



2007

## Research and Creative Achievement (2007)

Benjamin Blalock

Beauvais Lyons

Naima Moustaid-Moussa

Xuemin Xu

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## Research and Creative Achievement

Dr. Benjamin Blalock is an associate professor of electrical and computer engineering. He focuses his research on analog electronics—an area of special importance to local companies, national industry, and federal agencies, proven by his \$2 million in active research collaborations and contracts. Since coming to UT in 2001, Dr. Blalock has co-authored nearly 80 journals and conference papers and currently has seven active research projects. In addition to this work, he remains a dedicated teacher, recently receiving the Outstanding Teacher Award from Eta Kappa Nu, the electrical engineering honor society.

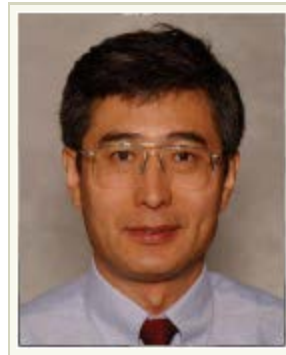


Dr. Beauvais Lyons, professor of art, directs the graduate program in printmaking and has led the program to a number-three ranking by *U.S. News & World Report*. An active leader in his field, his one-person exhibitions have been presented in more than 45 galleries and museums, and his current touring exhibition has bookings through 2008. Dr. Lyons's work is on display in the Whitney Museum of American Art, the Philadelphia Museum of Art, and the Smithsonian Museum of American Art. He also has presented more than 80 public lectures and workshops throughout the

country.

Dr. Naima Moustaid-Moussa, professor of nutrition, focuses her research on a timely and critical area of research: how fat tissue contributes to obesity and associated co-morbid conditions such as diabetes and hypertension. Her work is directly targeting the cellular and molecular mechanisms underlying obesity and has

been funded externally by leaders in the field, including the American Diabetes Association, the United States Department of Agriculture, the American Heart Association, and the National Institutes of Health.



Dr. Xuemin Xu is an associate professor of pathobiology in the College of Veterinary Medicine. His work has fundamentally challenged the accepted dogma of Alzheimer's disease and may lead to specific targets for treatment and prevention of this debilitating disease. His research focus is on molecular mechanisms of intracellular signaling, and his work has been proven by a priority score in the top 5 percentile on his latest grant submission to the National Institutes of Health and a recent appointment to an NIH Study Section Scientific Review Panel.

