ENTIRE LIFE IS STERILE-

Germ-Free Calf Research On Display The 1964 public exhibition of works by the University's Might Bring Cancer Cure

The new baby animal be-

er see the outdoors, green that pinkeye may cause cangrass, or another animal. It cer eye. will never contact a germ—
unless by the will of man.

Cancer eye is common the same type of ailment that caused the death of President caused the death of President that caused the death of However, this calf might cancerous growth which be- and Mrs. Kennedy's baby boy. sue analysis of infected body save farmers millions of dol- gins in the eye, progresses in lars and perhaps, just per-haps, help find a cure to stroyed. It can cause death. cancer.

The calf is the result of a lar to human forms of cattle hysterectomy research cancer. Sweat is doing a preganism which causes the spechow to use the electron micro-how to use the electron microproject, now in its second liminary study on the animal ific disease in an infected scope at the Appley Institute. Scholarship, worth \$50 for the a University of Nebraska in- tionship. structor of veterinary science, heads the research. Similar may someday prove to be an 3. Innoculate a healthy an- alysis. work at the Agricultural College resulted in germ - free search," Sweat said. The Unicessful if the animal will get without a white technician's

virus diseases of cattle-pink- Health grant to provide the mal. eye, shipping fever, and calves. cancer eye.

cattlemen an estimated \$25 sease research. "It serves as million annually. It is a res- a testing agent," according to piratory disease "complex" Sweat. Producing a calf in often be developed to counter raised. "This year will be ing week. in cattle caused by a com-bination or "complex". of A conventionally born calf Using this principle, Sweat

Politics.

Cont. From Page 2

premises about the underdeveloped countries, including the premise that they all need and wish industrialization. We ought to hear much more about our own "military - industrial complex," and whether or in what degree we could safely disarm. We need a realistic picture in our heads about the coming and clarification of the maddening problems of how we shall manage to live comfortably with one another in our cities, and how we shall prevent the total destruction of the beauty of our landscape.

The shaking of hands is not going to win the presi dency, for anyone. What will win — what should win it — will be the offering of a new vision of Americans within their new society and of America within a new world.

In the very recent time of Pope John and John F. Kennedy, a new vision was beginning to take form and substance. It must not be allowed to fade away into the musty mists of good intentions.

tors as they give birth to a fear, prevalent when cattle spend its entire life. are shipped.

gloved hands inside a gleam-described in 1889 by Fr. Frank is kept constant. to blindness, loss of weight and perhaps to other diseases. This newborn calf may nev- There have been indications

Cancer eye in cattle is sim- the disease research: year. Dr. Robert Sweat, 32, Icancer to examine the rela- animal.

"The hysterectomy calf artificial culture. The purpoe of the calf research is to study three major virus diseases of cattle—pink-Health grant to provide the disease.

Versity of Nebraska College the disease.

4. Recover the same organism from the diseased animow."

The hysterectomy calf is an costs \$30.

The production of the hysterectomy calf is, however, YG's Hear Founder an exacting process. A cow is killed when she is nearly ready to give birth to her calf. The cow's uterus, which president and founder of Gold contains the unborn calf, is re-

moved. uterus- are placed on the tion Award winner, will speak slanting table of the hand- on Communism, Tuesday, made delivering machine. The uterus and calf are dipped north and south conference resulting manure and sent it the Union small Auditorium, into a pool of disinfectant, rooms, Student Union. past through an airlock, and into the sterile interior of the by the University Chapter of

Now, the doctors work swiftly. The calf has not had ac-American age of leisure, cess to air since it was separated from its mother. The doctors place their hands into the sterile gloves which are part of the machine. In less than one minute, they have removed the calf from the uterus, tied the umbilical cord and painted the navel with iodine.

The calf gulps his first never breath anything except the Union. filtered air.

After being alive about 40 feeling too important to be kept in a tin machine. So, he drops from the sterile-hooded machine into a sterile box. The box is wrapped in a ster-ile sheet and the package is delivered to a sterile labora-

The boxed calf is met at the lab's airlock by a techni-

prevents a tough tissue from cine for pinkeye. forming on the undeveloped premature calf. The development of this tissue results in changes in the calf's appear. "there is no end to where —Thomas

earn his keep. Dr. Sweat fice wall filled with degrees, follows Koch's Postulates in licenses, and certificates, drives 100 miles to and from

injects a tiny virus culture

Mrs. Truman Wood, past for Goldwater, assistant-chairman of Nebraskans for Gold-The 140 pounds-calf and water and Freedom Founda-March 3, at 7 p.m. in the

> The event will be sponsored the Nebraska Youth for Goldwater Club. The public is welcome to attend.

Campus .alendar

UNICORNS will meet at 7 p.m. in 235 Union. TOMORROW

breath of filtered air. It will TER will meet at 7 p.m. in Specific Pathogen Free (SPF)

By Bob Moraczewski | stress, bacteria and viruses, cian. He takes the calf to a into a hysterectomy calf. Any of veterinary science. Young and bronze sculpture, will remain on exhabit until Saturrounds the four silent doc- fluences as dust, fatigue and room is where the calf will are directly related to the in- ment.

you can go with research."

semester.

agriculture.

Shows are at 7 and 9 p.m.

Friday and Sunday, will hold

a drastic change in policy, it's

tions, one may listen to the

LAUGH WITH HUSKER COACH

BOX 1401,

jection because the calf has The SPF pig is free of cer- Two new members of the The temperature of the never contacted any other tain disease-causing organ-department are exhibiting Pinkeye is a contagious disease which causes inflama-tion of the ever It was first ing rubbed dry by rubbertion of the eye, It was first life. The filtered air pressure agents in his pinkeye retion of the eye, It was first life. The filtered air pressure agents in his pinkeye retion of the eye, It was first life. The filtered air pressure ing, sterile machine may be described in 1889 by Fr. Frank destribed to save money, animal lives—and possibly hubband to blindness, loss of weight described in 1889 by Fr. Frank is kept constant.

The interest air pressure agents in this philosy in Nebraska—"The next step is to find any other agents that may be in Nebraska. The next step is to find any other agents that may be involved and develop a vactory of the professor, on leave. Saltz-

air sacs in the lungs of the a blue notebook and takes tle, which are yet to be de- rector of the Rochester, Minn.

Now, the calf is ready to cells. Sweat, who has an of-He plans to examine his ex-2. Grow the organism in an perimental results by doing his own complicated tissue an-

The completion of Koch's calves will be used in the Postulates is considered as study. In 1963, eight hyster- umn, which will appear every the folk song satires of Ron Shipping fever costs U.S. excellent tool in animal di- definite proof that a particular ectomies were performed. Six Monday, is to give the read- Eliron. In addition to this, much better," Sweat predicts.

The disposal of manure was OACC (Organization for the road tour the Ford Motor the biggest problem encount- Abolishment of Campus Company is giving away five ered in last year's experi- Cops) will be very much in- 1964 Ford Falcons. One may ment. It had to be removed, trigued by the Foreign Film find out more by attending National political figure, but traffic through the pens presentation of the "Wrong the show at the Ballroom Frihad to be kept at a mini- Arm of the Law" starring Pe- day night at 7 p.m. Tickets How does a scientist solve evening at the Nebraska themum.

a problem like this? The re- ater. searchers found and fed a high-energy, low-fiber ration, and for those who live any-Then, water pressure from a where west of 27th Street, the garden hose pulverized the weekend film of "Cowboy" at down the drain.

'The experimental animals a special meaning. Shows are quite happy in their con- are at 7 p.m. and 9 p.m. trolled environment. They For those who frequent such don't seem to suffer any psy- events, there is a real wingchological problems, although ding going on Friday night they are isolated," Sweat ... in the Union. No, it's not

the Folk and Jazz Wing Ding in public health grants and \$18,400 from Corvel Inc. and the Eli Lilly Co., Inc. for his Sweat has received \$26,081 studies to date.

Where will this cattle hysterectomy research end? No one is sure. A similar experi-YOUTH FOR GOLDWA- ment with pigs resulted in

AMERICAN SOCIETY OF Research on SPF hogs was AGRICULTURAL ENGI- started by Dr. George Young minutes, the calf is usually NEERS, student branch, will and Norman Underdahl. Both meet at 7 p.m. in 206 Ag En men are now with the Univer-gineering building. sity of Nebraska department

weekend in the auditorium of Miller and Paine.

The works of eight faculty members, primarily oils, water colors, casein, intaglio,

-William Saltzman, on ine for pinkeye.

Sweat records his data in late their stock with SPF catican muralist and former di-

-Thomas P. Coleman, instructor. Coleman's works have been exhibited in a num-Pfeiffer Gets Ag Grant ber of national shows, and Wayne Pfeiffer, an honors are included in the collections program sophomore in the of the Library of Congress. College of Agriculture and the St. Louis Art Museum and Home Economics, has been the University of Kansas, awarded the second half of where he studied for his mas-Nebraska Seedsmen ter's degree. Other art department staff

prizes. But the best deal for

By Bill Harding

A'R'S'ITY

From the man who fired

"The Guns of Navarone."

EXPLOSIVE

on display include: Duard He was honored for schol- Lagging, chairman of the dearship recently at the honors partment, Gail Butt, Thomas banquet of Gamma Sigma Coleman, James Eisentrager, Delta, the honor society of David Seyler, Thomas Shef agriculture. David Seyler, Thomas Shef field and Richard Trickey.

Wing-Ding Slated

The purpose of this col-| Moonshiners (they sing) and

For example, those readers anyone without wheels, (or

that have recently joined the just about) is this: on this

Faculty's Art Baubles

Cont. From Page 2

to be gained by such trade. Secondly, there has been speculation on a consumer boycott imposed by the people of the U.S. with the encouragement of our government. Such a boycott would include such things as Triumph autos and French perfumes. As yet, however, the government has had nothing to do with such a plan.

Let us not forget also that it is an election year, a highly unlikely time for candidates to press issues which would incur the wrath of our allies.

What it all amounts to is this; that the U.S. has gotten itself into a rather potty mess, and it is unlikely that we will extricate ourselves from it, at least until elections are over. Even more probably, it will be another decade before our general foreign policy is cleared of the ambiguities which allow such a problem to come into

For right now, however, the problem is how do we discourage our allies, trade with the Communist bloc while we, witness the sale of wheat to the Soviet Union, indulge in it ourselves.



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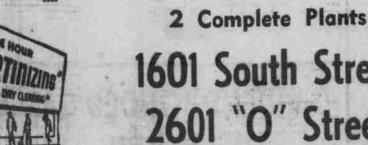
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