News
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DALLAS--Ray DuBois, graduate student in the department of biochemistry at The University of Texas Health Science Center at Dallas, has been awarded an American Liver Foundation fellowship. The pre-doctoral candidate's project was "Translation of cytochrome P-450 directed by total liver RNA as a function of time following administration phenobarbital to rats."

DuBois is one of eight named in the second annual American Liver Foundation fellowships competition. He explains that his work is aimed at understanding how phenobarbital induces drug-metabolizing enzymes in the liver. "It is important to know how drugs change enzyme concentrations in order to determine what effect combinations of drugs may have on the human liver."

DuBois' preceptor is Dr. Michael Waterman, associate professor of biochemistry. Dr. Ron Estabrook is chairman of the department of biochemistry.

Other ALF fellowships were awarded to the following students:

Bruce A. Luxton, Iowa, "Study of taurocholate transport;" Raymond Kacich, University of California at San Francisco, "The role of microtubules and microfilaments in biliary protein secretion;" and Yisrael Isaacson, Einstein, "Role of superoxide anion in liver cell injury produced by drugs and chemicals."

Also, Vaneen R. Wong, Stanford, "To compare binding of chylomicron remnants to plasma membranes prepared from normal liver and hepatomas;" Patricia Young-Beyer, University of California at San Diego, "Role of the four major non-parenchymal sinusoidal cells in the regulation of liver cholesterol synthesis and cellular cholesterol;" Robert A. Martin, Pennsylvania, "Effect of taurocholate on the secretion of unconjugated bilirubin in mice with hereditary anemia and calcium bilirubinate gallstones;" and Timothy Gorski, Wisconsin, "Derangement in hepatic cholesterol and bile acid synthesis in streptozotocin induced diabetes."

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