



—Photo by Truett
Mrs. Dale Lupton, nurse, administers an injection to patient John Mahaffey, who rests comfortably on the new hospital furniture.

New Hospital Furniture Adds to Patient's Ease

By Hugh Bivens

The Georgia Tech Infirmary, always striving to make their patients' stay in the infirmary more pleasant, has added some new furnishings in keeping with that idea. The old beds have been replaced by thirty new hospital beds of the latest type. An equal number of bed side cabinets, overbed tables, and fifteen chairs have replaced the old equipment.

The new beds feature several improvements over the old ones. The old beds had to be cranked by someone in order to raise or lower the patient. This sometimes took a lot of the nurses' time if the ward was full. The new beds have changed the situation. The patient himself raises or lowers his bed with a small "finger tip control" lever within arms reach, by merely pushing or pulling the lever, the patient is able to adjust the bed to the position desired. The new mattresses on the beds are inner spring mattresses.

The overbed tables are quite unique. They go over the bed, as their name implies, and have several uses. One use is to support a patient's tray while he is eating. This enables the patient to have his tray directly in front of him and he does not have to lean over the edge of the bed to eat. In addition the table allows a patient to shave himself in bed. A section of the table top can be raised and underneath is a small basin and mirror. If the section is raised in the opposite direction the table becomes a holder for a book or magazine and enables

a patient to read in comfort in his bed.

The addition of the new furnishings costing \$3,800 represents a major step in bringing the Infirmary up-to-date. The next step is the installation of venetian blinds.

Dr. Van Leer Listed With Four Georgians In Latest Who's Who

The 14th edition of the "International Who's Who" just published in London, England, by Europe Publications, Ltd., lists four Georgians among the 12,000 political leaders, scientists, educators, engineers, writers, etc., of the world, whose biographies are carried.

Included in the 1031-page book are Dr. Blake R. Van Leer, president of the Georgia Institute of Technology; Senator Walter F. George; Senator Richard Russell; Dr. Raymond R. Paty, executive director of Rich's Foundation and public relations director of Rich's.

New English Language Course Planned for Foreign Students

By Hugh Bivens

Plans have been made by the English Department to offer an English speech course for foreign students at Tech. The English Department has petitioned the Curriculum Committee for permission to offer the course. It will be taught beginning in the fall quarter if permission is granted.

The Latin American Club, which has long recognized the need for such a course at Tech, was the moving force behind the addition of the speech course to the English curriculum. The English Department had been mainly concerned with the written English of the students at Tech who are from foreign countries. The principle objective of the course will be to help the students overcome the English enunciation difficulties that are peculiar to the Spanish speaking people. Records will be used extensively in the course to teach the students correct English enunciation, and recordings will be

made in order to observe the program of the students.

Professor Folk will teach the course and, for the time being, it will be limited to foreign students only. Admission to the class will be by permission of Dr. Walker, head of the English Department.

The addition of this course to the English curriculum represents another achievement of the English Department in helping the students by offering them service courses. Some other service courses offered are speed reading, remedial English, public speaking, and technical English.

Air Reservists at Tech Eligible for Deferment

Board Names Massey Publication Director To Replace Pershing

Tech in general and the publications in particular are losing, for a year at least, one of its finest Deans. Dean John Pershing has been granted a leave of absence to attend the University of Indiana for graduate study. A Doctorate in Education is the goal in sight. Dean Pershing, his wife, and two children will report for duty in September. They take up residence in a spacious apartment consisting of a living room, bedroom with two double-decker bunks, a kitchen, and bath. Dean Pershing's only remark was that his body would be shipped back to Tech in the later part of June, 1951.

The Publications Board has obtained the services of Mr. T. Ben Massey of the Psychology department as director of publications. Mr. Massey has only been at Tech one year but already he is one of the most popular professors on the hill. Mr. Massey did his undergraduate work at Duke University and received his Masters in Psychology from North Carolina State. He is married with no children as yet.

When you walk into the office of the Psychology department you have the feeling that you are among friends. Student problems are important and they are never too busy to help work them out. The students and the publications are indeed fortunate to have Mr. Massey sitting in their corner. There are no changes in policy planned. He works on the premise that college students are mature individuals capable of handling their own affairs with slight supervision in some cases to curb their natural enthusiasm. He said he only asks for the same cooperation that the publications have given Dean Pershing. He said that we can depend on his support so long as we stay open and above board as we have in the past. He looks for a full schedule in the fall in addition to the publications.

There is an ever increasing number of students taking psychology and there are plans to enlarge the scope of the guidance facilities here at Tech. To our old friend and new director we say, "It's nice to have you aboard. Through cooperation and hard work we should see the Tech publications continue to improve as they have under Dean Pershing."



—Photo by Truett
Professor T. Ben Massey

Students Receiving Orders May Request Short Delay

Instructions to Continental Air Command, implementing and augmenting the Department of Defense overall policy for delaying recall of Reservists, were made public today by General Hoyt S. Vandenberg, USAF Chief of Staff.

Based on the assumption that all Reservists have an obligation to serve in the active establishment as required but that certain national, community, and personal interests may dictate temporary delays in recall, the following types and categories of Reserve personnel were listed as eligible for recall delay:

1. Individuals enrolled in educational institutions.
2. Those engaged in research and scientific activities.
3. Students of professional graduate courses in dental, veterinary or medical colleges or performing first year of medical internship.
4. Individuals engaged or employed in certain critical civilian occupations or essential activities, identified as such by the Departments of Labor and Commerce.
5. Hardship and dependency cases identified as such by existing Air Force Regulations.
6. Key "managerial" personnel whose call to active duty would cause material loss in production, services, or research necessary to the national health, safety, or interest.

In all instances where delay is sought on the basis of a critical occupation or participation in an essential activity, it is important that the individual concerned produce a statement from his employer or school office testifying as to his occupational or scholastic status.

If the Reservist feels it essential that his call to active duty be temporarily delayed he will proceed as follows:

1. Forward his request to the headquarters of the numbered Air Force issuing the recall orders, asking for delay in compliance with the orders. A minimum notification period of 10

days plus travel time is provided in all recall orders, but upon personal requests this period may be extended to a maximum of 30 days in justifiable cases.

2. If 30 days is deemed insufficient by the individual or his employer a written request for further delay may be forwarded to the appropriate numbered Air Force with documentary evidence to support the request. Normal delay period will not exceed six months, after which time the case again will be reviewed.

3. If the case is clear-cut within recall delay policies, the individual will be authorized the delay before leaving his residence. If the case cannot be decided on the merits of correspondence alone, the individual may be required to appear before a deferment board to supply additional information upon which to base a decision. Such boards are set up at the processing stations, or will be sent to a unit when a unit is being activated.

4. If the individual appeals the decision of either the deferment board or the numbered Air Force, the case will be referred to the Command Appeal Board at Continental Air Command for final action. Reservists, however, must comply with recall orders if initial delay request is not honored, or has not been acted upon by the time orders are to be effective.

All cases will be treated on their individual merits and no "blanket" deferments will be made. Request for delay may be submitted by either the Reservists or his employer but no request should be made prior to receipt of recall orders.

Two Cars Stolen on Campus Since Beginning of Summer

By Bob Tait

Contrary to popular rumor, an average of "one car every day" is not being stolen from the Tech campus—the number as stated by the rumor is a gross overstatement. However, two cars have been stolen from the campus this summer. The basis of the rumor is correct, but the magnitude is vastly incorrect.

Chief Wellburn of the campus police force states that a car belonging to R. J. Armstrong and a car belonging to W. M. Robertson, both Tech students, have been stolen this summer. Both cars were reported to have been in the parking area near the Hightower Textile building. Two other cars were taken last fall and one automobile theft was reported around Christmas of last year. Two of these cars were stolen from Campus Drive and the other from the parking area.

No arrests have been made yet, but the Atlanta police authorities are working on several leads. One of the five cars has been recovered, but it had been stripped and abandoned when it was found.

Chief Wellburn says that the rumor that "one car a day" had been stolen probably resulted from a misunderstanding about a statement that he

made to a group of students. He told the students that several people have failed to set the handbrake of their cars, but have been using the bumper of the next car to keep their car at rest. When the other car is moved, their car, with nothing to hold it, rolls off until it hits another car—causing damage in some cases. Chief Wellburn made the statement that this has been occurring "almost every day." Apparently, someone misunderstood the chief to mean that a car was stolen every day.

Emory University has experienced more serious trouble in theft of cars from the campus than Tech has. The thefts could be just random, but it appears that there is some organization behind them.

Students are warned to lock their cars, remove keys, and to firmly set the brakes to prevent cars from "rolling away."



Miss Barbara Ann Barber is presented the "Miss Perfect Lips" Cups. Photo by Truett.

Barbara Anne Barber Chosen Miss Perfect Lips of 1950

Eighteen-year-old Miss Barbara Ann Barber, 339 Glendale avenue, was selected as Miss Perfect Lips of 1950 by the Co-op Club of Georgia Tech, at the annual dance held last Friday night. Some 225 couples were present to see Miss Phyllis Leak, last years winner, award the loving cup which bears her title to Miss Barber. Miss Barber was presented with a beautiful rhinestone neckless and bracelet ensemble, courtesy of the Georgia Tech College Inn, and a certificate for an 8 x 10 color photo from Gaspar-Ware Studio.

Prizes for the runners up included a cosmetic kit from Davisons, gift certificates from Rich's and Walter R. Thomas Jewelry Co., a perfume flask from Bennets Jewelry Co., and two certificates for 8 x 10 black and white photos at Gaspar-Ware Studio. Cor-sages for the finalists were from

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Two Blocks from Tech

Dr. Brittain Attends Fisher Body Meeting To be Contest Judge

Dr. Marion L. Brittain, President Emeritus, Georgia Institute of Technology, Atlanta, Georgia, left August 14 to attend the annual convention of the Fisher Body Craftsman's Guild in Detroit, Michigan. Dr. Brittain is a member of the Guild's Honorary Board of Judges.

Dr. Brittain was among the guests of honor at the convention dinner on the night of August 15, where at least eight boys from among more than forty regional winners all over the nation received university scholarships as grand national prizes in the Fisher Body Craftsman's Guild model car building competition. Along with other leading scientists, educators, engineers and business leaders, Dr. Brittain will spend four days with these boys, going through some of the motor plants, the General Motors styling section, and other interesting points in Detroit. Two boys each from twenty regions of the country, whose model cars have been judged best in their regions in this annual \$65,000 competition, will compete for eight university scholarships, two each of \$4,000, \$3,000, \$2,000 and \$1,000. In the event of a tie, a duplicate scholarship award will be made, as has happened previously in Guild competitions. If the son of a General Motors employee lands among the winners, a duplicate award is made to the next highest competitor, so that non-GM boys may receive the entire amount of cash awards and scholarships, aggregating \$65,000, originally offered.

Anderson's, Greshman's, Karsner's, and Dahls florists.

Bruce Olson was the lucky freshman who entered Miss Barber as a contestant. Another of his entries was a runner up.

The support given this dance by the freshman Co-ops as well as the upper class Co-ops was the best since the war. This support and the fine music of Bobby Henson made the dance one of the years big events.

TECHWOOD THEATRE

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and

"EYES OF TEXAS"

Sunday-Monday, August 20-21

"THE BIG HANGOVER"

and

"RANGE RYTHM"

Tuesday-Wednesday, August 22-23

"THREE CAME HOME"

Thursday-Friday, August 24-25

"SO DEAR TO MY HEART"

and

"BOYS OF THE CITY"

Other Colleges Say—

A Definition of an Engineer Proves It Is a Vicious Circle

By Dick Wasserstein

An engineer is a person who passes as an exacting expert on the basis of being able to turn out with prolific fortitude infinite strings of incomprehensible formulae calculated with micromatic precision from vague assumptions which are based on debatable figures taken from inconclusive experiments carried out with instruments of problematical accuracy by persons of doubtful reliability and questionable mentality for the avowed purpose of annoying and confounding a hopeless chimerical group of fanatics referred to all to frequently as engineers.

A new and rather brilliant idea conceived by a staff member of the *Minnesota Daily* should keep students from walking on the grass between buildings. The idea is that when a new building is built the walkways are not constructed until the students have used the building and worn paths across the lawn. Then, the walkways are constructed over the worn spots.

Muddy roads may soon be a thing of the past through the contributions of chemical engineering. Work in the past few years on water repellent resins may revolutionize road construction, and save thousands of dollars in maintenance costs.

These are the prophecies made by Dr. Kenneth W. Coons, head of the University of Alabama chemical engineering research department, and printed in *The Crimson and White*.

The process by which dirt roads are waterproofed is comparatively simple. The chemical agent, which is made from a number of base products including waste from paper mills, is rolled and disked into the surface of the road to a depth of about six inches. Maybe someone will figure out a way to supply the chemical in a small package for use in water-proofing foxholes.

It is safer to ride with a driver who is tee-totally shot than one who is only half shot. This rather startling news is the claim of an article in the American Business Men's Research Foundation publication which

was reprinted in the *Cougar*. The article went on to state that the "had been drinking driver" killed 2.4 persons; turned over 10 per cent more times; and ran into pedestrians twice as often as the well looped driver. The reason for these facts was not printed.

Here's a warning note to instructors who keep an eye peeled for wandering student eyes on exam days. In Shebin-el-Kom, Egypt, a teacher reprimanded student Mahamed Shahin for dishonesty on an exam; Shahin promptly left the classroom, walked to the River Nile and drowned himself.

—The Auburn Plainsman.

Auburn is already preparing for the Tech-Auburn game to be played on October 21. Tentative plans for the traditional Wreck Tech rally, Pajama parade and float contest have just been released.

Overheard in an economics class:

Now I lay me down to sleep
The lecture's dry, the subject's
deep,

If he should quit before I wake
Give me a poke, for goodness sake!

—The Caveman.

Experiment Station Does Various Jobs Of Detailed Research

So far this year, the Georgia Tech Research Station has studied a total of ninety projects, fifteen of which were sponsored by the Electrical Engineering School of Georgia Tech. The remaining projects were the requests of private concerns and governmental agencies. The work varies greatly and may include aeronautics or mechanics, ceramics, biology, electronics, and almost any type of analysis problems, but all these types fall in three separate fields; chemical, physical, and mechanical sciences.

New Television Developments

A recent development, still in the testing stage is a three dimensional television receiver. It operates on the principle of velocity modulation as developed by Mr. M. A. Honnell and Mr. M. D. Prince of the Electrical Engineering and mathematics departments, respectively.

Great strides have been taken in research that will effect Georgia directly. The first is a streamlined pea-

(Continued on page 6)

If You Go to Tech Go to The Pickrick

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Photo by Truett.
Colonel James F. Thompson, Professor of Air Science and Tactics, pauses from his work for The Technique photographer.

Commander of Tech ROTC Graduate of Military Academy

By Gene Smith

Colonel James F. Thompson, commanding officer of the Air ROTC, came to Georgia Tech from Turner Field, Albany, Georgia, on the first of September, 1949. While serving as Professor of Air Science and Tactics of the Air Force, Colonel Thompson has come to like Tech, and has had cooperation from both faculty and students—about the latter, he had this to say: "They are fine boys, and seem to be interested in the Air Force ROTC."

West Point Graduate

Colonel Thompson was born in Chicago on August 2, 1909. In 1928, he left Chicago to begin his military career as a cadet at West Point. After graduating from the Academy in 1932, he went through flying school at Randolph and Kelly fields. Since then he has been stationed at various places throughout the country, including a visit to Massachusetts Institute of Technology in 1939 where he studied meteorology for a year.

World War II saw Colonel Thompson in Europe; where he served in France, Luxembourg, and Germany—a total period of twenty months. He held the post of Deputy Chief of Staff, 19th Tactical Air Command, which was the outfit that supported the famous General Patton's operations. Colonel Thompson knew both General Patton and General Gay, who is now with the fighting forces in Korea.

Member of War College

After leaving Germany in July, 1945, the Colonel headed for the Philippines to take part in the invasion of Japan, and was only three days from the Panama Canal when Japan decided to call it quits. On his return home, he became a member of the National War College and served in the War Department for two years. He was then made Executive Officer at Turner Air Force Base, where he remained for two years with the 31st Fighter Wing. From there he came to Tech, where he has served for almost

a year as PMS&T for the Air Force. Colonel Thompson has a wife and two children; a son, Jim, who is eight years old, and a daughter, Mary, who is thirteen. They reside with him here in Atlanta.

Election Slates Given By Co-op Freshmen

The election of the president, vice president and secretary-treasurer of the 1950 Freshmen Co-op Class will be held at the "Y" Tuesday night, August 22. Three tickets have been turned in to the presiding officers.

The first ticket is composed of Dan Troxler, president; Jimmy Chapman, vice president; and Robert Watkins, secretary-treasurer.

The second ticket lists Tom Sanders, president; Ted Meadow, vice president; and Lenord Wolfe, secretary-treasurer.

The third ticket lists the following men: Ray Hennick, president; Frank Hinds, vice president; and Milton Mott, secretary-treasurer.

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Psychologists at Tech Say Students NOT Overworked

Our Psychology Dept. has been very busy of late ferreting out information about you, your roommate, and those guys next door. Last quarter a preliminary study was carried out to determine how the average Tech man spends his time. Now is the time for all good Men to rise in righteous indignation at the results, but you'll be wrong. In spite of a popular belief that we of the flats have it worse than anyone on earth, the early results indicate that students here aren't suffering any more than the others subjected to organized higher learning.

This still-in-the-making study was initiated during the fourth week of the spring quarter which should be an average week. Twenty-eight men representing nearly every department on campus (there were no I.M.'s, T.E.'s, or A.E.'s) kept accurate data for seven days as to how they spent their time. The group was predominantly sophomore and junior. Their average age was 23.64, ranging from 19 to 34. They were 75% veteran, and 57% single. Most of the group lived in dormitories or at home. Their average point average was 2.64, ranging from 1.6 to 3.7. The results obtained checked very closely with other studies of a similar nature.

In spite of what you think, you spend 33% of your time in the sack, or about seven hours and fifty minutes a day. This is almost exactly the result a coed liberal arts college obtained.

Our second largest activity is recreation. This takes 26% of our time in the way of leisure, extra-curricular activities, bull sessions, wasted time, coffee runs, etc., or over six hours a day.

Study takes up 15%, or about three and a half hours daily. This figure is slightly higher than for tests in another college. It was interesting to note that one man, a Ch.E. senior, studies only six hours a week and has over a 2.0 average. Another student who spent forty-five hours during the week at the books has a 3.1 point average. He is a senior in the E.E. department.

Class and lab account for 13% of our day, which is 2% higher than other college results. This means that a little less than four hours a day is average.

Meals and travel time dispose of about 10% of total time. Indications are that we eat a bit faster than other college students.

The remaining 3% of our day is spent in outside work. This includes gainful employment only.

These results indicate that we get just as much sleep, are in class a little more, and eat faster than liberal art students. When a large enough volume of responses is procured, such relationships as amount of study to

point average, age to time spent and point average may be determined. Up until now there have been no relationships found between amount of reading and study, or intelligence to point average standing. So if your point average is hovering around 1.1 don't despair—you may be intelligent.

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Entered at the post office in Atlanta as mail matter of the second class. Accepted for mailing at special rate of postage provided for in Section 1106, Act of October 2, 1917, authorized April 3, 1922.

Subscription rates \$1.00 per quarter

STUDENTS DRAFT STATUS

... clarified in letter from Selective Service head Hershey.

In the last few weeks there have been so many varying and contradicting news releases concerning the draft status of students carried both by The Technique and by the local papers that we decided to attempt to secure the correct information for those many Techmen who are concerned about this situation. We took our inquiry to Executive Dean Phil B. Narmore's office in hopes of clarifying the information for the satisfaction of the students. There have also been some rumors concerning the indifference of the Dean's office toward those men desiring letters to their draft board.

One such rumor that was heard was that the Dean's office refused to grant one student a letter to the draft board because he was not in the upper half of his class. This is absolutely false. In the first place, the upper half of the class is a requirement and the Dean would not have to write the letter if the student is not in that upper portion. But the only occasion that has presented itself so far was the case of a student whose point average was far below the mid-point, but Dean Narmore wrote the letter to the draft board anyhow, just "accidentally" forgetting to mention the student's academic standing. The Dean's office is doing everything possible to aid the students in their quest for deferment from military service.

To provide an accurate report on actual status of students, we have a letter from the Director of Selective Service, General Lewis B. Hershey. It reads as follows:

1712 G. Street Northwest
Washington 25, D. C.
August 8, 1950

Operations Bulletin No. 1
Subject: College Students

1. Pending the development and adoption of such other policies as might be necessary with respect to college students, other than students of healing arts already covered in Local Board Memorandum No. 7, local boards may consider the following conditions when all three exist in the case of any registrant as warranting consideration for occupational deferment:

- (1) The registrant has completed at least one academic year of a full-time course of instruction at a college, university or similar institution of learning.
- (2) The college or university at which the registrant last completed an academic year of a full-time course of instruction certifies that the registrant's scholastic standing placed him among the upper half of his class.
- (3) The local board is satisfied by the record of the registrant's actions in making normally required arrange-

ments that he had full intended prior to August 1, 1950, to enroll in a full-time course of instruction at a college, university or similar institution of learning for the academic year ending in the Spring of 1951.

2. A full-time graduate student may be considered as having met conditions (1) and (2) above if it is certified by the college that in his last UNDERGRADUATE year of a full-time course of instruction the registrant's standing placed him among the upper half of his class. Graduate students frequently hold part-time assistantships in teaching or research as a normal requirement in the graduate educational process. When an assistantship in teaching or research IS A REQUIREMENT in the course being taken, the graduate student qualifies as a full-time student.

3. In the case of a registrant meeting the above conditions to whom an order to report for induction has been issued, the local board is hereby authorized by the director under that power granted him in Section 1625.2 of the regulations to reopen the case for reconsideration.

/signed/ Lewis B. Hershey
Director

To properly inform those students interested, we contacted Mr. H. W. Sturgis in the registrar's office and he gave us the following values as the lower limits for the various classes: Freshmen—1.9 . . . Sophomores—2.0 . . . Juniors—2.2 . . . Seniors—2.4.

These values are merely approximations and are a little out of date, but they can be used as an approximate limit to the classes. Up-to-date averages will be computed in the near future.

Students are urged not to contact the registrar or the Executive Dean's office until they actually received their orders from their respective draft boards.

Elsewhere in this issue of The Technique is an article on the status of Air Force Reservists. This information was received through the Air Force ROTC office here at Tech. Since there are many students in the various reserve units of the military service who are as interested in their status as there are those subject to the draft, we will try to secure the most recent news concerning such reserve status as is available without revealing restricted information. Read The Technique for the latest information received here at Tech in regards to both the draft regulations and changes in reserve status.

—B.E.

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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Five Years Ago

... the world situation looked bright, but things have changed.

August, 1950 is the fifth anniversary of a memorable month. It was five years ago this time that the atomic era was unveiled; the entry of a powerful ally into the Pacific war and the capitulation of the last of the axis countries. It was a jubilant month for the people of the world. Two atomic bombs, a new weapon surpassing anything that ever existed, had brought Japan to an unconditional surrender. It was felt by the citizens of this country that the new weapon had saved many lives that would have been sacrificed on the beachhead of Japan. The Russians' fighting in the Far East became the full realization of a partnership in a great struggle. Then finally, the news came that the second war to end all wars had come to a halt. For the first time in over a decade, the world saw peace. Our fighting men were coming home to their loved ones. Automobiles, refrigerators and television receivers were coming off the assembly lines again.

There were tense moments in these five years, here and abroad. England was on the verge of bankruptcy. Unarmed American planes were shot down by Yugoslavia. There was fear of an inflation and recession in this country. A civil war was raging in Greece. Berlin was shut off on the land to the West. The "iron curtain" was lowered. The Russians demonstrated their walk-out at the United Nations. Jews were

fighting the Arabs; Hindus against the Moslems; Indonesians against the Dutch. There were Communist riots in France and Italy. Chinese Reds were on the march. Philippines were terrorized by the Huks. Viet Nam guerrillas were trying to gain control of Indo-China. Some of these events were accepted as postwar adjustments. Many were settled by peaceful means. There were reasons to believe that ultimate peace will be attained.

And now, five years later, with World War II still not terminated by treaties, the world is engaged in another conflict involving a great magnitude of men and weapons. The breach of peace was a motive of aggression. It was conceived by calculated attacks. The U.N. intervention in Korea is but a police action—so it says. Let's hope it is such. But hoping alone is not enough. The world simply cannot afford to have another war because the atomic or more powerful weapons will inevitably be used. It will probably be the end of all wars and the complete destruction of mankind. Men are the most intelligent of all living things. They are capable of making ingenious mechanical devices to kill, but are unable to live with one another. Perhaps men are not so smart after all. We can't even fulfill the fundamental of our existence living.

—A.T.

With Work Underway

... on new lounges, students are urged to care for them.

Now that plans for the refurbishing of Tech dormitories are underway, it seems to be an opportune time to discuss the problem of vandalism. That the problem exists at Tech cannot be questioned—a short tour of the telephone booths and dormitory lounges will convince even the most rabid proponent of the "boys will be boys" theory. Whether the problem can be solved or not remains to be seen.

There are no statistics available on the destructiveness of the average American male, nor has it been determined whether Tech students exceed the national average or not. What is known is that furniture and clean walls have a phenomenally short life span at Tech, as evidenced by the battle scarred appearance of Smith, Glenn, and Towers dormitories, just now celebrating their second birthday.

It is not conceivable that Tech is overrun with willfully destructive souls, nor is it probable that Kilroy has lingered here long enough to be responsible for all of the doodles around the campus. The blame falls directly on the average student, George P. Burdell. It is not that he has an utter lack of respect for property or that he never spends a sober moment on the campus. It is

just that he does not always take time to think ahead of his actions. He finally lands a date for the weekend—another doodle appears on the walls of the phone booth. The phone reneges on his last nickel—another piece of plaster is knocked off the wall. He has received a curve in Mech—the seat cushions in the lounge split another seam.

George would not act that way at home, and there, perhaps, lies the crux of the entire problem. The average student does not consider Tech his home. This is partly the fault of the school. The school's object is to turn out engineers in the greatest possible quantity consistent with quality, and anything not instrumental in attaining that object is overlooked. Providing the student with a home, rather than a place to stay, has not been considered instrumental in the past. But whether the school simulates home or not, it is the place where the student hangs his hat for twelve quarters, and he may as well make the best of it.

The school is taking a large step in the right direction with the tentative refurbishing of the dormitories. It is up to the student to do his part by eliminating the problem of vandalism.

K.P.

More News from Germany

Bill Kennedy gives us a few more interesting tidbits.

Erskine Childers, vice president of the NSA for International Affairs, approached Bob Fischelis with the plans for an international seminar to bring together students from those countries which are now here represented. Bob liked the idea and was made director of the seminar for his enthusiasm and background. He proceeded to get finances from Rockefeller Foundation and from HICOG. Next was to get the participants. All this was done within several months, the American participants being chosen and notified six days before their boat was to sail.

With such a rush job it is very hard to understand how everything is working out so wonderfully. Konigstein is a summer resort town 15 kilometers from Frankfurt, Germany. We have mountains all around us, besides being up fairly high already. The hotel we are in is very nice also, near tennis courts, swimming pool, the post office and bank.

When we first landed in Rotterdam, we took a river boat up the Rhine to Cologne, where we stayed several days, then on to Bonn for three days and then to Mince, and from Mince to Frankfurt by train. We had been given all the addresses in these different towns and the students at the different

universities were expecting us (German Universities were finishing up the semester that week). In all these places I have mentioned, we walked with students, went to the meetings of students, met the military officials in charge of education, etc.; all gathering information and getting a better picture from the German situation. In every place we stopped we met students from the Eastern zone. Since last January, 1950, up until the end of June, there was an estimated number of 300 persons per day fleeing into the Western zone from the Eastern zone. Some speculate that the Russians are not attempting to stop this to any great extent because they know what a problem all these people create. I feel this could certainly be true, to some extent anyhow.

When we were in Munich we visited the Settlement Center there for D.P.'s. They process from 1000 to 2000 people every two weeks. These people are those who have been at first in big camps all over Germany, have at least had their names put on some kind of a list for D.P.'s and now exist as a number instead of an "unknown." It is really amazing to see all those people trying to live for what they believe in, to find some place in the world and hoping for something which looks almost hopeless.

Inadequate Roads Responsible For Increased Accident Rate

More highway accidents are caused by the inadequacies of highway design than by drunken drivers, Kermit Rykken, of the American Automobile Association, told a group of highway administrators Tuesday at LSU.

Rykken, head of the highway department of the AAA, Washington, D. C., spoke to administrators and engineers from five states now attending the course on highway design and traffic engineering under the direction of Mike Flanakin.

"Most of the public has been led to believe that drunken drivers cause the highest number of accidents, but the highest number is caused by the inadequacies of roads which were not designed to accommodate the speed and volume of traffic which we have today," Rykken said.

"There is a need for the public to know more about the problems of the highway administrators and engineers," Rykken stated. "The administrators cannot solve the problems by just yelling for highways," he explained, "the legislators and the driver must be convinced that if we are going to drive our 41 million automobiles we need adequate roads to drive them on."

Rykken expressed the need for programs to increase highway capacities in urban areas, where "the people depend on these roads to make a living."

"Many people must travel great distances on these streets to reach their jobs and as the traffic congestion increases, we cannot just let them wither on the vine," he said.

Using charts and graphs, Rykken gave the group information on methods for computing a congestion index. A congestion index, he explained, is "the mathematical relation of an existing traffic pattern of known methods of controlling the flow of traffic and to the geometric design and physical features of the highway."

Rykken warned against using unrealistic and costly design in highway construction.

"I have listened to the senate and house discussion on federal highway construction lately, and there is raised the question of overdesign. Many southern senators complain that country contractors are requiring material so costly that it can't be paid for," he said. Economy and good common sense must be applied to the problem of design, he said.

Rykken told the group there is valuable information from 15 years of extensive research by the highway department which is now available for administrators to put to use. The information he presented to the group was compiled from a project carried out on the highways of Minnesota.

Rykken spoke at 1 p. m. Tuesday in the geology auditorium. Afterwards the group exchanged ideas on traffic control methods and attended a banquet in Hatcher Hall in the evening.

—L.S.U. Reveille.

Foreign Students Here Study Rodent Control As Part of Training

A group of students from eleven foreign countries are staying in the Tech resident halls for two weeks. These students are here as part of a program sponsored by the United States Public Health Service. The particular phase of Public Health being studied by these students in Atlanta is rodent control.

The Public Health Service has a permanent field camp at Columbus, Georgia, where both foreign and American students can gain practical experience in sanitary engineering, sewerage, and other division pertaining to public health.

Credit Given

This course is available to Tech students year round, and credit is allowed for the course. Mr. Robert Tindal of the School of Civil Engineering reports that the Tech students always make a good showing at this camp. This is due to the practical work done by the students while in school. The course is highly recommended for all sanitary engineering students.

Two Tech students and a faculty member are represented in the group staying here. The foreign students represent a cross section of the world. The following countries are represented in the group: Cuba, Philippines, Honduras, Columbia, Peru, India, China, Bolivia, Lebanon, and Guatemala.

Notice

Students who will be in school for three or more quarters, and who have credit for basic military, and who have an overall point average of 2.2 may make application to Colonel Amoroso for advanced military.

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Shortage of Engineers Is Anticipated by 1953

Starting in 1953, there will be a shortage of engineering college graduates to fill the needs of the rapidly expanding industrial economy of the United States, according to Dr. Henry H. Armsby, associate chief for engineering education in the U. S. Office of Education.

In a recent report presented to engineering educators, he shows that freshmen enrollment in engineering colleges will drop from a record high of 93,000 in 1946 to an estimate 36,000 in 1950, and 33,000 in 1952. Although the number of freshmen who eventually graduate has increased from one-third to one-half because of better preparation by their high schools, it is indicated that by 1953 there will only be 18,000 graduating engineers to fill 19,000 engineering jobs. By 1958, the graduates will decrease to 16,000 and the jobs will increase to 21,000.

More of these jobs will be located in the South because of its greater industrial growth and many new plants, according to college placement officials. An example of this trend is illustrated by a well-known oil company which has just hired 24 engineering students of Georgia Tech, who finish their studies next month, at starting salaries of \$300 per month to staff one of its new plants in the South.

Co-op Club Announces First Pairings for Tennis Tourney

The pairing for the Co-op tennis tournament for the names turned in as of Wednesday morning are as follows:

Singles

Matthews versus Givens
Weight versus Lehner
Puckett versus Jones
Bowers versus Matsinger
Nance versus Cheuny
Buchanan versus Grimes
Dietus versus Putter
Schafer versus Ivey.

Doubles

Ivey and Dyson versus Schafer and Matthews
Buchanan and Jones versus Puckett and Cheuny
Wright and Putter versus Lehner and Matsinger
Dritus and Grimes versus Weight and Wance.

All pairings listed here must be played by Thursday, August 25, or be forfeited by the person who does not get in touch with Bob Puckett, Room 431, Smith Dormitory. A bracket sheet will be placed on the gym bulletin board as soon as possible.

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Know Draft Board Address, Dean Advises

In order to facilitate correspondence, Dean Narmore suggests that all students be sure to learn up-to-date addresses of their local draft boards. These addresses may be obtained from the State Directors of Selective Service in the capitals of their home states. If a student is a member of the ROTC, it is requested that he turn a copy of the address of his local draft board to the commanding officer of his unit, Army, Air Force or Navy. It is also suggested that students keep their draft boards informed of all changes in their own addresses.

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Wohlford Appointed To Replace McDaniel As Co-ops Director

It has been recently announced that Mr. J. G. Wohlford will assume the directorship of the Co-operative Department here at Tech. For the last two years Mr. Wohlford has been the acting director of the Co-op Department during the absence of Mr. James E. McDaniel. Mr. McDaniel has spent the last two years in Germany working for the State department. He has retired from the department in order to take over some work in connection with the Educational and Cultural Relations committee of the State department.

Mr. Wohlford announced that there will be no changes in the operation of the Co-op Department and that it will continue to operate on its high standards. He also said that the placement of students in jobs at the moment is no more difficult than it has been in the last few years. Placement in jobs has been a little slower recently than right after the war.

North-South Football All-Stars Battle Tonight at Grant Field

By Mert Wolenburgh

After two weeks of hard practice under the sun, the North Georgia All-Stars will meet the South Georgia All-Stars tonight on Grant Field in the prep football game of the year.

The South will be taking the field tonight, a surprised 14 point favorite. Both coaches disagree with the odds and say that it will be a close and well fought game. Both teams are up for the game to try to break the tie which exists in the all-star grid series which stands at three victories for each side and one tie.

Future Tech Stars

The North plans on starting a team made up mostly of future Tech football players. The Yankees will be working from a tricky split-"T" while the South will play from a straight "T". The North's line averages 185 pounds as compared to the South's 175 pounds. Both backfields will average about the same at 165 pounds.

The South plans on using a 5-3-2-1 defense to stop the North's split-"T" attack. The North's defense will be a strong six man line, hoping to make the Rebels take to the air.

Passing Attack

The South's attack will center around Billy Brigman, Billy Burt, and Gene Pidrick to pass the ball while the North will count on Bobby Gilliland, Johnny Hunsinger, Courts Redford and Pepper Rodgers for their offense.

Wednesday night the favorite South

All-Stars defeated the North All-Stars 56-45 in the North-South basketball game. The game was close until the early part of the third period. Then when the North was unable to score for five minutes, the South pulled away to win. Bill Fickling of the South was high scorer with 16 points while Ted Short kept the North in the game with his 12 points.

Research—

(Continued from page 2)

nut planter that operates at a speed of 15 mph as compared to the present one which moves at 2 mph. The second will also be of aid to Georgia's peanut industry. This development concerns the shelling, airing, and grading of the peanut on the factory level. A process for extracting the oils from the peanut is also being studied.

Varied Projects

These developments are only a few of the ninety research problems handled by the station. Some projects cannot be revealed because of reasons of national security, but no matter what the nature of the problem, one can be assured that it is being handled by top ranking scientists and engineers. The staff embodies seventy-eight full-time employees and 120 part-time workers, under the direction of Mr. Gerald A. Rosselot and Mr. Fred W. Cox, Jr. Out of the 120 part-time workers, twenty-three are doing graduate work. It may interest the co-op students to know that the Electrical Engineering School now employs some co-op students for work in the research station.

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