

December 3, 1981

CONTACT: Susan Rutherford  
Office: 214/688-3404  
Home: 214/349-7820

# NEWS

The University of Texas Health Science Center at Dallas  
5323 Harry Hines Boulevard Dallas, Texas 75235 (214)688-3404

\*\*\*\*\*Medical students present their own original research to faculty and peers.

DALLAS--Research findings of eight Southwestern Medical School students will be presented before peers and professors at the 20th Medical Student Research Forum, 7 p.m., Tuesday, Dec. 8 on the UT Health Science Center campus.

The investigative work was selected from 28 abstracts submitted to a Faculty Senate selection committee. The eight were chosen for "originality of scientific thinking, significance of results and clarity of expression," according to faculty sponsor Dr. Rupert Billingham, professor and chairman of the Department of Cell Biology.

The forum "sharpens the intellect and teaches the students how to evaluate scientific evidence in a way that nothing else can," notes faculty member Dr. Jean Wilson.

Finalists who will be presenting their work include the following:

1. Philip M. Carpenter, M.S.I, Department of Microbiology, "The Effects of 6-Thioguanine on Vaccinia Virus Replication."
2. Tandy Freeman, M.S. II, Department of Cell Biology, "Acute Low Dose Ultraviolet Irradiation Impairs Local, but not Systemic, Induction of Cell Mediated Immunity."
3. Bruce Gammon, M.S. II, Departments of Neurology and Biochemistry, "Construction of Cloned Libraries from Neonatal Rat Brain Messenger RNAs."
4. G. Marc Jackson, M.S. I, Department of Pediatrics, "Estradiol-17B (E2) Induced Vascular Refractoriness to the Pressor Effects of Angiotensin II (AII)."
5. John S. Nichols, M.S. II, Department of Surgery, "Brain Elasticity and CSF Dynamics in Pseudotumor Cerebri: An Accute Canine Model."
6. Kevin J. Petty, M.S.T.P. IV, Department of Internal Medicine, "Effect of Aldosterone on Na-K ATPase Activity in the Renal Cortical Collecting Tubule."
7. W. Scott Walker, M.S. II, Department of Internal Medicine, "Oral Verapamil for Paroxysmal Supraventricular Tachycardia: A Long-Term, Double-Blind, Randomized Trial."
8. Marshall P. Welch, M.S. III, Department of Internal Medicine, "Adenosine Triphosphate-Induced Release of Mediators from Human Cutaneous Mast Cells."

Dr. Dan Foster, professor of Internal Medicine, will deliver a keynote address following the student presentations. The research forum is being sponsored by Xi of Phi Chi Benefit Association, Majors Scientific Books, Inc. and The Morgan-Good Foundation.

##

DISTRIBUTION: AA, AB, SC