

Open house set at Mead Field Lab



Director Herb Karloff holds one of more than 12,000 animals the Eppley Institute maintains for cancer research.

Thousands of persons are expected to attend the University of Nebraska Field Laboratory's 10th anniversary commemoration Thursday at Mead.

The event is being observed in conjunction with the 21st annual Tractor Power and Safety Day, so the entire field laboratory will be open to visitors.

One of the newest additions to the experiment station is the Behlen Astronomy laboratory with a 30-inch telescope. The University physics department officially will dedicate the observatory next spring.

Visitors also will see the horticulture and forestry department's extensive plantings of chrysanthemums and wild flowers and 902 varieties of roses.

The Mead experiment station also has research facilities of the University's Medical College and the Eugene C. Eppley Institute for Research in Cancer and Allied Diseases. Eppley Institute researchers experiment on rabbits, mice, rats and hamsters to find a cure for cancer.

New agricultural installations on the 9,500 acre tract include a beef confinement unit, in which 200 experimental animals have been confined since the first week of June for a study of the effects of a modified environment versus open lot.

A new animal science feed mill and a new seed processing center also have been added.

Some of the programs underway at the Field Laboratory include:

- Plant breeding and improvement work on corn, alfalfa, clover, sorghum, perennial grasses, soybeans, wheat and small grains.
- Pasture management.
- Dairy production, nutrition and management.
- Beef cattle management, nutrition and reproduction.
- Swine and sheep breeding, nutrition and management.
- Irrigation research.
- Entomological studies of the biology, life history, ecology, economic damage and control of insects affecting crops.
- Veterinary science studies of animal diseases and fly control.
- Chemical research of feedlot waste disposal and water pollution.

The Tractor Power and Safety Day exhibits at Mead will feature tractor design improvements to save lives.

Demonstrations and discussions presented by the agricultural engineering department will include fire fighting methods and other features for farmers and homemakers.

Animals suspected of being rabid should be submitted to the State Public Health Laboratory in the Capitol Building for the Veterinary Diagnostic Laboratory, UNL East Campus.

Since incubation time of the rabies varies widely in wild animals, they should be taken immediately to a laboratory for diagnosis. Rubber gloves should be worn when handling them.

If at all possible, capture the animal alive. If the animal must be shot, avoid hitting it in the head.

A dog that has bitten a person should be confined in a pound for 10 days. If signs of rabies have not developed by then, it may be assumed that the rabies virus could not have been in the dog's saliva at the time of the bite.

Many other needless vaccinations result when the suspected animal is shot in the head, destroying the brain, which is needed for a laboratory diagnosis of rabies, he explained.

Hogg recommended these procedures in case of animal bites:

Persons. Those exposed to rabies must submit to a series of 14 immunization vaccinations, and every year, about 30,000 persons undergo the daily series.

But many must do so simply because the animal bit them and was not available to test for rabies.

A physician only can assume that the animal was rabid and must recommend that immunization be carried out, the veterinarian said.

During the past five years, the greatest incidence of rabies has been found in skunks, cattle, cats and dogs, in that order. It even has been detected in bats, Hogg said.

In the last 10 years, the infectious disease has killed 23



Hundreds of varieties of roses are grown at the Field Lab. Efforts are being made to develop a "Nebraska" rose, one best suited to the state's changeable climate.



Milk production research is conducted by the department of animal science. The milk is sold to local cooperatives.

Photos by Karen Steinbruegge NU School of Journalism

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Poli Sci interns work in capitol, political offices

Learning about government and politics by working in the statehouse or the state headquarters of a political party isn't quite the same as learning about government and politics in a political science class.

But in the past two years, 28 political science students have had the opportunity to do both through the political science department's intern program.

Dr. Carroll McKibbin, department chairman, said the program was started to provide "exposure to the practical sides of government."

Both kinds of interns, those assigned to state agencies and those assigned to political parties, receive three hours independent study credit for their practical experience and additional readings and research, McKibbin said.

But the internships also provide part-time employment. State government interns are paid \$600 for a semester of half-time work. State party interns work one-sixth time for \$200.

Assignments for the interns have varied.

"One intern with the Democratic Party did an analysis of the impact that lowering the voting age would have on the chances of the Democrats carrying the first congressional district," McKibbin said. The study showed that the high student population in the first district potentially could have considerable effect, he said.

"The Republicans usually have the interns keep a scrapbook . . . of the Democrats," McKibbin said.

Other political party headquarters interns have written press releases, indexed a book on Democratic Party history, done routine research, worked in various candidate

headquarters during elections, attended fund-raising dinners and county political meetings.

"With the presidential election coming up this fall, our two interns with the political parties should be in for some interesting activity," McKibbin said.

State government interns have worked in the budget department, the Technical Assistance Agency, the Office of Economic Development, personnel and the League of Municipalities.

McKibbin said the problem with placing statehouse interns is finding state agencies with the money to pay them.

"Most of the kids we've placed with state agencies are highly competent and have expressed an interest in a career in state government," McKibbin said.

Most departments have assigned interns to "single-shot tasks" that would take time out of the regular routine for the other employees in the department, he said.

Two interns in the Office of Economic Development compiled a book of information on operations of various departments of state government.

But a number of students have complained of being bored, McKibbin said. "Still, you can learn more than you think just by being there to absorb the operations of state government," he said.

Only one former intern now works for the state, but others have turned down job offers to attend graduate school or law school, McKibbin said.

The political science internships are part of a "trend toward more involvement in off-campus things, more kinds of practical experiences," McKibbin said.

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Dog owners reminded . . . Law requires rabies shots

Compliance by dog-owners with Nebraska's vaccination law can help reduce the incidence of rabies, according to a University of Nebraska-Lincoln (UNL) Extension veterinarian.

Dogs are not the leading rabies carrier, but rabies controlled through them could result in fewer rabies cases, veterinarian Dr. Alex Hogg said.

A 1970 state law requires vaccination of every dog four months old or older and the vaccination within 30 days of such dogs moved into Nebraska.

During the past five years, the greatest incidence of rabies has been found in skunks, cattle, cats and dogs, in that order. It even has been detected in bats, Hogg said.

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Places to visit

SKY SHOWS

The Ralph Mueller Planetarium at the University of Nebraska State Museum features "The Ice Age Astronomer." The sky shows are presented at 2:45 p.m. Monday through Friday and at 2:30 and 3:45 p.m. Saturday, Sunday and holidays. Groups of 10 or more may make arrangements for special showings.

LIBRARIES

Major library units include Low Library, Law Library, Undergraduate Library at Nebraska

Editor . . . Mary Kay Quinlan Business Manager Mary Dornbach

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ART GALLERY

Sheldon Memorial Art Gallery and Sculpture Garden, 12th and R Streets, exhibits a permanent collection and periodic special showings. Summer gallery hours: 10 a.m. to 5 p.m. Tuesday through Saturday; 2 to 5 p.m. Sunday; closed Monday and holidays.

STATE MUSEUM

The University of Nebraska State Museum, 14th and U Streets, features audio tours of exhibits, Hall of Elephants, Hall of Nebraska Wildlife, Hall of Man, Health Science Galleries. Museum hours: 8 a.m. to 5 p.m. Monday through Saturday; 1:30 to 5 p.m. Sunday and holidays.

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