

Engineer Crews To Race In Eastern Intercollegiates

By J. Reed Margulis '54

With increasingly better times than they have previously shown, the Engineer crews have left for the annual Intercollegiate Sprint Championships to be held tomorrow.

The heavyweight crews meet the top crews of the East this Saturday at Washington, D.C., facing Cornell, Princeton, Wisconsin, Columbia and Rutgers, in their heat. The top three of each heat are to go into the finals in the afternoon. The second heat is to consist of Navy, Harvard, Yale, Penn, Boston U., and Syracuse. Top seeded crews in order are Navy, Cornell, Princeton, Yale, Harvard, and Wisconsin.

There is a good possibility, however, of a Navy upset which, in the opinion of this observer, might be done by the undefeated Cornell crew. The Cornell boat, incidentally, has the same personnel as last year's Olympic crew.

It could be anyone's race, though, as there are a number of good crews entered.

The Beavers it will be recalled, lost to Columbia last week but edged out B.U. in a thrilling sprint finish. Look to the Tech entry for a good race for if other years are any indication, the rate of improvement of the Engineers towards the end of the season has exceeded that of other crews.

The J.V. crew does not look too encouraging but here again, anything could happen.

The Frosh have been turning in some terrific time trials which are quite close to those of the varsity. They have a good strong boat and although not too spectacular in the sprint, are known to have a fast start. The Frosh have beaten B.U., Columbia and Rutgers.

The heavies will be returning at 8:00 a. m., Sunday morning.

The Beaver lightweights are traveling to Princeton, New Jersey to meet seven opponents in the Eastern Intercollegiate Sprint Championships.

Facing boats from Harvard, Princeton, Yale, Cornell, Columbia, Dartmouth and Penn, the Tech varsity seem to be threatened only by Princeton. With the light varsity undefeated in competition this season, having beaten Harvard by 1/2 length and Dartmouth by at least six, they will definitely be the crew to watch.

The Jayvees lost to Harvard this year but narrowly edged out Dartmouth while the Frosh lost to Harvard and Dartmouth in close races but beat Columbia last week.

Last year's race was won by the Penn varsity though the Beaver J.V. and Frosh did quite well, placing third and second respectively in their events.

The preliminaries are due to be run off in the morning with the first two in each heat slated to go on to the finals in the afternoon.

The lightweights will be returning from Princeton, midnight Saturday.

Burton House Comm. Grants Trial Period To Boston Laundry

The Burton House Committee in a formal motion decided Wednesday evening to grant the Boston and Suburban Laundry a two month trial period next fall in which to improve their service. There have been many complaints throughout the dormitory as to the quality of the service offered by the laundry.

The manager of the Boston and Suburban Laundry stated that the laundry would spend money to improve their equipment and technique in order to render the dormitories better service. He also stated that the complaints about the service have not been reaching his office. The Burton House Committee will set up a new system at the desk to account for all claims.

Beaver Nine Splits; Loses To B.C. 7-6 Whips Northeastern

The Cardinal and Gray baseball team defeated Northeastern on Wednesday by a score of 8-5. Outstanding once again for Tech was sophomore hurler Gif Weber, who held the huskies scoreless after relieving in the seventh with the bases loaded.

At the time of printing, detailed information on this game is unavailable and a more complete summary will be printed in the next issue.

Lose to B.C. in 11th

The Beavers dropped their most important game in the Greater Boston League on Monday, bowing to undefeated Boston College in the eleventh inning, 7-6. A 400 foot home run to start the bottom of the inning was the undoing of the Engineers. The loss virtually ruined Tech's chances of finishing in first place in the

REGISTRATION MATERIAL

Summer Session Registration Material must be returned to the Registrar's Office, Room 7-142, before 5:00 p.m., Wednesday, May 20.

Greater Boston League. The Engineers had several good chances to blow the game wide open, but failed to take advantage of them.

The Boston College team is one of New England's outstanding colleges this year, owning a win over the 1952 National Champions, Holy Cross. At the moment, the Eagles top the Greater Boston League standings. The Engineers, by virtue of Wednesday's 8-5 win, are tied for second with Northeastern.

Frosh Lose Again

The freshman team dropped its sixth game in seven starts, losing to Boston University, 5-3. Despite the unimpressive record, the freshmen have turned in some fine performances, and appear to be a decided improvement over last year's edition.

All Institute ROTC Units Parade In Observance Of Military Day

A parade of all the Institute's R.O.T.C. units before distinguished military and civilian guests yesterday afternoon on Briggs Field highlighted the observance of Military Day here at the Institute. In addition to the parade thirty outstanding cadets of the Departments of Military Science and Air Science were given awards and medals. The Pershing Rifles acted as Color Guard and Color Company for the formation which consisted of about 1700 cadets. Music was supplied by the R.O.T.C. band.

East Campus Riot Features Bonfire Wednesday Night

By Norman G. Kulgein '55

Apparently concerned with the thought of marching in Thursday's Military Day parade a few of the residents of East Campus tried to instigate a riot last Wednesday night. Firecrackers, acetylene cannons, and dynamite started the "festivities." A small blaze was begun in the middle of the quadrangle and was fed with rolls of tissue paper and other available material. A few enterprising residents attempting to get a little pre-Military Day spirit into the affair sounded off with distorted bugle calls to the accompaniment of non-musical drumming on a metal refuse container.

A substitute policeman, apparently unfamiliar with the habits of East Campus denizens tried to break up the affair but he met with little success and soon left the scene.

The riot never reached any sizable proportions — the maximum number of people around the fire being only about fifty. Most of the residents were content to lean out of their windows and drop occasional water bombs or firecrackers on the small throng below.

It is rumored that the whole affair was started when a student who left his military uniform in the cleaners suddenly found out to his embarrassment

(Continued on page 2)

Invitation Concert At Choral Meeting

An invitation concert tomorrow night will highlight the twentieth anniversary celebration of the Technology Matrons' and Dames Choral Group. The affair is to take place at the Faculty club and will feature a reception and a large birthday cake as well as the concert.

Wives of both students and staff at the Institute plus guest members from the Harvard Dames' and Harvard Newcomers' Association comprise the choral group's thirty-eight members. Participating in the spring concert are two active charter members of the society: Mrs. George Scatchard, Associate Professor of Music at Smith College and chairman-director of the choral group; and Mrs. Wallace M. Ross, accompanist.

Guest Artists to Perform

Those who attend the invitation concert will hear guest artists Mrs. William Weems, violinist, and Mrs. Archibald Adkins, pianist. The concert will include: Hymn to the Sun and Sonata in G by Mozart; Motet for Double Chorus by Jacob Handl; and other noted compositions.

Soloists for the choral group are Mrs. Albert Dietz, Mrs. Richard Lawrence, Mrs. Donald McLean, and Mrs. William Leidel.

In 1933 Mrs. Karl T. Compton and Mrs. Erwin Schell introduced the choral group into the Matrons' organization, and since then numerous concerts have been presented throughout Greater Boston.

T.C.A. Advisory Board Sponsors Dinner In Honor Of Ross For His Past Service

Wallace M. Ross, General Secretary of the Technology Christian Association, was guest of honor at a dinner held in the Faculty Club of the Sloan Building on Monday evening, May 11. Mr. Ross is retiring at 68 from his position as secretary after thirty-four years of service to the Institute. The affair was given by T.C.A.'s Advisory Board in appreciation of the job which he has done so long and so well.

Mr. Horace S. Ford, Treasurer-emeritus of the Corporation, presided as toastmaster. President James R. Killian, Jr., Mr. Percy Rolfe Zeigler '00, chairman of the Advisory Board since 1919, and ex-president of T.C.A. Robert M. Oliver '52 all made short speeches.

Receives Many Gifts

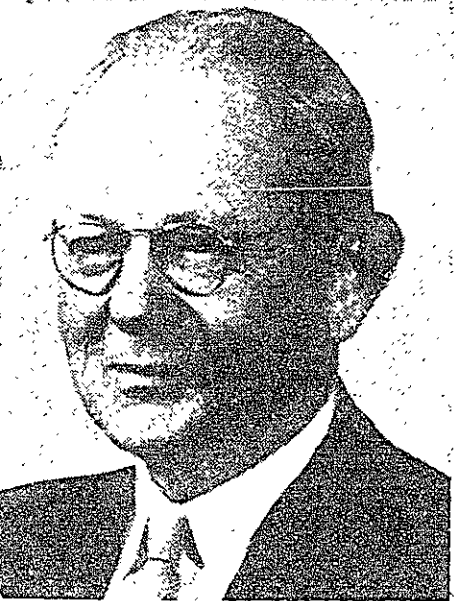
In gratitude for his devoted work here at the Institute the members of the Advisory Board presented Mr. Ross with a pocket watch as a personal gift of the members. In behalf of the present Cabinet President Emmanuel J. Otis '54 gave Mr. Ross a silver platter inscribed with the names of the Cabinet members. Former Presidents sent gifts of a silver dish and a briar pipe. The office staff gave Mr. Ross the print, "A Dutch Courtyard," his attraction for which he had once mentioned. The Cabinet of '28-'29 presented him with a gold, self-winding wrist watch.

Mrs. Ross was given a dozen and a half long-stemmed roses by the Undergraduate Association, and the couple was toasted by the attending group.

Over two dozen communications of congratulation were received during the evening, including a cablegram from London.

Many Attend

Also attending the testimonial dinner were Mrs. Karl T. Compton, wife



Wallace Ross

of the Chairman of the Corporation who was away from the Institute at the time, Mrs. Killian, Mrs. Ford, Dean and Mrs. E. Francis Bowditch, Dean and Mrs. Thomas P. Pitre, Treasurer and Mrs. Walcott A. Hokanson, Bursar and Mrs. D. L. Rhind, Professor and Mrs. Ivan J. Geiger, Mr. and Mrs. William H. Carlisle '28, Professor Avery A. Ashdown, Mr. and Mrs. A. W. Bridges, and other members of the Advisory Board.

Of all the gifts bestowed on Wallie Ross that night, perhaps most expressive of the feelings of all those people who had the good fortune to know Wallie was the plaque of the Cabinet of '24 " . . . to that grand guy,

Wallie Ross, builder of character . . . on the occasion of 34 inspiring years of untiring devotion to the students of Technology." Certainly the editor of THE TECH who, on the occasion of Mr. Ross' arrival at the Institute on September 15, 1919, wrote "Wake Up T.C.A.," would find no fault with the bustling organization we know today, with the myriad services and functions it performs to the advantage of the entire Institute family.

Mr. Ross has been performing services for his fellow-men all his life—as president of his class and trustee of Cushing Academy, as secretary of Dartmouth's student government and president of the Dartmouth Christian Association, as Y.M.C.A. secretary here and in Europe during World War I. When he retires this June from the secretaryship of T.C.A., he will have served the longest of any student Christian Association director in the country.

Pi Tau Sigma Elects New Year's Officers

Pi Tau Sigma, the national honorary mechanical engineering fraternity, elected regular officers for the fall term at their meeting on May 7.

The officers elected are President, John Stekly '54; Vice President, Robert Brown '54; Treasurer, David Richardson '54; Recording Secretary, Daniel Keck '54; and Corresponding Secretary, Thomas Street '54.

Dr. James R. Killian, Jr., President of the Institute, acted as the Reviewing Officer. Important dignitaries in the reviewing stand with Dr. Killian included Major General Roderick A. Allen, USA Commanding General, Fort Devens and Boston Army Base; Major General R. C. Maude, USAF, Commanding General, Cambridge Research Center; Brigadier General Charles E. Loucks, Cal C, Deputy Chief Chemical Corps, Washington, D.C.; Colonel Bernard F. Hurless, Infantry, Commandant, ASA Training Center, Fort Devens; Colonel Leo A. Bessette, Infantry, District Chief, Massachusetts Military District, Army Base, Boston; and Dean John E. Burchard, Dean of Humanities and Social Studies, M.I.T.

Medals and awards were distributed to the following cadets: The Reserve Officers Association Medal for the Army Cadets was awarded to Cadet Colonel Stanley Lenard '53. The similar medal for the Air Force Cadets was presented to Cadet Lieutenant Colonel Gilbert D. Gardner '53. The Sons of the American Revolution Medal for the Air Force Cadets was given to Cadet Colonel Leroy G. Malouf '53. The comparable medal for the Army was awarded to Cadet Lieutenant Colonel Ralph Sievers '53.

The Air Force Association Medal was awarded to Cadet Major Bruce Murray '53. The Pi Tau Pi Sigma Plaque was presented to Cadet Lieutenant Colonel Redmond O'Brien '53. The Veterans Signal Corps Association Medal was awarded to Cadet First Lieutenant Jack Vorona '53. The American Ordnance Association Key was given to Cadet Lieutenant Colonel Herbert H. Richardson '53. The Armed Forces Communication Association Medal and Scroll was conferred upon Cadet Lieutenant Harold McAleer '53.

The Armed Forces Communication Association Medal and Scroll was bestowed on Cadet Frederick Cronin '53. The Quartermaster Association Key was awarded to Cadet Lieutenant Colonel Donald Miller '53. The Quartermaster Association Medal was given to Cadet Master Sergeant Philip Rane '54. The Army Security Agency Certificate was awarded to Cadet Lieutenant Colonel Robert Schломann '53. The Armed Forces Chemical Association Medal and Scroll was conferred on Cadet Master Sergeant Eddy Hair '54. The Armed Forces Chemical Association Medal and Scroll

(Continued on page 4)

T.C.A. Blood Drive Totals 815 Pints

T.C.A.'s annual spring Blood Drive held in cooperation with the Red Cross closed last Friday with a total donation of 815 pints. This number, which was collected during the five day period beginning May 4 and ending May 8 was second only to the record 871 pints collected last fall.

Mrs. James R. Killian assisted in the canteen for donors on one afternoon of the drive. She also spoke at Walker between one and two o'clock one day requesting blood donors.

Leroy G. Malouf '53 was director of the drive. The most active groups from the standpoint of the greatest number of donations were the fraternities and the East Campus Houses. The drive fell down in Baker, Burton, and the Graduate House due to a lack of personal contact with the residents living in these houses.

The Tech

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Editorials

DISCRIMINATION HERE.

It is a sad situation when there exists today an inconsistency between our moral aims and our endeavors to achieve those aims. Inaction attempts to wear the mask of progress and is apparently succeeding. It is difficult to reach any other conclusion when we are faced with the stand of the Institute chapter of Phi Sigma Kappa, which gives pious lip service to principles which it willingly casts aside.

In a letter to the Editor this week, Omicron Chapter of Phi Sigma Kappa claimed that "tolerance cannot be forced." Conversely then, we must ask ourselves: should intolerance be forced? The action of the fraternity to create a discriminatory clause can be interpreted as nothing more than a restriction upon the rights of individual chapters to accept members of their own choosing.

The M.I.T. chapter and several other fraternities "excuse" themselves from acting to remove the discriminatory clauses (to which they claim opposition) by crying "national unity." They prefer to cater to factions whose principles are in direct contradiction to their own expressed beliefs. In doing so they lose both the sincerity of their intent and the very unity for which they strive. The "dis-unity" of Phi Sigma Kappa has already begun. We need only to point out that the Boston University chapter has already severed relations with the national fraternity. More may follow suit.

.AND ELSEWHERE

Columbia University students last week climaxed a three year program to rid the campus of discriminatory clauses. They passed, by a vote of approximately 2-1, a referendum calling for the withdrawal of university recognition from all campus organizations which fail, by October 1, 1960, to remove discriminatory policies. The Committee on Student Organizations which is a student-faculty-administration group set the date after three-fourths of Columbia's 2200 students voted on the resolution. Over one-thousand students indicated their approval of such a move.

We hail Columbia's stand and hope that our own Interfraternity Council can find itself capable of overcoming its inertia and perhaps shake off its present timidity so that it can indicate to us all that it, too, actively seeks a solution to our own problem.

NO PLACE FOR EMOTIONALISM

Last week Institute Committee passed a resolution which should have received a great deal more discussion and investigation than it did. The resolution created no new committee nor did it institute a new ruling. Its import, however, is greater than either of these two actions for it indicates that Institute Committee may not be acting in a rational, mature manner.

The resolution reads in part as follows:

Resolved: That the Institute Committee recognizes with a vote of appreciation the action of Professor William T. Martin, Professor Isadore Amdur, and Professor Norman Levinson in testifying with candor before the House Committee on Un-American Activities.

We are not opposed to the resolution *per se*. We do not feel, however, that the members of Institute Committee were all familiar with the testimonies involved. Had the members read the testimonies we are sure that they would have passed the resolution with earnestness and greater understanding of its significance.

But Institute Committee members did not investigate the testimonies. It appears to us that they were caught by an hysteria currently sweeping this nation and are therefore guilty of passing this resolution not on its merits alone but upon its emotional appeal.

Ordinary Hen's Egg Plays Vital Role In Fighting Virus Diseases

The ordinary hen's egg, so popular on America's breakfast tables, is playing a vital role in medical science's efforts to eradicate many virus-caused diseases.

At the Lederle Laboratories Division of the American Cyanamid Company in Pearl River, New York, over 14,000,000 eggs are used a year in researching and producing modified live virus vaccines.

Already on the market are modified live virus vaccines to immunize dogs against distemper and rabies, mink against distemper, and poultry against several killing diseases.

The egg may eventually play an important part in combating crippling polio. Late last year, Lederle scientists announced that they had been able to grow a modified strain of polio virus in the hen's egg. If an egg-produced vaccine for polio can be perfected, production would hardly be a problem, since eggs are always in good supply.

It is only right that chickens should benefit from their handiwork. Vaccines for three deadly poultry diseases—fowl pox, Newcastle disease, and fowl laryngotracheitis—are produced in embryonated hen's eggs. So in one sense, the egg is protecting and insuring future generations of eggs. These three diseases, all caused by filterable viruses, annually inflict millions of dollars in losses among the nation's chicken and turkey crops.

Individual Handling of Eggs Required

Production of these vaccines, now that the years of hard research and millions of dollars have been spent, seems a simple thing. The procedure

is this: a skilled worker uses a dentist's drill to make a tiny hole in the shell of the fertile egg, taking care not to break the membrane. Through this opening, some of the live virus is injected with a needle, and the hole is immediately sealed with collodion. The eggs are then placed in a huge incubator and the virus allowed to multiply. Before hatching, the shells are tapped and the tissues removed. From these the vaccines are made.

It's a long and tedious process, since each one of the millions of eggs used every year has to be handled individually.

Many scientists believe that the egg is one of the best media ever discovered for growing modified viruses, and many feel confident that other virus strains will be adapted to the egg in man's continuing effort to "tame" deadly viruses which can't be seen, but which kill at an amazingly high rate.

Campus Riot

(Continued from page 1)

ment that his uniform would not be ready for the Military Review, yesterday. Envisioning what he considered to be the astronomical sum of demerits he would get for showing up in civilian clothes—when 1700 of his comrades were all in uniform—this enterprising student went to the quadrangle to chant to the heavens for rain the next day. He was soon joined by others who probably possessed uniforms but for some reason did not wish to parade on Military Day.

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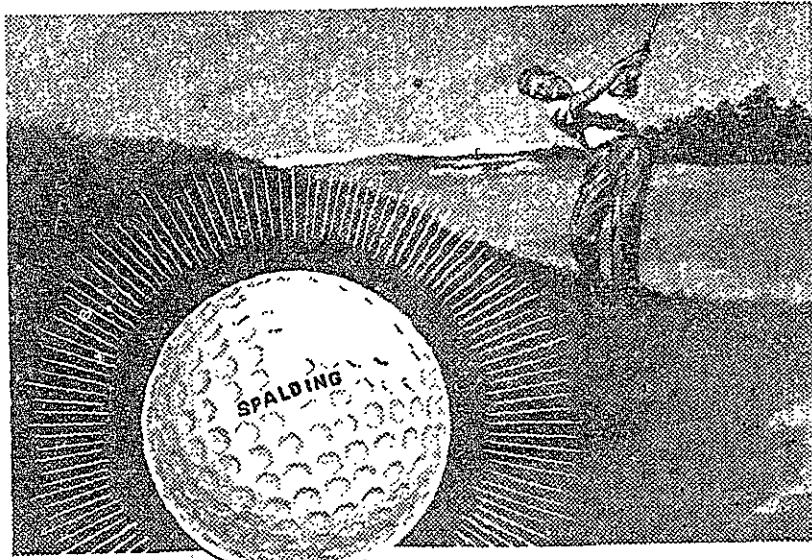
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The College Press

When the Director of the Police School of San José State College in California thought that his gunnery students weren't shooting up to par, he challenged them to a target duel. Terms of the challenge said the director would use a slingshot while the students would use .38 caliber revolvers.

After the slingshot had racked up a high score of 80, the students refused to try and top the mark with their pistols.

* * *

The ephemeral life of "Campus", a magazine recently introduced to the Boston University campus comes as a sad surprise. Its wide acclaim by several newstand magazines for its composition, appeal and original work apparently did not provoke enough student interest. After two issues, "Campus" was forced to fold due to lack of funds from insufficient sales.

Explain Meaning Of Athlete Award

Every year there appears to be considerable misunderstanding as to the true meaning of the Class of 1948 Outstanding Athletic Award. In order to bring home the significance of the award to the student body, THE TECH publishes the following explanation of the award, as set forth by its founders.

Preamble: We the Class of 1948, recognizing the need for a means of bestowing honor upon the member of each graduating class who has best exemplified through athletics those traits of Leadership and character which we deem essential to the educational ideals of the Massachusetts Institute of Technology, do hereby establish an award to the Outstanding Athlete of the Year.

History: Through the unanimous sentiment of the Executive Council of the Class of 1948, that a need existed for recognizing in some way the inspirational qualities shown by a Classmate in his outstanding athletic achievements, this award was proposed. The high ideals of integrity, courage, and leadership existed for the Class of 1948 in John Murray Clifford. It was in recognition of the inspiration of this athlete and others like him of the classes-to-come that this award to the Outstanding Athlete of the Year was established through the funds of the Class of 1948. It was hoped that the award should continue to serve both as an honor FOR achievement, and as an inspiration TO achieve.

Basis for Selection: That the basis for selecting the Outstanding Athlete of each year shall be the four qualities of: leadership, character, athletic achievement and athletic improvement.

Method of Selection: That the head coaches of each intercollegiate sport shall submit a formal sealed nomination to the Selection Committee. The deadline for the receipt of said nominations shall be specified each year by the Director of Athletics, and announced in writing to the several head coaches. Each coach may submit nomination for none, one, or a maximum of two athletes. The form to be taken shall be as follows: full name of proposed recipient of award. Name or names of sports in which nominee has been active. (At M.I.T. only.) List of special awards or honors earned through participation in said sports. Remarks: Basis for final selection shall be weighted by the information presented herein. A summary of the nominee's qualities of leadership and character, which distinguish him for this award should be included. Remarks must be brief and specific.

That the Selection Committee shall comprise three members: director of Athletics; Dean of Student, and Permanent President of the Senior Class (said class being that for which award is annually chosen).

That said Selection Committee shall convene in closed session at a time and place convenient to all and to be announced by the Director of Athletics. The final decision shall be made by this committee. The announcement of the recipient of the award shall be made by the Director of Athletics at

(Continued on page 4)

Beaver Barks

In recent years there has been a tendency towards the unpopularity of football in the public eye. Just as in boxing, there is an ever increasing belief that the sport is unsafe and therefore should not be played. These sentiments are not brought about by "bigtime" football, no matter what its disadvantages are. On the contrary, this feeling is due to schools like M.I.T. where the sport is run so inefficiently and ineffectively as to render it dangerous to those who participate in it.

Last year, the freshmen squad suffered far more accidents in practice than to warrant its continuance under the present set-up. No matter how good a student coach is (last year they were better than is ordinarily expected), he still can not devote proper time to the sport because of his studies. In addition, he usually does not have the proper experience and football background needed to coach a team.

The problem here at Tech is twofold in as much as not only does the squad have to be brought into top physical condition so as to avoid the possibility of injury but the majority of the players have had little previous playing experience. This means that sufficient "know-how" is lacking and that adequate "chalk talks" must be given.

It has been suggested that the best remedy of the situation would be to place both the sophomore and the freshman teams on a freshman intercollegiate level. This would in-

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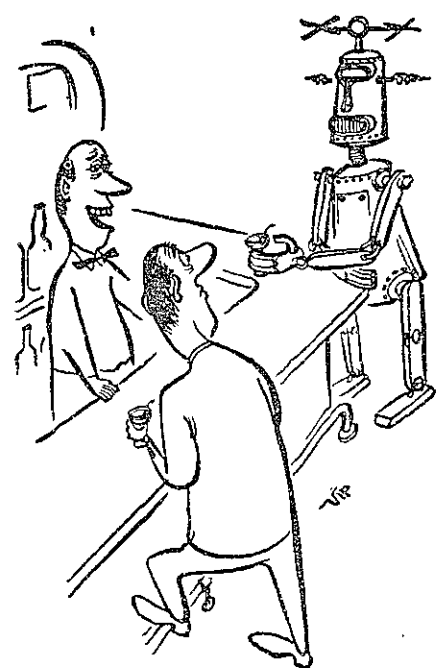
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Martinmen Bow To N. Hampshire Frosh Whip Dean

Faltering in the second half, the Beaver Lacrosse team lost to the University of New Hampshire for the second time this year, 7-4. The loss was the sixth in seven games for the Cardinal and Grey.

The first half was well-played, and the Engineers were in contention throughout the half. An early goal by Guerdon J. Coombs '54 gave the Techmen their only score of the half, but only two Wildcat shots got past goalie Joseph P. Bova '54.

The next two periods were a different story, however, as New Hampshire stars Lundholm and Hunt went

to work, scoring five times between them during the game. The Beavers scored twice in the third period and once in the last quarter, but New Hampshire tallied once more than Tech in each period.

One thing of note in the game was the fact that Tech received only three penalties during the whole game.

The score by periods:
New Hampshire 1 1 3 2 — 7
M.I.T. 1 0 2 1 — 4

M.I.T. scoring — Goals: Coombs, Murray, 2; Bartsch. Assists: Trevitt, Brown.

The freshman team, in contrast to the varsity, won a game, after three consecutive losses, defeating Dean Academy 2-0. Russell Cox scored both goals to bring his total for the season to four. The game was marred by a number of near-fights, and a large number of penalties (17) on the prep-schoolers.

— THE TECH — WALKER MEMORIAL

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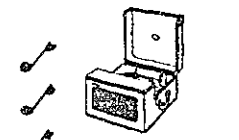
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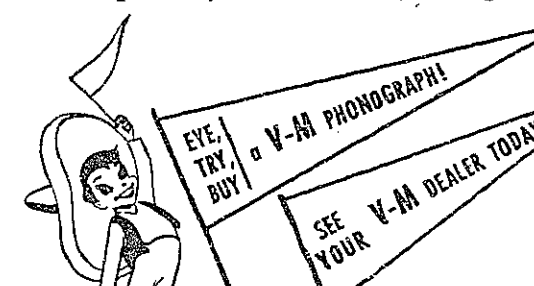


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*Slightly higher in the west.



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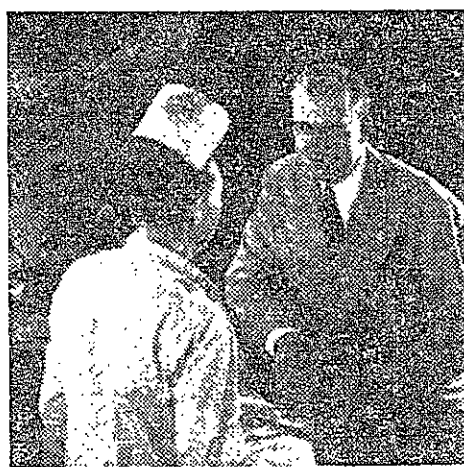
DU PONT SCIENCE AND ENGINEERING GRADUATES MEET THE PUBLIC IN

Technical Sales

More and more, industry is on the lookout for technically trained men and science majors who have an interest in and aptitude for selling. A number of departments at Du Pont prefer men with such training for sales positions. A technical understanding of the properties of a substance helps a man do a better selling job—and offers the customer better service.

Because of the diverse applications of Du Pont's many products, there is a need for sales representatives with widely varying technical backgrounds. There are problems involving chemistry and many types of engineering in such fields as plastics, ceramics, textiles and many others.

Technical men may work in direct sales, sales service, or sales development groups, depending on depart-



Ivan R. Smith, B.S. in Ch.E., Kansas State University '40 (right), advises the operator of a galvanizing machine on the efficient use of a Du Pont flux.

mental organization. In some cases technical men handle all phases of selling. In others they deal mainly with customer problems. Some departments also maintain a sales development section that works on technical problems connected with the introduction of a new product or a new application for an established one.

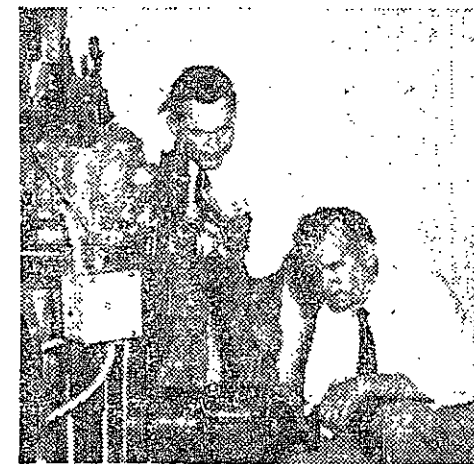
Here are examples of the kind of problems attacked by technical men in Du Pont sales groups:

1. Find a more economical way to apply sodium silicate used in making corrugated paperboard. Du Pont men, as in many other instances, were able to make substantial savings for the customer.

2. Introduce fabrics of "Orlon" acrylic fiber for use in dust filtration. This



Edgar G. Boyce, Ashland State (right), helps a customer improve his method of applying silicate adhesive in the manufacture of corrugated boxboard.



James A. Newman, B.S. in Ch. E., North Carolina State '40, discusses study of optimum settings and conditions for carding nylon staple with Prof. J. F. Bogdan of North Carolina State's Research Division.

involved evaluation and modification of filter fabrics in cooperation with makers of dust-control equipment, and with plant personnel having serious dust-recovery problems.

3. Reduce the time needed for processing motion-picture film used by race tracks. Technical service men carried the problem to a research group which developed an emulsion that could be processed in about one-third the former time.

Technical men interested in sales work at Du Pont usually acquire needed background in a laboratory or manufacturing plant. Depending on their interest and abilities, they may then move into technical sales service, sales development, or direct sales.

In any of these fields, the man with the right combination of sales ability and technical knowledge will find not only interesting work but exceptional opportunities for growth in the Company.

College graduates with many types of technical training find opportunities at Du Pont. Write for your copy of "The Du Pont Company and the College Graduate." Address: E. I. du Pont de Nemours & Co. (Inc.), 2521 Nemours Building, Wilmington, Delaware.



BETTER THINGS FOR BETTER LIVING
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Beaver Barks

(Continued from page 3)

the squad which under the present system is impossible because the team amounts to a glorified A-1 class that CAN be cut at will.

Violates Tradition

The major arguments against the establishment of freshman and sophomore football teams have been on the grounds that it will violate a so called "Field Day tradition." Mr. Geiger, director of athletics, has suggested that instead of completely abolishing the student coach, a system could be set up whereby an experienced faculty coach can be assigned to "assist" with the management of the squads.

As far as this paper can see, the whole idea of "Field Day tradition" is not being threatened in the least bit. On the contrary, this move would just serve to place football on the same basis as the other Field Day sports. As mentioned before in THE TECH every other Field Day team, with the single exception of sophomore crew, boasts the advantage of having equipment and good coaching, mainly because it is on the intercollegiate level.

Publicity or Participation?

When one high official in the Athletic Association was approached with the idea of freshman football, he stated that the Institute would not spend the money for the necessary equipment because the proposed team would not give any appreciable publicity return. It may be well to point out here that the annual sophomore-freshman football battle in early November draws a larger crowd than any other Institute athletic event during the year. Student participation, it

Athletic Award

(Continued from page 2)

the latest date convenient to adequate attention in official school publications, such as the Technology Review and THE TECH. Formal presentation of the award shall be made at Class Day.

That co-awards shall not be prohibited if deemed just and necessary by the Selection Committee.

Military Day

(Continued from page 1)

for the air force cadets was awarded to Cadet Technical Sergeant Anthony Turano '54.

The MIT Professor of Air Science and Tactics Senior Medal was awarded to Cadet Major Thierry Thys '53. The same medal for Juniors was awarded to Cadet Master Sergeant Robert H. Murphy '54. The Sophomore Air Science Medal was awarded to Cadet Airman Second Class Francis J. Bonner '55. The Freshmen Air

seems, is not the important factor, but rather publicity for the Institute is. Let us face facts. The Institute has never been known for its great athletic teams, and let us hope it never will have to be.

Football, whether it be of the Field Day variety, or on an intercollegiate level, remains one of the most exhausting sports to participate in. It is about time that the men who take part in the sport get some recognition for their work. It makes no difference whether the frosh play Tufts as a field day team, or as a representative of the Institute, except that in the latter role they will have equipment befitting a team that can carry themselves as a team should.

It is very important that the opinions of the student body in general on this subject be made known. Any communications concerning freshman football should be addressed to THE TECH, Sports Department, Walker Memorial, and will be very welcome.

Science Medal was conferred on Cadet Airman Third Class George Hopkins.

The American Society of Military Engineers Medal, Key and Scroll was awarded to Captain Wilson Rownd '53. The same med Key and Scroll for Juniors was given to Cadet Sergeant First Class David Vogel. The comparable medal for Air Force Ca-

dets was awarded to Cadet Technical Sergeant Paul Drouilh '54.

The Freshman Army Cadet Scabbard and Blade Medals were awarded to Cadets Frederick Baum, Frank Berryman, John McMorriss, and John

Watts.

The Freshman Air Force Scabbard and Blade Medals were awarded to Cadets Charles Diamond, John MacLaughlin, Russel Schweickart, and David Shea.

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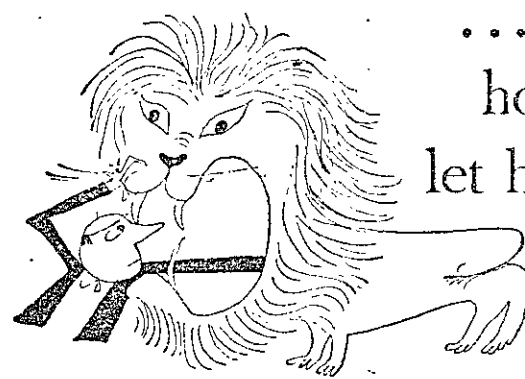
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... If he hollers let him go!

ONCE upon a time a huge, ferocious lion escaped from a zoo that adjoined a small college. For days and days, this mangy beast terrorized students and faculty members alike by growling at them from dark places. Finally, one afternoon, word reached the Dean that one of the students had killed the lion.

The Dean was delighted, and sent for the brave student. Soon, Charlie Jones, a 112-pound Freshman, was standing in front of him.

"Did you kill the lion?" the Dean asked incredulously.

"Sure did!" said Charlie. "There I was, walking to class. It was pretty hot, but I didn't mind because I was wearing a cool, comfortable Van Heusen Van Dual Shirt with short sleeves. That smart collar looked swell with my school tie. And imagine, I only paid \$3.95 for this swell shirt!"

"But what about the lion?" asked the Dean.

"Well, all of a sudden," continued Charlie, "this fugitive from a circus leaps out from behind a tree and growls at me. This was no spot to be wearing a dress shirt, I decided, so I whipped off my tie, opened my collar, and presto!—my Van Dual became the best-looking, most comfortable sport shirt on campus. Now I was ready for action."

"Yes," said the Dean.

"So I shoved my trusty right arm down his throat, grabbed his tail . . . and pulled him inside out!"

"My word!" said the Dean.

"Lefty" Jones graduated Cum Laude last term.



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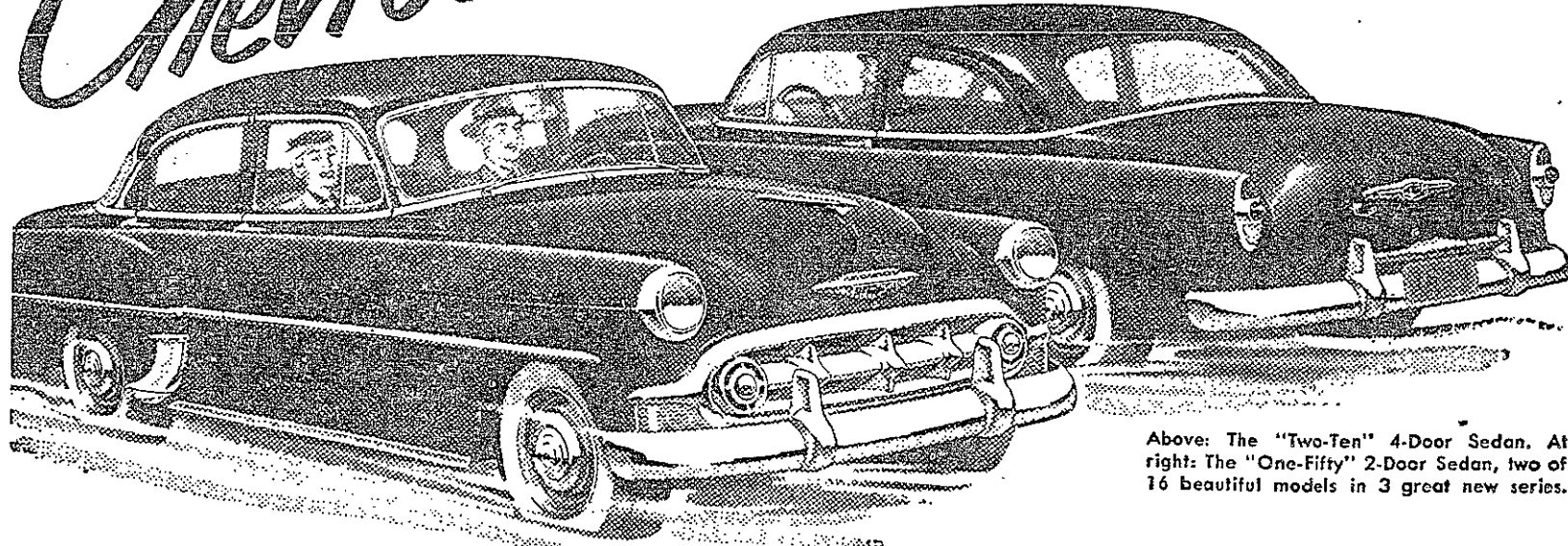
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