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William Lauer/Daily Nebraskan

Zheng Zhang demonstrates outside of the Nebraska Union June 5. Zhang and other UNL students were protesting the attacks on students occupying Tiananmen Square in Beijing, China.

China natives share viewpoints

By Chris Carroll
Editor
and Deanne Nelson
Senior Editor

University students in China began pouring into Beijing beginning in mid-May to occupy Tiananmen Square. The students were calling for the implementation of some form of democratic government in China.

According to the Associated Press, the 27th Army opened fire on

the students June 3 and 4 in an attempt to regain control of the city and square. U.S. intelligence estimates have put the Beijing death toll at 3,000.

At the invitation of the Daily Nebraskan, eight Chinese members of the university community shared their reactions to the uprising in Beijing.

Seven University of Nebraska-Lincoln students and one UNL faculty member said they were shocked when their government opened fire

on student demonstrators in Tiananmen Square.

The students and faculty member said they expected the government to regain control of Tiananmen Square, but not in such a brutal manner.

"We thought they would use tear gas or electric sticks," said Chaomei Lin, a graduate student in Agriculture Biochemistry. "We never thought they would shoot students, especially students."

For information on the student-
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Research is ongoing

NU was forerunner in ethanol research

Laura Smith
Staff Reporter

President Bush will make an announcement about ethanol research at a university that has been a forerunner in such research.

Bush is scheduled to make the announcement at the Bob Devaney Sports Center Tuesday afternoon. He also is scheduled to tour the University of Nebraska-Lincoln's Center for Engine Technology on East Campus.

UNL has played a major role in ethanol research, said L. Davis Clements, chairman of the Chemical Engineering Department. In fact, former UNL Professor of Chemical Engineering Bill Sheller was a major force in the beginning of ethanol re-

search.

"Bill Sheller gave the world the word gasahol," Clements said.

Today UNL professors focus on better ways to process ethanol, Clements said.

Chemical Engineering, Agriculture Engineering, Food Science and Technology, and the Institute of Agriculture are only some of the departments involved in ethanol research, Clements said.

When ethanol research began in the 1970's, UNL was one of the institutions participating in that research, Clements said.

Manufacturers use ethanol to produce fuel for cars and other products. Plants used to dehydrate the ethanol

produce ethylene, which can then be manipulated into polyethylene. Polyethylene is used in plastic products, such as shopping bags.

Clements said the purpose of

'Bill Sheller gave the world the word gasahol.'

--Clements

much of the research at UNL is to improve ethanol processing.

"Fermentation (of grain into ethanol) is good technology," he said.

The point of this research, Cle-

Tickets went fast

President to visit

By Chris Carroll
Editor
and Ryan Steeves
Senior Editor

The University of Nebraska-Lincoln requested 4,000 tickets to President George Bush's speech Tuesday at the Bob Devaney Sports Center and received 3,000, said Tom Krepel, assistant to the chancellor and director of University Relations.

Krepel said the majority of these tickets were distributed to university sub-units, such as the Nebraska Alumni Association, Central Administration and the University Foundation. The remaining tickets were earmarked for university employees.

Of the sub-units that received tickets, the Alumni Association got about 300, the Institute of Agriculture and Natural Resources received about 400, and the Central Administration received several hundred tickets, Krepel said.

Krepel selected which sub-units got tickets on the basis of those which could best distribute tickets to people throughout Nebraska, he said.

"I was selective to the extent that I wanted to give an opportunity to the residents of Nebraska," he said.

Students could have requested tickets Friday through the Sports Information Office, but Krepel said university employees were expected to call for these tickets.

"That was the idea behind it," he said.

Bryan Hill, president of the Association of Students of the University of Nebraska, said he made a request for 20 tickets. Hill said he made the request to the Chancellor's office the day Bush's visit was first announced. He said the chancellor's office approved his request.

"I was selective to the extent that I wanted to give an opportunity to the residents of Nebraska."

-- Krepel

Hill said he will distribute the tickets to student leaders and others who ask. Hill said that outside of ASUN members, only two acquaintances of his have stopped by the ASUN office with ticket requests.

Hill said he wasn't aware of strong student interest in the tickets.

"I think it is a great opportunity for students," he said. "Students should have had just as good an opportunity as others to go for it."

Orval Borgialli, administrative coordinator of the Sports Center, would not say how many tickets were available at the Sports Center Friday, but he said that from 80 to 85 percent were claimed by university employ-

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duce carbon dioxide by-products that manufacturers can use to produce marketable goods. These by-products can be used in packing or bottling plants.

Stillage, another by-product left from the fermentation process, also is useable, Clements said.

The stillage can be fed to salt water shrimp and then the shrimp can be made into tropical fish food, he said. The stillage also can be fed to cattle or used to make glue. The glue can then be applied to wood chips to make particle board.

Clements said that in the future, more work will be done with oil and wax from corn, soybeans, sorghum and rape seed to see the type of products that can be made from these substances.

ments said, is to increase the financial value of ethanol's base product. Corn is the base product most frequently used in Nebraska.

For example, Clements said, 100 pounds of fermented corn produces about 40 pounds of ethanol and is comparable to six gallons of gasoline. At \$1.50 per gallon, six gallons of ethanol is worth about \$9. Clements said the market price will vary each day.

Production costs of ethanol and gas are about even, he said. A gallon of ethanol sells for about the same price as a gallon of gasoline, he added.

One way the university is improving ethanol processing, Clements said, is by improving the dehydration process. Ethanol processing can pro-