

Dr. Eugene Braunwald receives \$157,721 National Heart Institute grant

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Treadmill running and bicycle riding--and the response of the heart to this exercise--will be aspects studied under a \$157,721 grant awarded UCSD School of Medicine by the National Heart Institute.

The grant went to Dr. Eugene Braunwald, professor and chairman of the Department of Medicine, for a five-year study at University Hospital entitled "Quantitative Analysis of Myocardial Function in Man."

Generally, Dr. Braunwald said, the award covers research "to find more accurate ways of measuring behavior of the diseased heart and how it responds to drugs and operations."

Much of the work will be researched in the cardiac catheterization laboratory to be completed Aug. 1 at University Hospital. The quarter-million dollar facility built by the University was one of the incentives for awarding of the NHI grant, Dr. Braunwald said, and illustrates how support of the state (for University- construction) begets federal and other supporting funds.

Dr. Braunwald will be associated in this research with Dr. John Ross Jr. and Dr. James H. Gault, faculty members of the Department of Medicine at University Hospital.

Awarding of the grant was announced by Dr. Jerome G. Green, associate director of extramural programs, NHI, Department of Health, Education and Welfare, Public Health Service.

Concurrently, the Department of Medicine announced receipt of a first year \$67,059 training grant from the Public Health Service to support three fellows in post-doctoral work in cardiology. Dr. Ross said the grant will enable the recipients to learn specialized clinical cardiology and laboratory research techniques as preparation for becoming teachers of cardiology, clinical cardiologists or investigators in this field.