

Female advance in ag. slow

By PATTI CAPARELLA
Collegian Staff Writer

At the Farmers High School in 1859, not one of the schools 69 science and practical agriculture students was female.

Although the Farmers High School went on to become more than just an agricultural school — it became the Pennsylvania State University — its College of Agriculture was still a major area of study.

Since then, more and more women have enrolled in the University's agriculture program. In 1968, 50 women enrolled in the University's College of Agriculture and in 1984, 469 women studied agriculture.

The University's peak year for female agriculture majors was 1978, when 899 women were in the major. Since then, the number of women studying agriculture has decreased, partially because of a University-wide decrease in student enrollment, said Carolyn Sachs, assistant professor of rural sociology.

"In the College of Agriculture, the number of women on the faculty has increased; however, there are still not enough women in the faculty to be role models for the female students," Sachs said.

"We did a study about three years ago of women studying agriculture and whether or not they were encouraged or discouraged to continue with their major," Sachs said. "Many of them gave accounts of being discouraged."

"There's no doubt that there are obstacles women must overcome," Sachs added.

However, Dorothy Blair, assistant professor of nutrition and agriculture, said that at the University, women agriculture students get a hands-on experience, including driving tractors, farming on the University farm and using regular farm equipment as tools.

"Women are not equally dispersed among all of the majors in the college. The animal bioscience, animal production, environmental resource management, agriculture business management, and horticulture majors are most popular with women students. However, almost no women are agronomy or forest product majors."

Animal research: Project suspended amid abuse charges by activists

By WILLIAM KRONHOLM
Associated Press Writer

WASHINGTON — A medical research project that inflicted head injuries on laboratory baboons was suspended by the government yesterday after a preliminary investigation showed mistreatment of the animals.

Margaret M. Heckler, secretary of health and human services, ordered the project stopped after receiving a report from the National Institutes of Health indicating "material failure to comply" with guidelines requiring humane treatment of laboratory animals.

Animal rights activists, who had occupied offices at NIH for four days in a protest of the research project, hailed the decision as a victory and urged that the project be suspended.

"This is a tremendous victory for which we thank Secretary Heckler," said Alex Pacheco, chairman of the People for Ethical Treatment of Animals. "It is the first of many steps that must be taken to stop the hideous abuses of feeling animals that go on in federally funded laboratories."

Heckler's statement did not mention the four-day protest at NIH, but did note that "serious concerns" have been raised about animal treatment at the University of Pennsylvania head injury clinical research center in Philadelphia.

She said an NIH investigative team gave her a preliminary report yesterday morning, and the university was being given a chance to respond.

"In the meantime, until all questions about the use of animals in these head injury experiments have been satisfactorily resolved, I have instructed NIH to suspend the project," she said.

pend the use of federal funds" for the project, she said. The Philadelphia project receives about \$1 million a year in federal money to research head injuries.

Dr. James B. Wyngaarden, director of the NIH, said the preliminary report "indicates material failure to comply with the Public Health Service policy for the care and use of laboratory animals."

He said areas of special concern include the supervision and training of laboratory personnel, the management of anesthesia and pain relievers for research animals and the adequacy of techniques that are supposed to ensure a sterile environment.

Wyngaarden also said the investigation included viewing more than 60 hours of videotapes of the experiments by government and outside experts.

Those videotapes are the subject of a grand jury investigation in Philadelphia because they were stolen from the lab in May 1984 by members of the Animal Liberation Front, a radical animal rights group.

The tapes show researchers using a device that flips the heads of baboons forward to inflict injuries similar to those suffered by humans in automobile accidents.

Evelyn Andrews, a spokeswoman for the university, said officials there had not yet seen the NIH report and therefore had no immediate comment on it.

University officials have said previously that the experiments comply with rules governing laboratory animals and are valuable in helping find treatments for human head injuries. They also have said their laboratory has been subject to repeated inspections, with no indications of problems.

The animal rights activists, in their victory statement, said the Philadelphia situation is not unique.

police log

- University Police Services said they apprehended two female individuals at the intersection of Pollock and Millfin roads Wednesday for possession of alcoholic beverages. Because the women were under 21 years-of-age, they were cited.
- Huenho Lee, 425 Waupelani Drive, reported the theft of his bicycle from the rack on the south side of Steidle Building sometime between May 21 and June 13. University police said. The bicycle was valued at \$130.
- Susan Polys, 232 E. Foster Ave., reported to University Police Services that her wallet and contents were stolen from the second floor of Pattee Library, Tuesday.

collegian notes

- The Maranatha Christian Student Fellowship will meet at 7 tonight in 323 HUB.
- The Free University is offering advanced Dungeons & Dragons at 7 p.m. tonight in 225 HUB.
- The Music Boosters of the State College Area School District will be sponsoring a used instrument sale in September. Anyone wanting to sell an instrument should call Joan Kovalchik at 238-6359.
- The Penn State Frisbee Club will have Frisbee practice and tutorial at 7 tonight on Old Main lawn.
- The movie "The Badlands" will be shown at 7 and 9 tonight in Eisenhower Auditorium.
- The Iranian Moslem Students Association will meet at 7 tonight in 307 HUB.
- "Pauline At The Beach" will be shown Saturday at 7 and 9 p.m. in 112 Kern.
- Black Moshannon State Park will hold the nature program "Bats of Pennsylvania" by University professor Jack Payne at 9 p.m.
- The Krishna Yoga Society is holding a Bhakti-yoga-Bhagavad-Gita Class and vegetarian feast at 6 p.m. tonight and Sunday at 103 E. Hamilton Ave.
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- "Godspell" will be shown at the Playhouse Theatre at 7:30 p.m. Sunday.

Crews continue to spray campus elms

University crews will continue pesticide spraying tonight through tomorrow night as workers from the Office of Physical Plant attempt to wipe out the population of bark beetles threatening to spread Dutch elm disease to campus elms.

Marcus Schneck, University assistant news bureau manager, said spraying will begin at 9 p.m. each night.

"The effort (began with spraying on the Mall and around Old Main Wednesday night) will move out around campus now," Schneck said. He said the area sprayed Wednesday night was sprayed again last night as an added precaution.

Schneck said signs will be posted during the day to warn people not to park their cars in the spraying areas because the pesticide, methoxychlor — can damage a car's finish.

"People should watch for the signs," he added.

Schneck said aerial spraying by helicopter, scheduled for 6 a.m. Tuesday, apply pesticide to campus and some areas of town.

"(The ground spraying on campus) is just an additional precaution," Schneck said.

University officials began this spraying campaign when they learned that five diseased American Elms cut down on campus this week were infested with bark beetles, which could spread Dutch elm disease to other elms in the area.

—by Nan Crystal Arns

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Japanese governor visits the University

By JEANETTE REBS
Collegian Staff Writer

The governor of Hokkaido, Japan spent Wednesday touring the University Material Research Laboratory, 45 part of a fact-finding tour of the United States to learn about high-level radioactive waste, a topic of controversy in Japan.

Through an interpreter, Gov. Tadahiro Yokomichi said that even though the country has had a nuclear power plant for 30 years, the issue of the handling and disposing of high level nuclear waste has become a matter of dispute only in the last three or four years.

Hokkaido, which covers 22 percent of the land area of Japan, is the prime candidate for the disposal site for high-level nuclear waste. The people of this region are questioning the maintenance of the nuclear waste, he said.

"(The concern) is because this is the first time (nuclear waste is an issue) for Japan and there are many unknowns," he said.

During his visit, Yokomichi will also be visiting the U.S. Geological Survey, the Department of Energy, the Environmental Protection Agency and the Nuclear Regulatory Commission.

"We came here to learn about the system of dealing with the high level waste, we wanted to know the present status of the research and where the research is heading in the future," he said.

During his U.S. tour, Yokomichi visited Washington state. He said that after visiting the national nuclear waste facility there, he noticed a

similarity between that state and Hokkaido. Just as Washington state is farthest away from the central government in Washington D.C., Hokkaido is the farthest region away from the Japanese central government. He pointed out that like the United States, Japan's proposed waste site will be located far away from the governmental headquarters.

He said he came to Penn State because of the worldwide reputations of researchers at the University including two material science professors, Della and Rustem Roy.

"None of (the Japanese) are really experts in this field and yet we are very curious and we came here to find out as much as we can, we are quite ambitious in that endeavor," he said.

Della Roy, said the University was one of the first higher educational institutes to research high-level radioactive waste 12 years ago, and is now renowned for this research.

"For several years now our University has been involved in nuclear waste management and investigating alternatives to nuclear waste forms, their characterizations and studying their stability," she said.

Turner trying to keep CBS takeover bid alive

WASHINGTON (AP) — Ted Turner, who wants to buy CBS, asked Congress on yesterday to defeat legislation he said would shield CBS from his takeover bid.

"I'd like it to be decided by the CBS shareholders," Turner said.

But CBS Chairman Thomas H. Wymann, also testifying, urged the bill's passage "to protect the fundamental interests of the American television viewing public."

The legislation, offered by Sen. Larry Pressler, R-S.D., would force the Federal Communications Commission to hold full-blown evidentiary hearings on Turner's unsolicited offer to buy CBS and any other hostile takeover attempt involving a network.

Current law leaves the FCC out of most network activities, and provides for the commission to consider only whether the transfer of individual stations is in the public interest.

Turner said if there were something wrong with his offer, he was sure the commission would uncover the problem during the normal course of action on the application.

Wymann conceded under questioning that it was probably the first time that CBS had ever supported legislation calling for additional regulation on the broadcast industry.

As he has in the past, the CBS chief said Turner Broadcasting System would not have the financial resources to run a national television network.

"I think the issue is relatively simple. The issue is whether the resultant enterprise would be financially strong enough to be competitive and offer the kinds of programming that have seemed important and do seem important, I think, to millions of people across the country," the CBS chairman said.

Current commission rules call for full-blown and potentially time-consuming evidentiary hearings, only if there are substantial or material questions of fact as to whether the license transfer would serve the public interest.

Turner's record and his financial plan for CBS, are being scrutinized now by the FCC staff.

Explosions kill two in Louisville plant

LOUISVILLE, Ky. (AP) — A 20,000-gallon storage tank at a chemical plant ignited and ruptured yesterday, setting off a series of explosions that killed two people and forced about 100 people to flee their homes, officials said.

The flames spread to three other tanks at the Borden Chemical plant, a subsidiary of Borden Inc., but firefighters extinguished them and no other tanks exploded.

Plant officials believe sparks from welding flew up and ignited the tank, which was filled with a phenol-formaldehyde resin, lifting it off a three-foot base, tipping it on its side and spilling the chemical.

The men who died and an injured

The Daily Collegian Friday, July 19, 1985-3

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