

—Technique Staff Photo.

Freshmen Co-op students Pete Thomas and Spencer Brock watch as Pat Vines inspects her lipstick print. The kiss-card will qualify her for the title of "Miss Perfect Lips."

## Paramount Plans Film On Lanoue Swim Test

Not too long ago Georgia Tech came into the national limelight when swimming coach Freddy Lanoue conducted an eight-hour endurance test in the school's indoor pool. The unique experiment attracted the photographers of LIFE Magazine, and the results were displayed prominently in the recent June issue.

LIFE, however, proved not to be the only one interested in Coach Lanoue's project. During the past week the tests have been re-staged for the benefit of Paramount Studios and the Acme News Service.

Last Sunday, the photographers of Paramount and Acme attended the lesson in "How Not to Drown" at the North Fulton Park pool. Tonight the scene will be changed back to the Tech tank where underwater pictures will be taken of the swimmers.

Due to the article in LIFE,

Coach Lanoue has also received about forty letters from all parts of the nation, Canada and Mexico requesting more information about the tests.

The United States Air Force has asked permission to include Lanoue's method in its "Basic Survival Manual," which is currently being rewritten at the Research Studies Institute of the Air University at Maxwell Air Force Base, Alabama. Air Rescue Service Headquarters in Washington has also written Lanoue concerning the

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## Vocational Counseling Clinics To Aid Prospective Students

By Eddie Logan

The office of the Dean of Students is inaugurating this summer a series of Vocational Counseling Clinics, designed to provide for the interested high school graduates an opportunity for pre-college evaluation in terms of the likelihood of educational and vocational success. The Counseling Clinics are being held in a series of ten two-day periods during the months of June and August.

The major portion of the first day is devoted to testing. The tests include interest and personality inventories, academic aptitude, and achievement tests. An explanation of the purpose of each test precedes the testing session. Special aptitude tests may be recommended by the counselor to suit the needs of particular individuals.

Each boy is assigned to a counselor who works with him throughout the Clinic. Each counselor meets his counselees soon after the Clinic begins to answer questions, explain procedures, and arrange individual conferences. In the individual interviews the counselor interprets results and relates them to the student's previous achieve-

ment, training, and experiences. Thus, the high school graduate may appraise his interests, his strong points, and his limitations, these are discussed as they relate to vocational goals and to the possibility of doing satisfactory work in college. The counselor will discuss vocations and the type of training necessary—when desired, the counselee will be referred to other sources of information.

Vocational testing and counseling is a professional service designed to help the boy reach a better understanding of himself—his aptitudes, interests, and personality characteristics. After a comprehensive battery of tests has been administered, the counselor explains in a personal interview the relationship of the test results

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## Co-op Club Presents 'Perfect Lips' Dance

### Annual Affair to Highlight Summer Social Calendar

On Saturday night, August 11, the Georgia Tech Co-op Club will present their annual Miss Perfect Lips Dance in the Sky Room of the Municipal Auditorium. The dance, which will be open to the entire student body, will be informal and is scheduled to last from eight o'clock until midnight. Dress is coat and tie for boys and party dresses for the girls. Tickets will be available soon for \$1.50, stag or drag, at the information desk in the Administration building and from members of the club.

Furnishing the music will be the ten piece orchestra of Bobby Henderson, who has played at the Co-op dance for the past three years. Henson, who is well known throughout Atlanta as a fine musical entertainer, promises to furnish the pleasing music and atmosphere necessary to make a perfect evening.

During the past week the thirty-four new co-op freshmen have been busy selecting girls throughout Atlanta and soliciting lip prints on the kisscard entry blanks for the Miss Perfect Lips contest. Each rat was given a minimum of five cards containing such information as name, address, phone number, age, height, weight, color of hair and type of man preferred. These cards will be turned in to the club executive committee who will select five finalists.

The name of the lucky girl who wins the contest will be announced at the dance, and the presentation

of prizes will be made at that time. The awards which are to be given to the five finalists will be donated by local merchants.

As always, the Co-ops are expecting a large turnout, and the spacious Sky Room, which has a capacity of three hundred couples will be decorated for the occasion. Tables will surround the dance floor and refreshments will be on hand.

The Miss Perfect Lips Ball is an annual feature of the Co-op Club and highlights the social calendar of each summer session here at Tech. This will be the club's only school-wide affair, but there are various socials planned for the members throughout the quarter.

John Wright, president of the Co-op club extends to all students a special invitation to attend the dance and enjoy an evening of dancing and entertainment. Wright will also have the enjoyable task of announcing the winner of the Miss Perfect Lips contest and of sampling that perfect pair to ensure the club not having made any mistake in their choice.

## Honor Student's Qualities Outlined by Military Units

By George Ragovis

During every year a number of students in the advanced courses of both the Army ROTC and Air Force ROTC, here at Georgia Tech, are appointed as Distinguished Military Students.

This is an honor and a recognition of special capabilities possessed by the individuals chosen to receive this distinction. Anyone appointed as a DMS must have leadership qualities of high caliber and also attain a high point average in his military course as well as in his other studies.

In the advanced course of Army ROTC the individual Section Head chooses the tentative candidate for receiving the distinction of being a DMS. This appointment must be approved by the Professor of Military Science and Tactics, Colonel Arnold D. Amoroso, and then further approved by the President of Georgia Tech, Blake R. Van Leer, after which the appointment is sent to Washington.

In the advanced course of Air Force ROTC after the appointment is made it must be approved by the Professor of Air Science and Tactics, Colonel James F. Thompson,

Jr., and a board of officers of the AF ROTC staff.

The student to be chosen as a DMS must have finished his third year of military science; he must possess high military aptitude, good military bearing, high qualities of leadership, and besides that he must be in the top third of the advanced course in military science and in the top half of his academic course.

Students who maintain their standing as Distinguished Military Students upon their graduation from school are designated as Distinguished Military Graduates or DMG and get a chance to apply for a commission in the Regular Army or Regular Air Force. This gives an opportunity to students who like the military aspects of life to seek a place in the field that

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### Degree Candidates

A list has been posted in the Administration building of those students who have filed petitions for admission to candidacy with the expectation of completing the requirements for a degree during the Summer Quarter 1951. All degree candidates are requested to check this list and to report any omissions or corrections to the Office of the Registrar.

### Veterans Changing Courses Next Fall Urged to See VA

All veteran students, both PL 346 and PL 16, who expect to change their type of course for the fall term starting September 24, 1951 should come to the Coordinator of Veterans Affairs Office, Room 102 Knowles building, for the official change of course papers. Since a change of course involves the approval of Georgia Tech, the Veterans Administration, and the issuance of a supplemental Certificate of Eligibility for your new course, all veteran students planning to change their present course—such as a change from Electrical Engineering to Mechanical Engineering for the fall term—are urged to complete the necessary papers now and not later than August 8, so that they will be cleared by the Veterans Administration.

All veteran students who change their course for the fall term must be considered as a "New Veteran" student on registration day, September 24, 1951, so far as veteran's affairs are concerned and should follow the instructions that apply to "new veteran" students.

### YMCA Dance

Open House Dance will be held at the Georgia Tech YMCA from 8:30 until 11:00 p. m. every Friday night. Invitations have gone out to young ladies throughout the city. To maintain the pleasant atmosphere which we endeavor to promote, it is requested that gentlemen wear sport or dress shirts with dress trousers. Come and enjoy a lovely evening with dancing, refreshments and girls.



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## DEFERMENT

... program meets with disapproval of LSU Editor.

The new draft deferment program for college men proposed by General Hershey and endorsed by Congress sets a double standard that may well be the death knell of special privileges for students. Officials believe the aptitude test planned for screening students would flunk at least 50 per cent of high school graduates and a much larger percentage of the general public, thus making it an effective gauge for deferring college students. But coupled with this test is the provision for deferment on the basis of a student's standing in his school, even if the student flunks the test.

We can understand the opposition, marked most recently by vigorous statements of Senator Lodge of Massachusetts and the Veterans of Foreign Wars, to a plan which would offer such an unstandardized method of drafting college potential. It is easy to see the advantage created for men of means with the slightest aversion to the service; they can pick a crisp school and coast through four years of comparative freedom while men as capable are fighting the war.

No, a fair and effective means of

keeping qualified students in school will have to be based on requirements stringent enough to pacify the proponents of "equality" draft. If Universal Military Training ever gets through the maze of congressional wranglings, a deferment plan as such might not be necessary. The services can then effect their own quasi-deferment with an educational program like the old V-12 training carried out by the navy in World War II, only on a bigger scale. This would eliminate the more obnoxious elements of inequality which tend to offend the hearts of the patriotic. Providing an adequate supply of college men would be a matter of placement by the services, and not deferment by draft boards. Under this scheme no one can object to discrimination: the army is constantly separating combat troops from non-combat troops, not always for physical reasons.

Intelligent thinking authorities agree that some method is necessary for fulfilling the country's professional needs, whatever the emotionally over-wrought feelings of certain people are on the subject. However, the deferment program being contemplated at present

## Communists

Monitor cites example set by actors Hayden and Parks.

What makes a Communist?

Inside Russia it is often the fact that he has known nothing else. Inside the satellite countries joining is sometimes the only doorway to a square meal. Within some of the war-impoorished nations it often has been the hope offered by a party with a do-something program and promises, however empty, of bread and work. In the United States the reasons are more elusive.

We shall not attempt to plumb the murky train of thinking which has led some people to become and remain unquestioning zealots in a conspiratorial cabal. But the testimony of two motion-picture stars should remind us that there have been domestic Communists and Communist sympathizers who deserve pity as well as shame.

The stories told by Larry Parks and Sterling Hayden to the House Committee on Un-American Activities par- could fill these needs, but it could also anger a great many people. Tightening the rules or changing the program completely are possible steps in avoiding this opposition.

—LSU Reveille

allel the general tenor of letters which have trickled into this newspaper office from time to time—letters from visionary perfectionists—softheaded, we fear, as well as softheaded. They come from poetic humanitarians who have set utopian standards of social justice for their country, and then becoming obsessed with its failures and blind to its successes, feel somehow betrayed. A movement which promises a clean sweep satisfies this sense of betrayal. It finds them an easy mark.

Mr. Parks has confessed his "bad judgment" freely. Mr. Hayden explains he had "wanted to do something for a better world," but now declares that joining the Communists was "the stupidist, most ignorant thing I have ever done." Both say they long since withdrew.

Every sentimental Communist cannot be expected to recant publicly. But the widely publicized examples of Mr. Parks and Mr. Hayden should startle many of them into self-examination, and bring some—we hope—to their senses.

—The Christian Science Monitor.

### TECHNIQUE PLATFORM:

1. Student voice in matters of student interest.
2. Encouragement of school spirit.
3. Better orientation and vocational guidance.
4. More participation in the intramural sports program.
5. Promotion of active campus organizations.
6. Erection of an adequate library.
7. Erection of a Student Union building.

The Technique will at all times attempt to represent the best interest of the students in current discussions and controversies.

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## Alan Pope Takes Leave To Do Atomic Research

Mr. Alan Y. Pope, associate professor of aeronautical engineering here at Tech, has been granted a leave of absence from the school in order that he might work with the Sandia Corporation. The Sandia Corporation, located in Albuquerque, New Mexico, is a division of Western Electric.

The government awarded the Corporation a contract for the evaluation of the effects of atomic weapons. Although the work is classified, Mr. Pope could say that he will be doing wind tunnel work somewhat like that he has been doing here at Tech. Mr. Pope expects to be absent from Tech for at least a year.

In 1934 Professor Pope received his bachelor degree in aeronautical engineering from Tech and later returned to obtain a masters degree in 1939. He came to Tech as a professor in 1941 from Langley Field where he was associated with the N. A. C. for Aeronautics. Since Mr. Pope has been at Tech he has supervised more than one hundred wind tunnel experiments of all types and has written three text books. The names of his text books, which are used here at Tech, are "Basic Wing and Airfoil Theory," "Wind Tunnel Testing," and "Aerodynamics of Supersonic Flight."

Active in many of the campus organizations, Mr. Pope is on the administrative council of the school and also a member of the advisory committee of the council. He is a member of the guidance committee, a member of the Publications Board, honorary chairman of the Tech chapter of the Institute of Aeronautical Science and of the

honorary society, Tau Omega. Mr. Pope has served recently as faculty advisor of the Engineer.

## Chesterfield Offers Magic Pack Contest

Don Gordon has been recently reappointed for the summer quarter as campus representative for Chesterfield Cigarettes. The Chesterfield Company has a representative on each college campus to put Chesterfields before the student as the cigarette to smoke.

Beginning Monday, July 23, Don will conduct a "magic pack" contest, giving away free Chesterfields to the lucky winner. Each week a free carton of Chesterfields will be presented to the buyer of the pack of Chesterfields from the College Inn which has the magic seal on the back. A new contest will be held each week for the next several weeks.

## Job Opportunities Improve For Graduating Engineers

By Doug Bryon

The 1951 graduating class of Georgia Tech is finding job opportunities such as few classes of past years have enjoyed. Due to the ever increasing shortage of engineers, demand for grads is up twenty-five to fifty per cent over last year, and starting salaries have been raised as much as fifty dollars over previous offers.

### Salaries Average \$300

There are some 1,450 graduates in the Tech class this year, including those who finished in September and December of 1950, and March and June of 1951. Of this number, all but fifteen have obtained employment, with salaries averaging three hundred dollars a month. This is a good indication to the undergrads of their future importance in the technical world, for the acute shortage of engineers is expected to last for at least three more years.

A large part of the credit for placing this high percentage of the class goes to Dean Fred Ajax, who arranged thousands of interviews for the prospective engineers and assisted them in making numerous connections. Dean Ajax is in contact with over five thousand and companies who are in need of degree-holding employees. Since last summer, over 15,000 student

interviews with representatives of these companies have been conducted here on the campus.

Tech graduates are being distributed to all sections of the country, with half of them remaining in the Southeastern states. Undoubtedly, many of these, who jobs are not classified as essential, (Continued on page 4)

## Techwood Theatre

Saturday, July 21  
**NORTH OF THE GREAT DIVIDE**  
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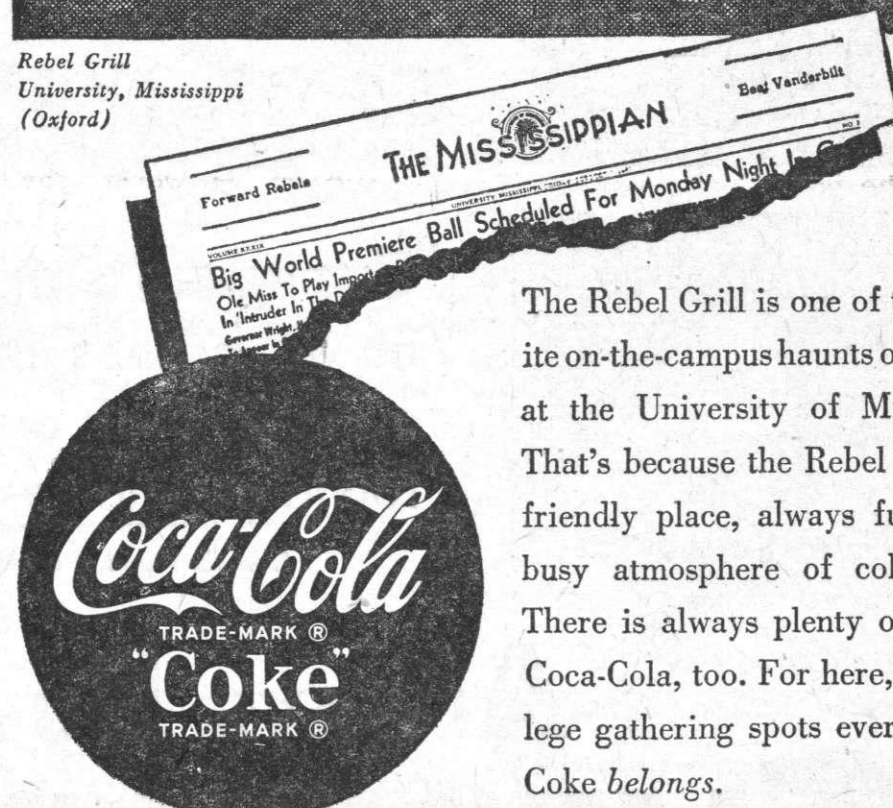
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**Jobs—**

(Continued from page 3)

will have to serve in the armed forces. Most likely, the majority of these, having completed four years in one of the branches of ROTC, will serve as commissioned officers. Dean Ajax was unable to say just how many would be called to active duty.

**Future Encouraging**

At present, the outlook for future graduates is even more encouraging, in so far as industrial opportunities are concerned. Due to the current mobilization program and the decreasing enrollments in technical schools, the demand for engineers will probably skyrocket even higher in the next few years.

**DMS—**

(Continued from page 1)

they are interested in.

During the last school year in the advanced course of the Army ROTC fifty-two students have been chosen from the various branches of the service that are maintained at Georgia Tech, and have been designated as DMS. On the other hand the Air Force chose thirty-six students from its ranks.

**Lanoue—**

(Continued from page 1)

employment of his floating methods by a person who might be stranded at sea.

In the original test 56 novice swimmers, some bound hand and foot, took part in testing a conclusion reached by Coach Lanoue during his fifteen years at Georgia Tech. His conclusion was that a swimmer would only lessen his chances of survival by trying to keep his head above water by treading.

Lanoue has substituted a technique of subsurface floating for treading to conserve energy for a long stay in the water. In this technique the body's normal floating capacity will maintain the body just below the surface enabling the floater to trust up for a deep breath every five or six seconds.

**Clinic—**

(Continued from page 1)

and past experiences to various types of training and occupational goals and may suggest sources of information on vocational opportunities and requirements. Thus he will assist in formulation realistic educational and vocational plans.

At these clinics a student may decide whether or not to attend college; consider suitable vocations and the methods of obtaining vocational training; get information about course requirements; confer with members of the Georgia Tech faculty; select fall term courses, if he plans to attend Georgia Tech.

Talks are given on the subjects "The Military and How it Affects You," by Dean Griffin; "Selecting a Vocation," by Dean Massey; "Job Opportunities for Engineers," by Dean Ajax and results from the previous days test are presented to the counselee on the second day.

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