



Driver, Spare that Deer!

By Jo Abbott

Best estimates place the U.S. deer population at 13 million animals. Nationwide, more than 100,000 of these are reported killed by motor vehicles each year. In that same year, more than 10,000 Americans are injured and 120 killed in collisions with deer. Most of the hits take place in late fall and early winter when the deer are mating and changing foraging habits.

When we realize that, at Fermilab in 1987, 15 deer-vs.-vehicle incidents have been reported (12 of the 15 occurred during November and December), we ask the obvious question, "What is being done to prevent these accidents?"

Rudy Dorner, Coordinator of Emergency Services, has researched the problem and suggests a pair of small, whistle-like devices that have been successfully used by state and local law enforcement agencies, hazardous cargo carriers, corporate fleets (Firestone, Ford, GM) and utility companies. Fermilab Security vehicles used these devices up until last year. He is planning on having them reinstalled on the new vehicles. The device, which is easily mounted on the bumper of a car, truck, or motorcycle, emits an ultrasonic signal. The signal is capable of projecting up to 1/4 mile away. A limitation, however, is that the vehicle must be traveling at 30 mph or more.

The National Safety Council has reviewed the device and states that if you travel through "deer country" you may want to consider installing the device, but that even if you do, you should still follow these rules to prevent deer-car accidents.

1. If you see a deer-warning sign, be alert. Keep your speed down for a while and don't expect deer to obligingly cross at the sign!

2. In the evening, be on the lookout for bright, reflective eyes. Be aware of the traffic around you in case you have to make a sudden stop.

Continued on page 3

Medical Office Will No Longer Offer Pre-Marital Blood Testing

Because pre-marital blood examinations now require testing for the AIDS virus, the Medical Office will no longer provide pre-marital blood testing services to employees as had been done in the past.

Employees should consult their own physician for these services. Off-Site laboratories will perform these tests if referred by one's personal physician. Call DAMON LAB 1-800-972-3507 or the Medical Office, ext. 3232 for Anchor Drop-off Sites where tests will be done after referral by a personal physician.

The DuPage Health Department will also perform the test for the AIDS virus without taking the patient's name, and the results will be given only to the patient. Such results would not be usable for the pre-marital testing requirements.

Scholarship Applications Due

Candidates for Universities Research Association, Inc., (URA) scholarships are reminded that applications are due March 1st. Applications are available from and should be returned to Personnel Services, MS 113, ext. 4367.

Scholarships are awarded on the basis of ACT (American College Testing) scores. URA awards a number of scholarships to full-time Fermilab employees' children who are currently high-school seniors and who will begin a four-year college degree program next fall. The maximum amount of the scholarship is \$3000 for tuition and fees, and it is renewable for four years if the student progresses in good academic standing. Applicants will be notified regarding the scholarships in early April.

FermiNews Classified Ads appear on pages 3 and 4 of this issue, and a *FermiNews* publication schedule for February through April is on page 4.

'Wellness Works' News



Breast Cancer and Osteoporosis

The Wellness Works Committee is pleased to announce a program that we feel is very important to the continuing good health of our female employees and spouses of our male employees. The program includes mammography screening for the early detection of breast cancer and osteoporosis screening.

We have made arrangements for a mobile unit to come to the Laboratory and do the mammography and osteoporosis screenings at very competitive prices. The 35-ft mobile unit uses state-of-the-art equipment and an all-female staff. All results will be sent to your own doctor if you so elect.

The mobile unit will be located in the parking lot on the west side of Wilson Hall on Monday, February 1, 1988, and Tuesday, February 2, 1988, between the hours of 8:00 a.m. and 5:30 p.m.

Pre-registration is required. Schedule your appointment by calling 1-800-666-6550. Diagnostic Services, Inc., is scheduling the appointments and can answer any questions that you may have.

You can elect to take one or both exams. The mammogram screening alone is \$60.00 and includes the radiologist's interpretation. The osteoporosis screening alone is \$60.00. You can have both exams for \$100.00. The fee is payable on the day of your appointment (cash, check, American Express, Visa or Master Card).

Retirees, disabled employees, and their spouses are also invited to participate in the program.

We hope that the convenience, comfort, and low cost of this program will encourage your participation.

Wellness Program

The next presentation from the Wellness Works committee will cover the topic of osteoporosis and is scheduled for Tuesday, February 16th, from 12:00 noon to 1:00 p.m. in 1 West. The concerns and strategy for preventing bone loss and weakness as we age will be covered. This is a free presentation and is given by Maxicare Health Education.

Pre-registration is required and can be done by contacting Dotti, ext. 4367. - Dottie Swanson

In the Library

Video tapes of the Federal Conference on Commercial Applications of Superconductivity, "Superconductivity: Challenge for the Future," held in Washington, D. C., in July 1986, are available in the Library's Audio/Visual Room, WH3. Please ask Library staff for assistance.

The Library has a selection of federal tax forms and schedules. See Library staff - Tax forms, yes; tax advice, no!
- Paula Garrett

The Activities Office.

"Press Your Best" Contest



The first Fermilab "Press Your Best" contest was held November 4, 1987, at the Recreation Facility. Five contestants participated in this challenge of strength. There were two medals awarded. The winner for the "Best Weight" pressed was Ed Hagler from the machine shop, pressing 275 lbs. The prize for "Best Percentage of Body Weight" pressed went to Bert Gonzales of CDF, weighing in at 142 lbs and pressing 260 lbs. We had one female contestant, Mary Beth Strasser. We applaud Mary Beth for her sportsmanship, competing along with the men. She did extremely well pressing past her immediate goal. We also wish to thank the many spectators for joining us. Because of the success and enthusiasm expressed, watch for the Second Annual Fermilab "Press Your Best" contest to be announced.

Exercise

Exercise video tapes will be made available to gym members. These can be obtained during normal work hours at the Recreation Office. We hope this will help keep our members motivated between regularly scheduled aerobics classes. For more information, or if you are interested in exercising with a group, call Jean Guyer, ext. 3126.

Racquetball and Squash

Anyone interested in signing up for a racquetball or squash tournament call Jean on ext. 3126.

Cross-Country Ski Trail

To those of you who don't know, Fermilab has a cross-country ski trail located on site. Maps of this trail are available through the Recreation Office, MS 125, ext. 3126.
- Jean Guyer

("Deer" continued from front page)

3. Deer tend to travel in groups, so if you see one, expect another. If a deer is on the road, do not try to drive around it; it may suddenly dodge in front of you. Don't ever assume that the animal will get out of your way. Flick your lights from bright to dim and try tapping your horn well in advance.

4. Finally, if you do hit a deer, try to get your car off the road; use your emergency flashers (and flares if you have them) to warn drivers approaching the scene. Contact the local police, or if on site, contact Security.

By exercising this attitude of caution, we are protecting people and recognizing the value of the wildlife gracing our site.

More information regarding the alert devices can be obtained from the Business Services Safety Office or the Emergency Services Office.

Summer Housing Reminder

The deadline for receipt of reservations for summer on-site housing is March 3, 1988. Housing assignments will be made in April, and responses will be mailed out by April 11, 1988. The starting date for summer occupancy is June 1, 1988. For further information, please contact the Housing Office on ext. 3777 or VAX mail FNAL::HOUSING.

Barnstormers, Start Your Darts

The Fermilab Barnstormers will host their annual Delta Dart Contest at the Users Center on Wednesday night, February 10, 1988, at 6:00 p.m. Everyone is invited. A Delta Dart is a small rubber-band-powered airplane constructed of balsa wood and tissue paper. You can build one of these airplanes in about half an hour and fly it indoors that evening in the Village Barn for fun and prizes. No experience is necessary to build and fly your own creation since you will be guided through every step of the construction and given some special tips for efficient flying. The entry fee is \$2.00. The kit and glue are included in the entry fee. A junior-class contest will be held, so bring the kids. A raffle for a radio-controlled plane kit will also be held. Guaranteed fun for all! For more info, call Glen Mayer, exts. 3962 or 4726.

Online TECHPUBS Lists Available

Due to popular demand and muttered threats, a complete catalogue of Fermilab technical publications (preprints, FN's, and TM's) is now online on the Central Facilities VAX Cluster.

VAX users can search the TECHPUBS publications lists using any of a number of qualifiers, such as author(s), key word in title, etc., and results of database searches can be sent to print.

In addition to the categories of publications noted above, Fermilab preprints can be divided into experimental physics, theoretical physics, and theoretical astrophysics subcategories.

The lists will be updated ~monthly.

Copies of the publications themselves are available from the Publications Office, MS 107, WH3E, ext. 3278, or FNAL::FENNER.

For a complete rundown on TECHPUBS, see the Computing Department publication PU0001, "TECHPUBS - An On-Line Fermilab PublicationList," by L. Loebel of the Applications Group, or HELP TECHPUBS on the VAX Cluster.

- R. Fenner

FermiNews Cla\$\$ified Ad\$

1/29/88

FOR SALE

Motorized Vehicles:

1949 PACKARD. Four-door sedan, series 23. Call ext. 3555 or 897-2446, ask for Gene.

1965 PONTIAC. 2+2 convertible, 421, 4 bbl, auto, 64K original miles. Asking \$2800. Call TJ., ext. 4777. 1966 CHEVY IMPALA. New V8, dependable. \$500. Call Craig at ext. 3677.

1981 AMC EAGLE HATCHBACK. Four-wheel drive, bronze, no rust, tilt-wheel, 48,000 miles. \$2250 o.b.o. Call ext. 4228.

1986 CHEVETTE. Four-door hatchback, a/c, auto. trans. AM/FM, 20,000 miles. Call ext. 3623 or 232-8960.

Continued on page 4

Miscellaneous:

WATERBED. Queen size w/padded rails. Comes with water heater and drain/fill hose. Asking \$110 or best offer for all. Call Ron at ext. 4070.

CONN "DIRECTOR" TROMBONE. A beginner's horn that has seen much use: \$50. SELMER "SIGNET" TROMBONE, a good-quality silver trombone: \$200. Call Bob Trendler at ext. 3084.

ARGUS 300 SLIDE PROJECTOR AND 40-in. x 40-in. RADIANT SCREEN. Both in excellent condition. \$65 takes both. SEARS KENMORE SEWING MACHINE, model 32, zig-zag, cabinet style (cabinet not included). Excellent condition. \$70. MAN'S 10-SPEED BIKE: \$40. Call Jim Tween at ext. 2263 or, after 5:00 p.m., 584-6698.

IBM AT SYSTEM. Model 099 (OS/2 compatible), 6MHz 80286, 512k, 20 Meg. hard drive, 1.2 Meg. 5.25" floppy drive, IBM enhanced color graphics display and adapter, IBM Proprinter and adapter. ("Like new," will pay for any equipment failure up to one month from sale.) List \$5347, sell \$2400. DOS 3.1, PDS DATA EDITION V1, PDS REPORTS+, DISPLAY WRITE 3, list \$740, sell \$450. All of the above \$2750. Call ext. 3769 or 879-6355

REAL ESTATE:

HOUSE FOR RENT. Located in downtown Naperville, four bedrooms, two baths, fully furnished and equipped. May be shared by two couples. Ideal for visiting experimenter's family. Call 355-8279, afternoons or evenings. Reasonable.

- from *Harper's Index*

Rank of *Sports Illustrated* swimsuit issue among the items most often stolen from U. S. libraries: **1**

Rank of entertainment, among all U. S. industries, in export earnings: **2**

Percentage of women in two-income families who say they "almost always" prepare tax returns: **29**

Percentage of men in two-income families who say they "almost always" wash the dishes: **6**

Number of Americans who had liposuction performed on their thighs in 1986: **30,800**

Number of Iranian tanks that Iraq has captured and sold back to Iran: **150**

Number of workdays lost each year because of headaches: **157,000,000**

Pounds of tranquilizers produced in the United States each year: **660,000**

Percentage of recruited athletes at Division I NCAA universities who graduate: **67**

Percentage of all students at those universities who graduate: **59**

Maximum amount of time (in minutes) women say they want to spend cooking a meal: **30**

Maximum amount of time men say they want to spend cooking a meal: **15**

Percentage of telephones that are in the kitchen: **31**

Percentage of waterbeds that are in California: **13**

Hand-carved marble columns in the living room of Donald Trump's Trump Tower triplex: **29**

Cars abandoned on New York City streets last year: **116,765**

Average number of waking hours a two-income American couple spends together each weekday: **3.2**

Amount that Bryan Miller, the *New York Times* food critic, spends on restaurant meals each year: **\$80,000**

And in SSC-related news:

Tons of earth that will be moved to build the tunnel under the English Channel: **7,500,000**

Tons of earth that groundhogs in New York State move each year while tunneling: **1,600,000**

FermiNews Publication Schedule

February 12

February 26 (Classified ad\$ deadline: February 23)

March 11

March 25 (Classified ad\$ deadline: March 22)

April 8

April 22 (Classified ad\$ deadline: April 19)

FermiNews is published by the Fermilab Publications Office, P.O. Box 500, Batavia, IL, 60510 (312) 840-3278

Editor: R. Fenner Editorial Assist.: C. Kania
Fermilab is operated by Universities Research Association, Inc., under contract with the United States Department of Energy.