National Guard Tours NCTR
By Billie Minton

On September 17 and 18, the NCTR and Arkansas Regional Laboratories (ARL) welcomed the 3rd Platoon Chemical Site Defensive Force (CSDF) of the Oklahoma Army National Guard for a tour to learn about the FDA and its mission to protect our nation’s health. On the walking tour, NCTR investigators talked to them about the history of NCTR, primate studies, phototoxicology research, and Fresh Quality Indicator (FQI) technology. The Acting Director of the ARL completed the tour with a walk-through of the ARL microbiological and chemistry mass spectrometry operations. The CSDF was activated in May 2003, and assigned to the Pine Bluff Arsenal for one year to carry out Homeland Security responsibilities.

Arkansas Branch of AALAS Meets at NCTR

The Arkansas Branch of AALAS (American Association for Laboratory Animal Science) met July 26 at NCTR. The Arkansas branch became affiliated with the National organization in 1970 with a purpose to “…act as an information and education source concerning the responsible care and use of laboratory animals…” Staffs at local universities and commercial research laboratories, as well as the NCTR, comprise its membership. Dr. Ann Turner, the Executive Director, and Dr. Chip Price, the Vice-President elect, represented the National AALAS organization. Dr. Turner updated the seventy-six attendees on “AALAS at Work.”

Martin Nichols, the President of the Arkansas branch, hosted an awards presentation in which NCTR staff received the “Technician of the Year Award,” the “Harvey Kalbach Award” for professional excellence in the field of laboratory animal management, and the 1st, 2nd, and 3rd place poster awards.

Willard’s Dog Days of Summer Race
By Fred Beland, Ph.D.

For the eighth consecutive year, NCTR has served as host to Willard’s Dog Days of Summer Criterium Series, a set of bicycle races held weekly during July and August. More than 75 riders, including riders from Arkansas, Tennessee, Texas, and Kansas participated in two races each evening. The riders considered NCTR an ideal location due to its restricted car and pedestrian traffic, and the smooth road surface that allowed speeds in excess of 40 mph to be obtained. Donnie Van Patter, who rides for a local team (CARVE), was the overall winner, while his teammate Greg Eberdt was second. Peter Beland, who is sponsored by a Colorado-based team (Schwab Cycles), was third. In the preliminary event, Jason Polanski, who races for the California-based team Ranchos, was first and Meghan Specht was the overall women’s winner.

NCTR Scientist Named Distinguished Alumni

Dr. Ralph L. Kodell, Director of NCTR’s Division of Biometry and Risk Assessment, was recently inducted into the Academy of Distinguished Graduates of Texas A&M University’s College of Science in recognition of his outstanding leadership in mathematics and the sciences.

Dr. Kodell was recognized as a leading researcher on statistical methods for toxicology and as an expert in using statistics to assess health risks, having developed statistical testing procedures used in the pharmaceutical industry for carcinogenicity assessment, and statistical estimation procedures that provide the basis for cancer risk estimates used by the FDA and EPA.
Recent Publications

NCTR conducts research designed to protect the public’s health. Results from some of these research projects have recently been accepted for publication in nationally recognized scientific journals.

Regulatory Research Perspectives: Impact on Public Health, an on-line newsletter that provides a vehicle for FDA scientists to communicate important scientific information, is available at http://www.fda.gov/nctr/science/journals/Default.htm.

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Ferguson, S.A., Developmental Treatment with Difluoromethylornithine (DFMO) has Few Effects on Behavior or Body Weight in Sprague-Dawley Rats, Journal Neurotoxicology and Teratology

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Leakey, J.E., Toxicokinetics of Chloral Hydrate in ad libitum-fed, Dietary-controlled and Calorically Restricted Male B6C3F1 Mice Following Short-Term Exposure Using Idealized Body Weight Curves that are Normalized by Modulation of Caloric Intake, Toxicology and Applied Pharmacology

Lopachin, R.M., Application of Proteomics to the Study of Molecular Mechanisms in Neurotoxicology, NeuroToxicology

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Moon, H., Bootstrap Adjustment of Asymptotic Normal Tests for Animal Carcinogenicity Data, Proceedings of the Biometrics Section, American Statistical Association

Nawaz, M.S., Detection of gaIE gene by Polymerase Chain Reaction in Campylobacters, Molecular Cellular Probes

Rafii, F., Mechanism of Metronidazole-resistance in Isolates of Nitroreductase-producing Enterococcus gallinarum and E. casseliflavus from the Human Intestinal Tract, FEMS Microbiology Letters

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