

FEWER PASTRIES ARE OFFERED IN 1931 CAKE RACE

Scarcity of Baked Delicacies
May Lessen Number of
Entrants in Event.

Cakes may come and cakes may go but the cake race must go on this October 23 as it has for the past seven years, but without the number of cakes that past years have seen. In many of the famous runs of over two years ago, it was no unusual thing for well over a hundred of these great confectionery delights to await more hundreds of panting, tired and hungry two-milers. Two years ago the winning runners sprinted around the last lap at Emerson field to receive only forty cakes, while part of these went to dormitory or fraternity groups. If the hungry runners of this year expect many cakes for their pedal efforts, there is again to be disappointment for the number of cake prizes is to be reduced again.

Fewer Cake Prizes

"Ten cakes are the most that we will possibly need," said Track Coach Dale Ranson yesterday. "Besides," he explained, "if enough interest is shown the merchants of the village always contribute prizes of merchandise." There are ten gold, silver and bronze medals, all unedible.

Mac Gray, of intramural athletics, thinks there will be hardly five cake awards this year, and these would of course go to dormitory and fraternity team winners. The cause of the gradual decrease in the number of cakes, Manager Gray asserts, is that there are now too many demands made on the town people, who contribute the usual prizes for the traditional event.

There seems to be little probability that the famous event, still young for the far known tradition that has grown about it, will retain the flavor that the prize cakes give it.

Fire Prevention Week Starts On October 4

In October, 1930, Chief J. L. Foister delivered during the Fire Prevention Week with the aid of the Boy Scouts four hundred pledge cards to be filled out and signed by the citizens of Chapel Hill. The cards ask that each home be thoroughly inspected from basement to roof before the card was signed. Of the four hundred put out three hundred and two were returned to the fire department. Figures show that the cards were of great value to the people of Chapel Hill.

From October 1, 1929, to October 1, 1930, there were fifty-three alarms with a loss of \$21,050.00. From October 1, 1930, to October 1, 1931, there were thirty-eight alarms with a loss of \$4,417.00. These figures show that the Fire Prevention Week in 1930 had a value of \$16,633.00 to the people of Chapel Hill.

Chief Foister is very much pleased with the above record but he still has hopes of greatly reducing the number of fires during the coming year. He is very thankful for the cooperation that each student of the University and each citizen of Chapel Hill has given in reducing fires. October 4 will mark the beginning of this year's Fire Prevention week.

FOUNDATION FURNISHES TWO NEW PROFESSORS

The Commonwealth Foundation, an organization for financing international students in this country, has placed two men in the University department of economics. Walter G. K. Duncan of Australia received his A. B. degree at the University of Sydney in 1924, and his M. A. there in 1926. He was also awarded the degree of Ph. D. by the London School of Economics. George Stark received his M. A. degree at the University of Glasgow and is working here for a Ph. D.

PHARMACY STAFF ADDS PROFESSORS

Dr. Burlage and Professor Rose
Are New Members of Faculty
of Pharmacy School.

The teaching personnel of the school of pharmacy of the University has been strengthened by the addition of two professors to the staff. At the death of the former head of the school, Dean E. V. Howell, Dr. J. G. Beard was selected as his successor by President Frank P. Graham until the board of trustees could elect a new head. Dr. Beard was given the position, and the standards of the school, which always have been recognized nationally, were improved by the recent additions.

New Professors

Dr. H. M. Burlage comes from Purdue university where he was associate professor of pharmaceutical chemistry, while Professor I. W. Rose is a native of this state, and a graduate of the University. Since his graduation from Carolina in 1906, Rose has operated a drug store in Rocky Mount.

Dr. Burlage received his degree in the liberal arts school of Indiana university. He is a member of Sigma Psi, honorary fraternity for chemical research, and Kappa Psi and Ro Chi, honorary pharmaceutical societies. He received his B. S. in pharmacy from Purdue university, M. A. in chemistry from Harvard, and his Ph. D. from the University of Washington at Seattle.

Dr. Burlage has taught at Harvard, Purdue, and Oregon State college. He is especially interested in research in drug and plant chemistry.

WESTERMAN IS NOW LIVING IN CALIFORNIA

Ralph Westerman, former English instructor at this University and business manager of the Playmakers, is now residing in Los Angeles, California. Westerman, who was connected with the Cape Cinema, Denis, Massachusetts, in the capacity of assistant business manager, this past summer, had not known what his plans were for this year, according to Sam Selden, of the Playmakers.

Lost and Found Found Bureau

According to custom the lost and found bureau will be located in the Y. M. C. A. All students that find articles are supposed to turn them in to the office. Up to this time the bureau has had very little business.

Infirmiry List

The following students were confined in the infirmiry yesterday: Jean Lane, Pete Gilchrist, Allen Barber, Sidney Brownstein, and F. S. Walker.

Dr. Crockford Helps To Improve Batteries On Naval Submarines

Chemistry Professor Has Been Working for Past Two Summers to
Perfect Storage Cells for Propulsion of Undersea Crafts.

By Carl Thompson

For the past two summers Dr. H. D. Crockford, associate professor of chemistry, has been employed by the Naval Research Laboratories in Washington, in the physical chemistry department and was connected with work on submarine storage batteries. This laboratory has been in operation for about five years and was established by the Navy in an effort to centralize their research work. It regularly employs approximately 175 men of whom one-third are experienced scientists; the others are carpenters, electricians, and technical men. During the summer months twenty to twenty-five science professors from such colleges as Harvard, John Hopkins, and the University of North Carolina, and about ten or fifteen graduate students in chemistry are added to the regular staff, for special work.

Submarines Studied

Dr. Crockford's work has included the study of submarines, their operation and instruments. His work was concentrated chiefly on a satisfactory method to prevent explosions from gasses escaping from storage batteries, which are essential in undersea travel. All mechanical operations in a submerged submarine are performed from the power furnished by storage batteries. Explosive gasses escape and at least one explosion a year takes place in our Navy, killing one or more men. The exact nature of the steps taken to prevent this was not to be revealed, but it is understood that

danger from such explosions has been greatly reduced.

Many Batteries Carried

Huge storage batteries are to be found in large numbers even on the smaller vessels; the smallest submarine in the Navy carrying about two hundred of such batteries which are 4 1-2 feet high by 2 1-2 feet square. In the larger 'subs' there are special rooms to carry these batteries but on the smaller ones they are under the floors and in almost every conceivable place.

Dr. Crockford described a torpedo as being one of the most complicated pieces of machinery imaginable. In the back of the torpedo is an engine which is powered by alcohol carried in a compartment in the torpedo. There is also an oxygen compartment which feeds into the motor to complete the combustion. The engine turns a propeller which forces the projectile through the water. In the front compartment is carried the T. N. T., the detonating cap, and other essentials for the explosion. Although they come through the water at rapid rate they are readily seen by passengers on the threatened vessel.

Different Type Subs

There are several types of submarines now in use, the newest being called the "V" boat having three or four decks, sleeping rooms for the sailors, cabins for the officers, and a regular mess hall. This "V" boat is used in long cruises, and are much more comfortable than the average submarine, and

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Fraternity Rushing Participants Eagerly Await Period Of Silence

High Pressure Men in Lodges Are Growing Impatient to Have
Unnaturalness at an End and to Resume Old Ways.

After vending their wares to the prospective neophytes for the past seven days, the Greeks are now hoarse from their continued "hot-boxing" and are beginning to look forward to the holiday of the period of silence. Beginning last Friday at 2:00 o'clock the fraternity salesmen began their campaign which has continued day and night since that time.

Hollow-eyed students as well as disgusted professors are on the verge of collapse, the former because of their sleepless nights trying to get up back work, and the latter for their continued efforts to make the students hand in their assignments.

Despite the fact that both freshmen and fraternity men are longing for the last day, they continue to plod manfully onward. "How about an afternoon date at two?" and "I'll meet you at Pritchard-Lloyd's at seven" have become the accustomed farewell day after day. The expression "Come around again whenever you feel like it" is likewise repeated with all the sincerity of a Hebrew goods merchant selling a suit of clothes.

Remembered Incidents

Yet in all of this hodge-podge of confusion there are still those instances which cannot help but be remembered. One young high school grad is reported to have gone around to several of the

fraternity houses inquiring the rates of each. When asked as to just why he was gathering this information, he made the statement that he was trying to find the cheapest bidder before he would place himself under any obligation.

And then there is the story of the wise young frosh, who, upon seeing that a certain fraternity was not going to ask him for any dates, merely replied that he would like to break all of the future dates with the fraternity. The Greek representative was, of course, too sorry for the young lad to tell him that the fraternity had no further dates with him; so in order to save embarrassment he decided to ask the prospect for further dates to give him a chance to break them.

Wise Freshman

Still another instance has been reported in which a freshman was able to convince a dumber fraternity man that he should be asked around to the house sometime later. The soft-hearted frat brother fell into the rushee's lure, and the latter received some more dates.

Then to add more pep to the scene the sophomore orders come in with their foolish ridiculousness and afford the new men considerable amusement. Were it not for their little performances each night in front of the drug store, the period of rushing would be one of little amusement.

STUDENT MASONS ARE INVITED TO MEETING

Monday evening at 7:30 o'clock all students who are Masons are invited to come to the Masonic hall on Franklin street. The Masonic order of Chapel Hill is made up of town people and members of the faculty of the University. The object of the meeting is to bring Masonic students in contact with the faculty members and the people of Chapel Hill.

Dr. M. C. S. Noble, retired dean of the school of education, will officiate. The various stations will be held by faculty members.

STUDENT TICKETS PLACED ON SALE

Student Entertainment Committee Will Include Commerce
School This Year.

The season entertainment tickets for those members of the University outside of the colleges of liberal arts, commerce, and education, members of the faculty, and other townspeople who are interested in seeing the first class entertainment offered by the committee in charge of arranging the programs, are on sale now in the office of Dean G. W. Hobbs in 203 South building. There is a limited number of tickets on sale this year. The price for the tickets will be three dollars and fifty cents.

At a meeting of the entertainment committee yesterday in Dean Hobbs' office the final arrangements were made on the program and the committee plans to present its first offering, October 30. The program which will be presented below is complete with the exception of another lecturer who will be added sometime in the spring.

The program is: *The Beggar's Opera*, October 30; *Dons Cossack Chorus*, November 18; *Ted Shawn and His Dancers*, January 7; *Lennox Robinson*, Irish author, about March 5; and the *Irish Players*, March 21.

The representatives of the student body on this committee are: from the college of liberal arts, W. N. Bissell; from the commerce school, O. W. Dresslar, and Dean D. D. Carroll; and from the school of education, W. F. Whitsett and M. S. Clary. There is to be another representative of the school of liberal arts to be chosen soon.

KNIGHT IS PROFESSOR IN TWO UNIVERSITIES

Professor Edgar Wallace Knight is a visiting professor this year at Teacher's college, Columbia university, New York. He is assisting Dr. Paul Munro with foreign students. Dr. Knight commutes twice a week between Chapel Hill and New York, returning every week-end to give his graduate courses.

Diseases in Town

During the month of September thirteen persons were confined to their homes with contagious diseases. They were as follows: Two persons had syphilis; three, scarlet fever; six, whooping cough; and two, diphtheria.

Marks to Address P. T. A.

Miss Sally Marks, of the school of education, will address the Parent-Teacher Association of Pittsboro tonight on the subject of "Modern Trends in Education."

WOMEN STUDENTS VOTE TO CONTROL CO-ED ATHLETICS

New Council to Offer Long
Sought for Reform in Uni-
versity Women's Sports.

The woman's student association ruled yesterday afternoon at the first quarterly meeting that henceforth athletics among the women students will be controlled by the women students themselves. With talks on the athletic question by Miss Gladys Angell, of the physical education department of the University, and by Miss Martha Delaney, head of the athletic division of the association, it was decided to draw up an athletic council of women student representatives. Under this new system, which offers a long sought reform policy in the woman's athletics, there will be student leaders in each woman's sport, elected at large from the association members.

Co-ed Activities

Efforts are being made, asserted Miss Gabrielle McColl, president of the association, to promote women student activities throughout the University, and especially to promote athletics. Opinions on various athletic activities were discussed during the meeting.

Miss Orville Culpepper was elected by the women to succeed Miss Rebecca Daniel as treasurer of the organization. Miss Daniel, elected last fall, did not return to the University. Other officers elected last quarter were Miss Gabrielle McColl, president, Miss Margaret Powell, vice-president, and Miss Betty Jones, secretary. Miss Mary Hicks was also announced yesterday as the new student council representative of the Law school house.

The coeds discussed the furnishing of the two rooms in Graham Memorial that will be the permanent offices of the woman's student association. Mrs. M. H. Stacy, adviser to women made suggestions concerning the equipment that would be needed.

First Year Men Hear About Fraternity Life

The freshmen assemblage was addressed yesterday morning by Francis F. Bradshaw, dean of students, who used as his topic, "Fraternities."

A definition for fraternities was first given by the speaker, followed by an enumeration of the three main considerations which should be adopted by those men of the class of '35 who are thinking of joining a social lodge. These three things were: one should like the personnel of the fraternity; should consider the influence that a particular group will have on his college life; and third, whether or not the association will help him become a better man more fit for life's work.

Following this the dean of students mentioned the financial side of the question, stating that unless one is able to meet fraternity expenses he should not contemplate joining. Concluding, he advised the first year who will become members of some social fraternity to base their choice upon that organization which is prominent in their generation. He then urged the freshmen to keep at their work at this time in spite of predominance of the rushing season.