

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--Six student finalists will present results of their scientific studies during UTSWMS' eleventh annual Student Research Forum Thursday evening (April 26), in the Skillern Student Union.

Selected to make the presentations, beginning at 7 p.m., are Richard Burgess, James F. Dunn, E. Clinton Lawrence, Donald M. Mock, Fred I. Polsky and Jon C. Ransom. The finalists were chosen by the Faculty Senate from 21 entrants.

Author of the abstract rated as best by a committee of department chairmen will receive a plaque. The winner and the five other finalists all will receive \$100 cash prizes and \$25 gift certificates from Majors' Book Store, co-sponsors of the forum with the Student American Medical Association.

Guest lecturer at the program will be Dr. Kurt Benirschke, professor of reproductive biology at the University of California, San Diego. His topic will be "How Do Chromosomal Rearrangements in Man Relate to Evolution?"

A reception will follow presentation of the awards.

Presiding at the forum will be Fred Polsky, chairman of the research forum committee. Other committee members are Fred Griffin, Mary Milam and Dow Harvey. Dr. John Fordtran, professor of internal medicine, is faculty sponsor. Host for Dr. Benirschke during his campus stay will be Dr. Paul MacDonald, professor and chairman of Obstetrics & Gynecology.

Topics of the abstracts chosen for presentation and their authors are:

"A Comparison of Inhibitory Antibodies From Rabbit Serum to NADPH-Cytochrome c Reductase Antigens Purified From Pig and Rat Liver Microsomes"--Richard Burgess, Department of Biochemistry.

"Studies on the Pathogenesis of Androgen Resistance in the Mouse With Testicular Feminization (Tfm)"--James F. Dunn, Department of Internal Medicine.

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"Idiopathic Hypercalciuria: Enhanced G-I Absorption of Calcium"--
E. Clinton Lawrence, Department of Internal Medicine.

"A Kinetic Model for the Hydroxylation of Camphor by Cytochrome P450
From Pseudomonas putida"--Donald M. Mock, Department of Biochemistry.

"Feedback Control of Cholesterol Synthesis in Circulating Granulocytes
and Deletion of Feedback Control in a Granulocytic Leukemia"--Fred I. Polsky,
Department of Internal Medicine.

"Antigen-Induced Arthritis: Presence of Immunoglobulin and Specific
Antibody in Joint Collagenous Tissues"--Jon C. Ransom, Department of Internal
Medicine.

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