

SOUTHWESTERN NEWS

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UT SOUTHWESTERN FACULTY RECEIVE HONORS

DALLAS – June 17, 1998 – Faculty members from UT Southwestern Medical Center at Dallas were recognized recently for outstanding achievement in their fields:

Dr. David Euhus, assistant professor of surgical oncology, received one of the four prestigious Career Development Awards given by the American Society of Clinical Oncology at a recent awards ceremony in Los Angeles.

Euhus, who is co-director of Southwestern Center for Breast Care's Mary L. Brown Breast Cancer Genetics and Risk Assessment Program, will receive funds for three years to develop new approaches to molecular risk analysis for breast cancer. He will look for a pattern of molecular changes -- genetic alterations -- that take place in chromosomes before invasive breast cancer develops.

Dr. Marc Mumby, professor of pharmacology at UT Southwestern Medical Center at Dallas, received the second annual grant from the Friends of the Alzheimer's Disease Center at UT Southwestern at the volunteer group's annual meeting.

The \$50,000 award will aid Mumby's studies into whether a certain chemical interaction, caused by the addition of an outside substance to the brains of mice that are bred to have similarities to persons with Alzheimer's disease, will lessen the amount of neuron, or brain, damage.

Two UT Southwestern researchers also were presented with the Ornish Award for Alzheimer's research, established by Natalie Ornish, who was a member of the governing board of the Friends' group. Recipients are **Dr. Eileen Bigio**, assistant professor of pathology; **Dr. Munro Cullum**, associate professor of psychology and neurology; and Mumby.

Bigio is investigating the mechanism by which a substance toxic to neurons in cell culture, beta amyloid, causes brain damage and whether its is a catalyst to further cell damage in the presence of another specific interaction. Cullum, a neuropsychologist, is comparing children of patients with Alzheimer's disease to control subjects who have no family history of the disease. He is using both neuropsychological and radiological testing.

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