ThreeNUMenExperiment With Atomic Accelerator

Exhaustive Research Of Jorgensen, Cook, Kuyatt Done Under Atomic Energy Commission Contract

the present time in an isolated corner of Brace Physics Laboratory, three men are calmly experimenting on the effects fessor of physics, began workenergized into a column of gas. few years ago and has inter-They are quietly observing the ested two students in the new reactions of various atoms. As work. Dr. Charles Cook, a foryet, they have made no practical mer student at the University for this experiment is in the field of pure atomic research.

THE EXPERIMENT IN THE field of pure atomic research.

THE EXPERIMENT is being done on the Cockcroft-Walton Atomic Accelerator, a machine that energizes ions up to 400,000 volts and focuses them into a

reach the gas, they are slowed tures in atomic reactions. down, and their reaction is measured.

Dr. Theodore Jorgensen, proof accelerated atoms as they are ing on the atomic accelerator a application of the new findings, and now on the staff, worked

THE PROCESS of testing the atoms begins when atoms of any light gas are placed in a high potential vacuum and acceler-The ions receive this energy in a high potential column and advance to the accelerating col-umn, which simply hurries them along, continuing in a series of columns almost fifteen feet long

The magnet shoots the ions at an angle of twenty degrees into a column filled with one of the light gases, which will slow the atom down. The experiment determines the amount of energy lost as various ions are slowed

by entering the gas.

After determining the rate of energy lost, the accelerator shows the characteristics of the ions while they are loosing their energy and after they have lost it. The twofold results reached with each different type of ions as it enters a new gas is the consecutive years of success with purpose of the experiment.

ORIGINALLY, the voltage in

THE PLEASANT showman only 400,000 volts, this machine said there has never been a play could be used for extensive nuproduced with an all-male cast clear research problems by

velopment is being done at vari-

Delta Sigma Pi, professional ing work, our knowledge of the universe is slowly being adracternity of the College of Busivanced. Most of today's scienif we can co-ordinate our scientific "know-how" with good Henry C. Lucas of Omaha, Mid-sense and appy them to the com-

until reaching the analyzing Accelerator Used By NU Physicists

An atomic accelerator, housed cover is to protect researchers at Brace Laboratory, is now from injury while working

being used for experiments with the equipment, capable conducted by University staff of energizing atoms up to members and graduate students. The large aluminum photo)

Toulouse-Lautrec Originals On Exhibit In Morrill Hall

A series of 10 original litho- illustrated cover printed on Japagraphs by Henri de Toulouse nese paper. Lautrec did not give Lautrec are being shown at Mor- names to any of the plates, how-

rill Hall until Sunday.

The set is presented under an dealers.

Ag Campus Fun Night Scheduled Rehearsals Set

The 1953 Coll-Agri-Fun night will be held Friday, Nov. 6, Del writer and close friend For Tuesday

Merritt, board manager, an-Coll-Agri-Fun night is the annual presentation of skits and curtain acts by the students and organizations of Ag College. The

event will be presented in the College Activities Building at 8

Rehearsal of skits and curtain acts will be Tuesday, at 9 p.m. in the College Activities Build-ing. The Coll-Agri-Fun board approve the presentations at this time.

Skits and curtain acts will be judged largely on quality of performance, time required, interest of action, and originality. Copyrighted plays are acceptable. Prizes will be awarded to the

Ottoson, Mr. and Mrs. Avis the executive board of the Kristenson, Mr. and Mrs. Tom American Association of Dental Dowe and Mr. and Mrs. John Schools from 1936 to 1939.

SOME OF the prints are on gray and others are on a rose-colored paper. It is thought that perhaps Lautrec intended all of them to be on a rose paper, be-cause five of the proofs were on

this color. Lautrec was not interested in the "story" of his paintings. He spoke of their uselessness, saying of his prints "they mean what they mean, they have no need of words." When it was necessary

The series was loaned to the University Galleries by Richard S. Davis of Minneapolis, Minn.

Two Former Dental College Teachers Die

Dr. George A. Grubb, former dean of the College of Dentistry, and Dr. Bernhardt Schwartz, former instructor in the College of Dentistry, died last weekend.

Dr. G. Grubb, dean of the College of Dentistry from 1923 to ous centers and universities winning plays.

As these men, and others like them in many other places, con
winning plays.

Ag College Faculty will judge the entries. Don Lees will act as moster of ceremonies. Chaptain in the college prior to assuming the places, con
the college prior to assuming the places, con
as moster of ceremonies. Chaptain in the college prior to assuming the places, conones are Mr. and Mrs. Howard | standing in his field, served on Before retiring in 1949, Dr.

Other members of the Coll- Schwartz was with the Lincoln Agri-Fun Board are: Evelyn Dental College, when I had Louritzen, Alois Bell, Ginny Barnes, Dale Olson and Lois an instructor in peridontia and Lost—Brown Sheaffer penell. Name on band—Richard E. Olson. Ph. 6-3322.

LOST—Brown Sheaffer penell. Name on band—Richard E. Olson. Ph. 6-3322.

TYPING DONE—theses, moot court briefs, reports, etc. Experienced. 2-8253. Agri-Fun Board are: Evelyn Dental College, When it merged

'Evening At Blue Note' Theme Of Talent Show

Ten Acts Chosen For Program

"Evening at the Blue Note" wil play "Chuck's Dream" and will be the theme of the Union "Blue Moon" on the combo. sponsored talent show to be

given Sunday night. The 10 acts will be featured room. with a backdrop of a night club scene. Leigh Cartwright will give her version of the Charleston and Kirk Woodward will give a reading, "The Treasurer's Report"

Bonnie Young will play a piano selection, "Dream Dance," and "Lady of Spain" will be played by Bud Imig on the ac-

Pat Syfert will sing "Falling in Love with Someone" and Bar-bara Freeman "Without a Song." A duet, Marilyn Kennedy and Nick Amos, will present a medley from "Kiss Me Kate."

A VOCAL trio of Jan Boett-

Dress rehearsals will be Tues-

day at 9 p.m. in the Union ball-

Awaiting Ag Vote Results of the all-University election to determine the six candidates for Honorary Com-

mandant of the Military Ball will not be released until Monday, Nov. 9. Mac Bailey, COA president, said the results had not bee. announced because voting booths were not set up on Ag

campus enabling students there to cast their ballots. cher, Dot Osborn and Phyllis Maloney will sing "I Believe." set up by the Ag Exec Board, Shirley McPeck will be fea- would be open all day Wednestured on the marimba with day, and urged Ag students who "Chiu Chiu" and Chuck Baker have not voted to do so.

QUICK RESULTS

WHEN YOU USE Daily Nebraskan

Classified Ads

To place a classified ad

- · Stop in the Business Office Room 20 Student Union
- Call 2-7631 Ext. 4226 for Classified Service

Hours 1-4:30 Mon. thru Fri.

THRIFTY AD RATES

No. words | 1 day | 2 days | 3 days | 4 days | 1 week \$.40 \$.65 \$.85 \$1.00 \$1.20 11-15 1.05 1.25 1.45 16-20 .95 1.25 1.50 1.70 21-25 .70 1.10 1.45 1.75 1.95 26-30 .80 1.25 1.65 2.00 2.20

FOR SALE-Underwood portable type writer and case. Like new. Reasonable. 2545 R St.

BUSINESS **OPPORTUNITIES**

CHOICE OF YOUNG AMERICA FOR THE FIFTH STRAIGHT YEAR -

LIGGETT & SEVERS TORACCO CO

CHESTERFIELD IS THE LARGEST SELLING CIGARETTE IN AMERICA'S COLLEGES . . . by a 1953 survey audit of actual sales in more than 800 college co-ops and campus stores PLASTIC SOLES from coast to coast. Yes, for the fifth straight year Chesterfield is the college favorite. CHESTERFIELD IS THE ONLY CIGARETTE EVER TO GIVE YOU PROOF OF LOW NICOTINE, HIGHEST QUALITY The country's six leading brands were analyzed-chemically-and Chesterfield was found low in nicotine-highest in quality. This scene reproduced from Chesterfield's famous "center spread" line-up pages in college football programs from coast to coast. and workmanship." range of prices. CHESTERFIELD BEST FOR YOU

beam of gas. Once the ions ator, hoping to uncover new fea-Well-Known Playwrite Reviews Own Career

Caine Mutiny Agent Visits NU By JAN HARRISON the touring companies of John

Copy Editor "I remember when John Barrymore was just a straight actor and I made a song and dance Quartette and now Caine Mutiny. ator was 250,000, but it has reand I made a song and dance

of his many experiences and contacts in the world of show

producer and press representative—is in Lincoln laying the publicity groundwork for Paul Gregory's production of the "Caine Mutiny Court Marshal" to be presented at the Coliseum Nov. 19,

Kettering has known and worked with such American stage personalities as Lillian Russell, Chauncey Olcott, John Barrymore, Elaine Barry and Charles Laughton.

He is the playwrite of the Broadway hits "The Marriage Question," "Daughter of the Sun," "Easy Street," "Which One Shall I Marry?" and "The Clutching Claw," Kettering has written three books: "This Is My Theater," "Behind The Magic The triple books. This is my Theater," "Behind The Magic Curtain," and a third book, "Hello Sweetheart," the story of the life and loves of producer Al Woods, which will reach the

KETTERING, WHOSE home Pledges 23 Men Mutiny" production and its producer, Gregory, Gregory, Ketter-

PhilosophyOrganization Plans Tuesday Meeting

The club plans to request students attending to list the subjects which they would like to hear discussed in future meetings.

Tary, addressed the and their guests.

Students pledged Bussell, Albert L.

nounced that Squadron G has been named the honorary squadron of the Air Force Wing as a result of the recent ROTC parade.

Richard D. Whalen, Francie A. Cruse, Maurice E. Dailey, Darrel G. DeGraw, Allen A. Hesson, Duane McKenzie, Lloyd Peterson,

magnet.

"Caine Mutiny," Kettering ex-plained, is not to be confused volts. It is still considered a low Leaning back in the Union office chair and puffing on a stubby cigar, Ralph Kettering, in a
Nebraskan interview, told some
of his many experiences and
contacts in the world of show tors. The main advantages of touring the Caine Mutiny, he explained, is that Gregory can all in the field of atomic physics, determine the play's success by public opinion and can bring the rather than nuclear physics, roducer and press representa-

A SHOW BUSINESS stalwart, Kettering has known and worked with such American stage personalities as Lillian Russell, In the Control of the Con

fact about the play is that Herman Wouk, the author of the original book, is the dramatist of fields of nuclear and atomic de-

Biz Ad Honorary

ing said, is the most outstanding young producer of the theater. Only 36, he has enjoyed three men in ceremonies following their understanding will help all men, ness Administration, pledged 23 tists firmly believe that this new annual banquet.

western regional director of the mon good. The Philosophy Club will hold honorary, was in charge of the pledging. Jim Thomson of Chi-Union Faculty Lounge from 3:30 cago, national executive secretary, addressed the 100 members

Students pledged were: Jack D. Bussell, Albert L. Curtis, Gerald R. Davis, Victor H. Golletz, U. Receives Honor For Drill
Cadet Col. Lloyd Keller announced that Squadron C

Squadron G commander is Pat
Engel. His squadron was selected on appearance and precision in drill.

Bather M. Roach, Wayne S.
Schoept, Richard H. Swanson,
Ralph M. Deihe, Arthur A. Viater, and Ronnie R. Wohlers.

TOUGH, LONG-WEARING

Extremely fast and durable...

Withstands great temperature changes

"Easiest in the world to ski on," says Hannes Schmid,* famous international star. "Spalding is leading the field in quality

Other Spalding features: Patented interlocking edge construction with offset screw holes. Shock-absorbing tip and tail section.

See the big 1954 Spalding Ski Parade at your favorite ski shop - Top-Flite, Continental, Air-Flite and many more in a complete



get your copy FREE