

CATE ANNOUNCES COMPLETE PLANS FOR SENIOR WEEK

Class Meeting This Afternoon In Gerrard Hall at 2:00 To Begin Program.

Complete plans for senior week were released yesterday by Arlindo Cate, president of the class. They constitute several changes from last year's procedure.

Cate urged all seniors to wear their senior sweaters throughout the entire period. He asserted that in order to make the annual week affair a success it was necessary for all fourth-year students to cooperate wholly with class officers in the program.

All seniors were requested to obtain their sweaters from Randolph-McDonald tomorrow. Commencement Bids on Sale

Cate also made an important announcement yesterday regarding commencement invitations, further information of which will be given at the class meeting tomorrow night. Cate stated that orders will be taken Tuesday and thereafter, and that members of all classes could obtain them from committee members.

The week's activities will begin tomorrow night with a short meeting of the class in Gerrard hall at 2:00 o'clock. At this time President Cate will explain the altered plans for commencement and hear discussion on the subject. A report by the diploma committee will also be in order.

Williams Conducts Vespers

Tuesday night at 7:00 o'clock the customary vesper service with Professor Horace H. Williams of the school of philosophy conducting. Professor Williams has attended in this capacity for many years. The service will officially open the sen-

SALON ENSEMBLE TO GIVE RECITAL

University Musical Group to Play at Prospect Hill Tuesday.

The Carolina salon ensemble, conducted by Thor Johnson, will present a concert in the high school auditorium at Prospect Hill Tuesday evening at 7:30 o'clock. The appearance is sponsored by the local parent-teachers' association and was arranged by the principal of the school, H. McSwain, an alumnus of the University.

The presentation will be in the form of a lecture concert in which Johnson will explain the uses of the different instruments of the orchestra. The use of each instrument will be illustrated by members of the group. Burke Smith, flutist, Harry Lee Knox, pianist, and Raymond Brietz, baritone, will appear as soloists. Knox will also play the solo part to Hazelman's *Grainger in the Mountains* which was presented for the first time by the ensemble in Winston-Salem April 21.

The entire program will include *Farandole*, from the *Arlesienne Suite No. 2* by Bizet; *Mountain Song* by Stringfield; *Ungarische Melodei* by Keller Bella, *Aubade*, from *Le Cid* by Massenet; and *Prelude du De-luge* by Saint-Saens.

Interviews Show Student Leaders Opposed To War

Treasurers To Meet With Student Auditor

Treasurers of the following organizations are requested to meet R. H. Sherrill, student auditor, in the business office in the basement of South building tomorrow or Tuesday afternoon between 2:00 and 4:30 o'clock.

Freshman, sophomore, junior, and senior classes; Civil Engineering Society; American Institute of Electrical Engineers; American Institute of Chemical Engineers; Medical Society; Law association; Pharmacy association; Woman's association; Mechanical Engineering association; and the Interfraternity council.

If the treasurer of any one of these organizations is unable to meet Sherrill at this time, he is asked to telephone and arrange for a conference at a suitable time.

CAMPUS GROUPS SPONSOR DANCES

Seven Social Affairs Included in Week-end Program Which Ended Last Night.

Four dances on the social bill for yesterday afternoon and last night brought to a close the week-end program of seven dances given by several campus organizations.

Guests at the house parties conducted by Phi Kappa Sigma and Kappa Alpha were entertained at a tea dance at the Carolina Inn yesterday from 4:30 to 6:30 o'clock. Music for the occasion was furnished by Jelly Leftwich and his orchestra.

In connection with the Tau Epsilon Phi house party, the fraternity staged a dance at the Carolina Inn last night from 9:00 to 12:00 o'clock, with Archie Davis's orchestra furnishing music. Chaperones at this event were: Dr. and Mrs. J. P. Harland, Mr. and Mrs. Jack Addestone, and Mr. and Mrs. E. J. Evans of Durham.

Annual Society Affairs

The annual entertainment given by the Phi Assembly and the Di Senate took place yesterday in the form of a dance at the Bynum gymnasium. The affair, at which Archie Davis and his orchestra played, lasted from 6:30 to 9:00 o'clock.

The Order of the Grail closed its spring schedule of dances last night at Bynum gymnasium. Jelly Leftwich and his orchestra played. At the dance, which ran from 9:00 to 12:00 o'clock, the new members of the Order who were inducted Thursday night were honored.

Virginia Delegation Addresses Cabinets

Members of the three-man delegation from the Virginia Theological Seminary of Alexandria, Virginia, will address the Y. M. C. A. cabinets tomorrow night at the last regular meetings of the groups.

Henry Johnson, formerly Dean Bradshaw's assistant here, will address the freshman friendship council, Doc Hines will speak to the sophomore cabinet, and Reverend A. C. Zabriske, professor of history at the seminary, will address the junior-senior group.

Opinion, However, Is Divided; Three Say They Will Fight Under No Circumstances.

By Lonnie Dill and Milton Stoll
"Farewell to Arms" may be the theme song of northern colleges, but student opinion on the University of North Carolina campus seems to be divided on the subject of going to war. Out of thirteen interviews twelve students voiced an opinion definitely opposed to an aggressive war, the thirteenth not defining his stand on the Martian question.

Four students declared that they would fight only if the United States were invaded; three, that they would enlist following the Congressional declaration; three, that they would fight under no circumstances; and two, that they would submit to a draft.

In spite of these widely differing opinions, it was evident that the students had thought carefully about the matter of going to war and were expressing themselves honestly.

War Rooted in Human Nature

Tom White of Hertford, member of the junior class and football letter-man, doesn't believe that much can be done about preventing war. "I would enlist," he says, "out of patriotism, but I am opposed to war and its causes, which seem to me to originate in the faults of human nature. It is difficult to say whether these faults may be overcome."

Don Shoemaker of Middle-

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BRADSHAW TELLS N. C. FEDERATION OF POSSIBILITIES

Dean of Students Cites Simonism of Last Century as Example.

"Perhaps more than any other time, the old line about the fate of the country lying in the hands of youth is applicable now," Dean Francis Bradshaw told the delegates to the congress of the North Carolina Student Federation at their luncheon yesterday, the concluding day of the congress.

Centering his talk around the progress which evolved from a cult in France called St. Simonism in the early 19th century, Bradshaw pointed out that the spirit behind the movement, young St. Simon, conceived his ideas in his youth, continued them throughout his life, changing them as he saw better ideas for the betterment of mankind.

Development of Ideas

Having its beginning as a new religious cult, Simonism tended to deal with mysticism and immorality for a time; but the youthful ideas of the group changed and they saw that a scientific group, with an aim to help mankind settle its problems would begin a movement to change the course of civilization. One of the first works that they sponsored was the construction of the Suez canal and from that other industrial movements were begun. In spite of its idiosyncrasies, Simonism put into human thought

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Horne Selected President Of Student Federation

Bill Roberts Dies In Auto Accident

Bill Roberts of Marshall, popular senior, member of Beta Theta Pi, and prominent in social activities, died yesterday as a result of an auto accident. He was thrown from the car, a roadster driven by Ralph Myers, when the car struck a wagon just this side of Hope Valley on the Durham road last night.

Roberts died before anyone could pick him up. He was bleeding badly and his skull must have been fractured. Myers was not seriously injured. John Boynton, the third member of the party was seriously injured, but the Duke hospital reported that it would not be fatal. This is the third serious accident in two days.

ORGANISTS OPEN MEET TOMORROW

Student Organists' Competition At Presbyterian Church to Feature Program.

The North Carolina chapter of the American Guild of organists will open its annual spring convention at 2:00 o'clock tomorrow afternoon in the Hill Music hall. Professor Nelson O. Kennedy, dean of the chapter, will preside.

A feature of the convention will be a contest for organ students of this state at the Presbyterian church beginning at 4:00 o'clock. This contest will be open to the public. The meet will be closed with a recital in Hill Music hall at 8:00 o'clock by Lawrence C. Apgar, organist and instructor at Duke University. Apgar is a graduate of Yale University and the Curtis Institute of music where he was also associated as instructor in organ. He has been connected with Duke University as organist and carillonneur for the past year.

Apgar's program will include *Prelude and Fugue in G major and Chorale Prelude* by J. S. Bach, *Dreams* by Hugh McAmis, *Brittany Suite* by Dupre, *Scherzo* by Gigout, *Pavane* and *Gigg* by William Byrd, *Toccata* by Farnam, *Carillon* by Delawarter, *Chorale Prelude on a theme of Bach* by Zechiel, and *Westminster Chimes* by Louis Vierne.

Kennedy Concludes Series Of Recitals

Professor Nelson O. Kennedy will conclude his series of vesper organ recitals with a concert in Hill Music hall this afternoon at 4:00 o'clock.

The program will include *Variations de Concert* by Bonnet; *Sketch* by Shuman, *Priere* by Jongen; *Festival Prelude*, based on the hymn *Ein Feste Burg*, by Faulkes; *Andante Canabile* by Tschaiakowsky; *Cradle Song* by Iljinsky, and the *Prelude to act III* from Wagner's *Lohengrin*.

Carroll Talks Tonight

Dean Dudley D. Carroll of the commerce school will speak at the local Baptist church this evening.

Margaret Plonk, Vice-President; Virginia Garnett, Secretary; James Phillips, Treasurer.

WINSTON-SALEM CHOSEN SITE OF NEXT CONGRESS

Resolution Passed Favoring Cooperation Between Big Five And Little Seven.

Wendell Horne, out-going president of the Duke student body, was unanimously elected president of the North Carolina Federation of Students and Margaret Plonk, president of Woman's College student body at Greensboro, was chosen vice-president, also by a unanimous vote.

Other officers elected at this session were Virginia Garnett, president of the student body at Meredith College in Raleigh, secretary, and James Phillips, president of the student body at Wake Forest, treasurer. All offices were unanimous.

Choice of Salem College

After considering discussion on the advisability of having the site of the congress on the same campus with the president of the Federation, a motion was defeated whereby each president would automatically invite the congress to his campus. Winston-Salem was chosen by a unanimous vote for the site of the next congress, with Salem College for women acting as host to the delegates.

The congress, in a plenary session, adopted all the motions passed by the separate discussion groups which met during the day. Among important resolutions passed was one favoring the non-interference of the faculty with the functions of student government except for an advisory board or appeal board and an orientation program which would acquaint

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CONTEST WON BY MRS. MACMILLAN

Young South Carolina Dramatic Soprano Becomes Eligible For National Debut.

Mrs. Flora MacMillan of Lawrens, S. C., was declared winner in the contest for young artists of the South Atlantic district in Hill music hall Friday evening under the direction of the Federation of Music clubs. By winning this contest Mrs. MacMillan becomes eligible to compete for a \$1,000 cash award and a concert debut in the national contest sponsored by the federation in Minneapolis late this month.

Mrs. MacMillan, a dramatic soprano, is a student of Fredrich Haywood of New York City. She has attained the highest contest ranking possible for an amateur musician by qualifying in the young artists classification which requires that each contestant have a complete concert repertoire committed to memory.

Salem Girl Wins

In the contests in the student musicians classification Mary Mills, contralto, of Salem College, was winner in the women's division. Ward Wiles of Lenersbury was winner in the men's class. Fletcher Moore of Elon College won in both the

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Carolina's Inventor Of Bunsen Burner Deprived Of Due Credit

Dr. Francis P. Venable, Known as "Grand Old Man of Chemistry," Invented Burner Used in Laboratories Today, Yet Credit Was Given to German.

"Ten years ago I was walking down a street in Heidelberg, Germany; I came to the public square and saw a statue: 'To the Memory of Robert Wilhelm Eberhard Bunsen' . . . I felt like picking up a brick and knocking hell out of the statue!"

This murderous remark coming from the usually mild Obie Harmon, manager of Swain hall, was occasioned by his recalling the famous case of Dr. Francis Venable, former president of the University, and the Bunsen burner. Although the dispute over the credit of the invention occurred many years ago, Obie, an intense admirer of Dr. Venable, still feels indignant that the great invention is not titled, "The Venable Burner."

Received No Credit

Dr. Venable, nationally-known as a great chemist, considers his greatest contribution to chemistry the invention which improved to perfection the once crude Bunsen burner. For this, his most significant piece of work, the aged scientist has never received due and fitting credit and honor.

Robert Wilhelm Eberhard Bunsen, upon whose statue loyal Harmon has such ferocious designs, invented the first apparatus which most nearly resembles the modern Bunsen burner. This apparatus proved to be most inefficient, because it burned with a large smoky flame without producing

the intense heat desired. It seems that the chief defect of this burner was caused by the air intake.

Bunsen's Burner Crude

The apparatus in general was a rather unfinished construction. It consisted simply of a chimney with two jets at the base which served as intake valves. It was a difficult matter to adjust such an intake precisely so that it would produce a serviceable flame.

Dr. Venable studied the machinery invented by Bunsen and discovered a way of improving it. His remedy for the situation led to his invention of what is now regarded the modern Bunsen burner. In this new invention, not merely a modification of the original, Dr. Venable placed a screw at the base of the burner which afforded a fine adjustment for delicate control of the flame.

Announced in 1867

The improvement of the Bunsen burner and the subsequent results appeared in an article in the *Elisha Mitchell Scientific Society Journal* in 1867 by Dr. Venable. He stated in that publication: "The main feature is that the supply of gas is regulated at the base of the burner by a milled wheel and that this supply is diminished only at the issuing jet inside the chimney."

Not realizing the great financial value in his invention, Dr. Venable sold the right for its

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