

# The Battalion

Vol. 67 No. 117

College Station, Texas

Friday, April 28, 1972

Cloudy  
and  
cool

Saturday — Cloudy, becoming partly cloudy in the afternoon. Lightly scattered afternoon thundershowers. Easterly winds 5-10 mph. High 78°, low 63°.

Sunday — Partly cloudy. South-easterly winds 10-15 mph. High 81°, low 66°.

845-2226

## Kleindienst approval given by committee

WASHINGTON (AP)—The Senate Judiciary Committee approved the second time Thursday the nomination of Richard G. Kleindienst as attorney general, ending the longest Senate confirmation hearing in its history.

By an 11-4 vote, a wider margin than expected, the committee approved the nomination to the Senate floor "with recommendation that the nomination be confirmed."

Attempts by Sen. Edward M. Kennedy, D-Mass., to continue the eight-week hearings failed.

Kleindienst, who asked that the hearings be reopened, testified on the first and last days about the out-of-court settlement of three antitrust suits pending against International Telephone & Telegraph Corp. while he was deputy attorney general.

The new round of hearings followed the first committee ballot of unanimous approval for Kleindienst to replace John N. Mitchell. The sessions reconvened after publication of a memo attributed to an ITT lobbyist which linked the antitrust suits and a pledge of up to \$400,000 to the Republican National Convention in August.

Kleindienst was called again to testify because of apparent contradictions with what he said during earlier hearings. He told the committee Thursday nothing which has occurred during the previous eight weeks would have prevented him from asking that they be reopened.

Earlier, the friendly, talkative acting attorney general blamed a busy schedule for his lack of memory on contacts a White House aide

says they had about the ITT affair while it was still pending last spring. One meeting with presidential assistant Peter M. Flanigan about ITT "was so insignificant and so immaterial it just doesn't stick in my mind," Kleindienst said.

In answer to questions, Flanigan wrote the committee he carried to Kleindienst a last minute appeal from an ITT director which forecast devastating results from any widespread divestiture of some of the conglomerate's holdings.

In his letter, Flanigan also said he told Kleindienst of the arrival of a financial report favorable to ITT which Justice Department officials say had a strong influence on the decision not to carry the three antitrust suits to the Supreme Court.

The 48-year-old White House aide and friend of Kleindienst also said Kleindienst was present when the report, prepared by investment banker Richard J. Ramsden, was delivered to former Asst. Atty. Gen. Richard W. McLaren, now a federal judge.

On March 3, the day after the eight weeks of hearings were resumed, Kleindienst testified he could remember no conversations with White House aides about ITT.

Asked on March 8 about the Ramsden report, Kleindienst answered, "I had no conversations with Flanigan, though."

When Bayh asked him about that Thursday, Kleindienst said there was no discussion about the report's conclusions so he had no memory of being present upon its delivery.

## Coming week turn in date for dormitory refrigerators

Refrigerators rented to students earlier this year are due to be returned next week according to the following schedule.

Dorms 14, 15 and 16 should return refrigerators Monday, May 1 to lounge A-1 between 2:30 and 6:30 p.m. Dorms 17 and 18 should return theirs to lounge A-3 at the same day and time.

Also, dorms 1, 3, 5 and 7 should return units to lounge C-2 Monday between the same hours as above.

May 2, dorms 2, 4, 6 and 8 will return refrigerators to lounge D, while dorms 19, 20 and 21 should take theirs to lounge B-1. The hours will be 2:30 to 6:30 p.m.

On May 3, dorms 9, 10, 11 and 12 should take refrigerators to

lounge D; dorms 13 and 22, to lounge C-1. The hours are 2:30 through 6:30 p.m.

Joe Hughes, in charge of the refrigerators, stressed they must be cleaned and in good shape

(See Refrigerator, page 2)

By GI speaker

## Genetic sex control forecast

In the future, parents will be able to have the exact child they want, Dr. Charles Shaw said Thursday night.

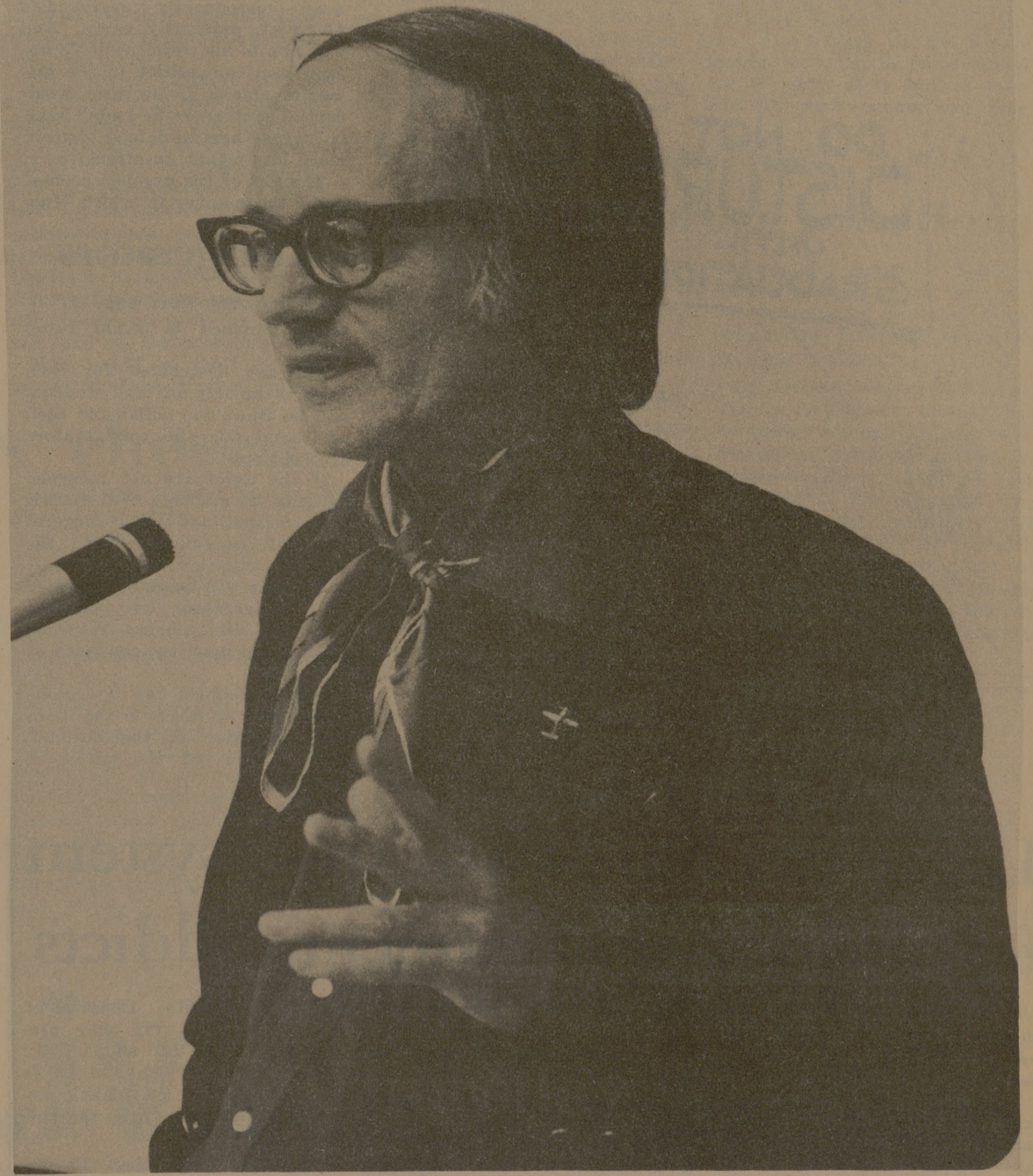
Shaw, speaking for the last Great Issues presentation of the year, is chief of the medical genetics section at the M.D. Anderson Hospital and Tumor Institute in Houston.

"I predict that people will be able to have what they want by mixing the x and y sperms," he said. "This has been partially perfected with rabbits. It is not perfected enough for humans. No doubt, it will soon apply to man."

Shaw said the first major step in genetic engineering has been taken because parents may now know in advance what sex a child is in the fetal stages.

"Parents can have the child easily aborted if they don't want it," Shaw said. "If they find out what they have is not what they want, they can get rid of it and try again until they get what they want."

This means that future children have the possibility of being the artificial product of genetic change. This change will include a deliberate interference with the natural processes of reproduc-



Dr. Charles Shaw spoke of genetic control of children Thursday night in a Great Issues presentation. See accompanying article. (Photo by Mike Rice)

tion.

"I don't really like the term 'genetic engineering,'" said Shaw, "because it has an aloof, inhuman ring. This goes for genetic therapy and genetic manipulation also. The best term is orthogenetics because it implies improvement."

Being able to alter the amount of production by gene manipulation would mean doctors could take out the bad ones and replace them with good ones, Shaw said.

Shaw cited examples of indirect and direct means of this through work done with additions of DNA to bacteria. These become permanent parts of the bacteria makeup and can be injected back into man.

He said human genetic diseases currently can be cured in a test tube by adding the proper cure to the cell. The next step will be to get this cured cell back into man.

Shaw described the new man of the future as a 'clonal man' because of the number of individuals who will be derived from one person by the same genes asexually. These genes would be injected into the female for nor-

mal growth.

"The first step in this direction to Huxley's 'Brave New World' type of man was the fertilization of a human egg in a test tube," Shaw said. "At Cambridge, researchers have watched this growth under a microscope while it reached 32 cells. The next advance will be to introduce the growing embryo back into the uterus of a woman."

Shaw said another important advance was the creation of 'genetic twins' in frogs by removing the nucleus from the frog egg and replacing it with an intestinal cell.

"How close are we to being able to reproduce our Einsteins and other highly productive men?" Shaw asked. "No one knows, but someone's going to try it, and soon."

No one can predict the answers to ridding man of inherited diseases. Shaw said the answer is not abortion to eliminate bad genes because other offspring can carry the genes.

"What are the rights of the unborn and future generations," asked Shaw. "Does a child have the right to have his parents choose non-existence for him or

to live with disease? Should the law give the parents this right?"

"There are benefits to this as in cattle breeding. But the idea of human clones is abhorrent. The argument that will hold things back for a while is that a man has a right to be different, not a multiple man."

"It is most heartening to see that the scientific community and society is concerned about the implications of clonal man to future generations and the consequence of it."

"Is genetic engineering good or bad?" Shaw asked. "It really depends on your point of view. It is a way of providing Huxley's world. Only man can control his future."

## Senior loans are available at graduation

Graduating A&M seniors may negotiate loans to carry them to the first pay check.

Known as "senior going away money," the non-interest, one-year loans are available through the Student Aid Office in the YMCA.

Student aid director Robert M. Logan said the only qualification for loans from the fund established by Mrs. Jesse M. Pratt of Houston is to be listed for graduation and departing Bryan and College Station.

Graduates expecting to remain on campus for advanced degree work are not eligible.

A loan can be arranged up to \$200. A \$5 per \$100 service charge to pay for loan operations is assessed, Logan noted. Interested graduating seniors should contact loan officer Al Bormann in the student aid office.

The 12-year-old fund originated through Mrs. Pratt giving a hitch-hiking Aggie a lift. Just graduated, he was enroute to Houston and his first job. Their conversation revealed to Mrs. Pratt that he was uncertain how he would make it to the first pay check. Logan said the \$22,000 graduating senior loan fund grew out of Mrs. Pratt's sympathy and concern.

She is well known in Houston for charitable work with several civic organizations and other philanthropic efforts.

## Moore, Puryear receive awards for civilian dorms

Moore and Puryear Halls won top awards Thursday in a year-long competition among civilian residence halls at A&M.

Academic and intramural award trophies for 1971-72 were presented to Moore President Steve Shimotsu of San Benito and Puryear President Mike Abraheit of Goliad at the Civilian Student Council awards banquet.

GSC President Gordon Pilmer of San Angelo also called forward junior David Ater of Houston for the outstanding councilman plaque and Bill Shaw, CSC first vice president of Fort Worth, for the President's

Award. Ater is McInnis Hall president; Shaw, past president of Legett Hall.

Eugene C. Oates, director of civilian student activities, received a council appreciation award. In addition, 30 service awards were presented to Civilian Student Council members.

About 75 persons including TAMU President Jack Williams and Dean of Students James P. Hannigan attended the CSC awards banquet. The council, which seats 35 student leaders, involves 19 of A&M's 30 residence halls not including Henderson Hall and Mitchell Hall which is being razed.

## Bioengineering offering new careers in medicine

New career opportunities in the health industry are becoming available through an emerging field called bioengineering.

A&M has just received state authorization to offer the Southwestern's first undergraduate bioengineering degree program beginning next fall, noted Dr. Paul H. Newell Jr., who heads the program in addition to serving as TAMU's associate dean of engineering.

Dr. Newell said the Bachelor of Science degree program will prepare students for careers associated with the integration of modern science and engineering into the solution of medical problems and in development of new health-related technologies.

"This program will emphasize the human values of engineering," Newell stressed. "It will prepare students for the exciting and demanding careers so relevant to human needs."

He said medical device companies throughout the nation are seeking qualified personnel, with a need seen for as many as 50,000 persons in the near future. Demands exist in hospitals, medical schools, industry and government for individuals trained at

all degree levels in biomedical engineering, the professor added.

Dr. Newell pointed out health and related activities are now considered the nation's second-largest industry in terms of expenditures, exceeded only by automotive industry.

"Our bioengineering graduates will direct their creativity to the solution of relevant real-world problems," Dr. Newell observed.

Faculty members of TAMU's Colleges of Engineering and Veterinary Medicine have been conducting biomedical engineering research for several years with Baylor College of Medicine in Houston. Newell said one example of this joint research is a program for detecting cystic fibrosis in infants by neutron activation analysis.

Other bioengineering research involves such projects as design and construction of prototypes for voice-operated wheelchairs and artificial legs for persons who have had amputations at the hip. Still other programs center around radiation effects and therapy, internal bone fixation devices, human factors and the total concept of rehabilitation.

Courses included in the new

degree program are mathematics, the physical, chemical and life sciences and basic engineering, in addition to the specialized bioengineering courses.

While approval from the Coordinating Board, Texas College and University System, was necessary to offer a formal degree program, Dr. Newell said approximately 30 undergraduates are already studying bioengineering at TAMU, with the more advanced students scheduled to receive degrees next spring.

In conjunction with the academic and research programs, TAMU professors and students have formed the first chapter of the National Association of Bioengineering. Dr. Newell said the organization provides a unified approach to bioengineering by including and promoting professional unity among engineers from related disciplines, such as electronics, mechanics, materials, environmental factors and the life, medical and health sciences. NAB also serves as a clearinghouse for employment and job-related information for both professionals in the field and prospective employers.

## Leitz named handbook editor

The editor of the new TAMU Student Handbook will be Bob Leitz of the A&M English Department, Barb Sears, chairman of the Student Senate External Affairs Committee, announced.

Leitz is a Ph.D. candidate in English and an amateur photographer with excellent qualifications, Sears announced. He will work part-time until school is

out, then full time until the completion of the publication.

"Right now we need to hire two to four students who will work part-time throughout the summer," Sears said. "We need people who know the school well and know the right people." Anyone interested in working can contact Leitz through the English Department, she noted.

The handbook is tentatively scheduled for about 80 pages. "It will be literary in style with sections on community life, academics, things to do, organiza-

tions and others, with lots of pictures. There won't be any advertising," Sears said.

"The book will be primarily for freshmen and transfer students who do not know much about A&M. It will be a reference guide to answer their questions about the school," Sears explained.

The handbook is being financed out of university reserve funds this year, but the Student Senate has marked money from the students who do not know much about A&M. It will be a reference guide to answer their questions about the school," Sears explained.

University National Bank  
"On the side of Texas A&M."  
—Adv.