkinson's Disease.

Dr. Shore will preside over one session of the Third International Catecholamine Symposium, to be held in Strasbourg, France. The session will deal with neural transmission involving areas of the brain that use dopamine, one of the body's natural neurotransmitters which are called catecholamines. Lack of dopamine is blamed for Parkinsonism, a disease causing palsy and impaired movement.

He also will deliver a research paper on the chemical function of the striatum, that area of the brain involved in the Parkinson syndrome. Following the symposium, Dr. Shore will visit research laboratories in Basel and Zurich, Switzerland.

Only in recent years have scientists begun to recognize the vital part dopamine and other neural messenger substances play in mental illness and neurologic diseases such as Parkinsonism. Best known of the catecholamines, which transmit neural messages to various parts of the body, is the hormone adrenalin.

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