



Published throughout the school year, by the students of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Entered as second-class matter Sept. 16, 1911, at the Post Office at Boston, Mass., under the Act of March 3, 1879. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized on July 19, 1918.

**MANAGING BOARD**

E. E. Kautwinkler '23.....General Manager  
W. G. Peirce '24.....Editor-in-Chief  
C. R. Toll '23.....Treasurer  
Ingram Lee '24.....Managing Editor  
L. B. Leighton '24.....Advertising Manager  
E. M. Goldsmith '23, Chairman, Editorial Board  
D. M. Schoenfeld '24.....Circulation Manager  
K. B. Bamford '24.....Sporting Editor

**EDITORIAL BOARD**

I. Gerofski H. F. Cotler  
A. M. Kallet H. D. Cahill  
C. R. Conway P. A. Ryan  
F. N. Perry

**NEWS DEPARTMENT**

**Associate Editors**

John Magee, Jr. D. F. Kaufman  
H. L. Bond A. B. Allard  
G. C. Reinhardt E. W. Reynolds  
H. G. Burt K. B. Castle  
P. E. Bates E. S. Gray

**Assistant Editors**

W. W. Scripps J. P. Ramsey, Jr.  
C. L. Malby N. Cohen  
G. F. Ashworth H. B. Cuthbertson  
L. E. Fogg H. E. Durr

**Staff**

S. H. Caldwell W. M. Perkins  
B. Lewis P. E. Hess  
C. C. Marble J. R. Harding  
P. R. Goldings F. A. Barrett  
W. R. Mechtenberg

**TREASURY DEPARTMENT**

**Assistants**

B. M. Mossman

**Staff**

A. W. Rhodes E. W. Carlton  
F. L. Gemmer

**ADVERTISING DEPARTMENT**

**Staff**

J. D. Bates, Jr. A. M. Worthington, Jr.  
H. C. Rickard E. Piepho  
S. S. Merrell A. S. Vandenberg

**CIRCULATION DEPARTMENT**

**Assistants**

W. N. Webster W. H. Couch

**Staff**

A. Henderson D. A. Henderson  
W. L. Nye H. W. Lewis  
L. B. Collins

Subscription \$2.50 for the college year in advance. Single copies five cents.

Business office 302 Walker Memorial, Charles River Road, Cambridge, Mass.; business phone University 7415. News Room, 3 Walker Memorial; news phone, University 7029. After 1 o'clock on Sunday and 6 o'clock on Tuesday and Thursday, the night editor may be reached at Congress 4323.

All material for publication must be received by noon of the day previous to issue. The Editor is always responsible for the opinions expressed in the editorial columns, and the Managing Editor for the matter which appears in the news columns.

Although communications may be unsigned, if so requested, the name of the writer must, in every case, be submitted to the Editor-in-Chief. THE TECH reserves the right, however, to reject unsigned communications.

**IN CHARGE OF THIS ISSUE**

E. S. Gray.....S. H. Caldwell

Friday, April 14, 1922

**SPEAKING TO THE WORLD**

If the progress of radio communication could be graphically plotted against time in years, the resultant curve would show a sudden and rapid rise after 1921. When one considers that only a few years ago, wireless telephony was confined to the research laboratory, the vastness of its present day popularity seems inconceivable.

Radio communication of any sort was conceived little more than a generation ago. When once the ether had been made the servant of Man, many new fields were opened to science. In a brief quarter of a century radio advanced from successful signalling to nearby lighthouses, to attempted communication with our mystic neighbor Mars. Then came radio telephony.

Every newspaper now carries its columns of radio news; every other home is topped by a significant gleaming wire. Music out of the air! It has been predicted that within a few years the radio telephone will have replaced the phonograph. With innumerable stations already broadcasting daily concerts, the prediction bears little hazard.

What the ultimate future of radio telephony will be, none can say. That it will progress by leaps and bounds, no one can doubt. With the most effective power yet developed for bridging great distances, it can have a tremendous influence on the life of men and nations. The popularity which radio has achieved is well deserved.

**SUPPORTING THE CREW**

ON the bulletin board in the main lobby a notice to freshmen from the crew management calls attention to the dearth of first year men now on

the squad and the opportunities which await a much larger number. It is surprising that this particular athletic activity should find it necessary to resort to advertising, for it is a sport which affords an abundance of the most interesting kind of exercise. Furthermore—and perhaps it is here that the freshmen are uninformed—Technology's few seasons of varsity crew have been successful enough to prove that there is a wealth of material available here at the Institute. Freshmen who go out for the sport now will find that they are just in time to fall in line with the new coaching system, and many of them will get the benefit of the schedules which has been arranged for the yearling combinations.



To guide those who are in doubt the Lounger has prepared the following guide. He has made it with all of his former errors in mind so as to caution others not to walk into the same hole that he has.

The Lounger assumes that the formality of getting the girl has been taken care of by this time. He hopes that no one has made errors along this line, but if you did not leave her alone while you chase after the most attractive one in the party. It might lead to disastrous consequences. She should get in town Friday afternoon if possible. If she comes from New York or Hamp, she can get in at six. If she is coming from New York be sure to tell her to come ON the Knickerbocker and not IN the Knickerbocker. She might take the latter in a different way, and she probably likes to choose her own costume.

After you meet her and get rid of the junk then it is time to get some hash. If you frequently go to the American House take her to the Brunswick and vice versa, if you want to avoid embarrassing situations. But above all don't try to take her to a show that night.

She will probably be tired Saturday morning, and so you can go to your classes until noon. At this time go back to the house and get her. If she has previously shown an interest in how you eat take her to the grill, if not go elsewhere. If you get speedy service you can show her around some parts of the buildings. When you get in the court for the rush, keep her away from the grease.

After the corpses have been properly cared for, take her to the tea fight in Walker and show her what a brave boy you are during the battle. Don't work her too hard, however, as there will be a better dance in the evening. During the evening keep your eyes on her if you don't want to lose her. Sunday is a day of rest and should be spent in sleep. It is not advisable to take the girl to church, as you might give the minister undue hopes.

Monday let her tell you what she wants to see about the town. Don't try taking her to the museum, as she might prefer to look at the animals at Franklin Park. If she has no inspiration, you might suggest the track meet in the afternoon. In the evening don't attempt to explain the program, as the SUNRISE TECH might have a different explanation with a resulting bad opinion of us.

After reaching this point you will be so much like a seasoned veteran that no more advice is necessary. Don't forget to patronize THE TECH advertisers for flowers, taxis, and other accessories, if you want the best results.

**NOTICES FOR UNDERGRADUATES**

The Night Editors in charge of the next issue of THE TECH are John Magee and H. L. Bond, tel. University 57077. All matters concerning the issue should be referred to them.

Due to the fact that insufficient interest has been shown in the turning in of pictures of Prom visitors, it has been found advisable not to run the composite picture in Sunrise Issue of THE TECH. Any man who has already turned in a picture may regain it by calling at THE TECH office at 293 Walker.

Chemical Society elections are being held today from 9 to 5 o'clock near Dr. Norris' office, room 4-173. The officers to be elected are President, Vice-President, Secretary, Treasurer and members of the Program Committee.

Enrollments for summer camps should be in as soon as possible. Information may be obtained at Military Science headquarters.

Freshman Drill on Thursday, April 20, from 10 to 11 o'clock and 3 to 4 o'clock will be omitted.

**ALUMNI NOTES**

**CHARLES W. WHITMORE '08**

Charles W. Whitmore '08, died at his home in Redlands, California, recently. He was a graduate of Course I and a resident of Portland, Me., the home of his parents, for many years. He was secretary of his class and retained that office for several years. He was a member of Alumni Council.

**ALEXANDER KLEMIN '16 HEADS AVIATION COURSE**

Alexander Klemin '16, consulting aeronautical engineer, is in charge of a course for prospective aviators given by the school of engineering of New York University. The lectures will cover the structure, theory, motor design operation and applications. Mr. Klemin is an eminent authority on the subject having had entire charge of the Aeronautical Research Department, U. S. A., McCook Field, Dayton, Ohio, during the war.

He graduated from Course I, and received a degree of M.S. in Course XIII. He has received other degrees at London University, Imperial College of Science and Technology. Mr. Klemin was in the employ of the Packard Motor Car Company, the Curtiss Aeroplane Company, and the Standard Aero Corporation at various times.

**AERO SOCIETY HOLDING ELECTION OF OFFICERS**

**Make Wing Tests for Glider Construction**

The Aero Society has completed its nominations for officers for the coming year. Ballots will be mailed to the members of the society in the near future. E. T. Allen '23, a member of Course II, has been put as vice-president. The other men on the list are, for secretary, L. G. Taylor '23, and for treasurer, W. S. Marder '23.

As one of the preliminary steps in the construction of the Technology Glider the society is going to make a series of tests of "wing ribs." The experiments will be carried out on the first floor of the Testing Materials Laboratory tomorrow afternoon at 4 o'clock. Anyone interested in the subject is invited to attend the tests.

**AT THE THEATRES**

**ST. JAMES:** "A Temperance Town." A revival of a farce ridiculing prohibition.

**COPLEY:** Three Shaw plays: "Over-ruled," "Anajanska," "The Dark Lady of the Sonnets."

**PLYMOUTH:** "The Green Goddess." George Arliss as a Hindu despot in excellent melodrama.

**SELWYN:** "The Emperor Jones." A remarkable play with Charles S. Gilpin, noted colored actor.

**ARLINGTON:** "We Girls." Mary Young and Juliet Day in a pleasant comedy by the Hattons.

**HOLLIS:** "Dulcy." Lynn Fontanne makes merry as the perfect bride.

**TREMONT:** "Welcome Stranger." A comedy of a Jew among Yankees.

**SHUBERT:** "Greenwich Village Follies." Ted Lewis and Joe Brown entertain.

**COLONIAL:** "George White's Scandals." Ann Pennington the star of a fair revue.

**KEITH'S:** Mildred Harris the headliner of a quality bill.

**MAJESTIC:** Shubert vaudeville with tableaux, singing, and dancing.

**SYMPHONY HALL:** Apr. 16, at 15. Handel and Hayden Society prethe oratorio "Elijah" with distinguished soloists.

**MOVIES**

**FENWAY:** Thurs., Fri., Sat. Jackie Coogan in "My Boy."

**CENTRAL SQ.:** Thurs., Fri., Sat. "The Silent Call."

**HERRICK COPLEY SQUARE**  
Call Back Bay 2328  
5 Telephones Connecting  
ALWAYS THE BEST SEATS

CANDY LUNCHEON SODA

**Catherine Gannon**  
INCORPORATED  
AFTERNOON TEA  
**Delicious Cream Chicken and Waffles**  
MASS. AVENUE AT BOYLSTON STREET

**He Reached the Top**

THE Vice-President of a great life insurance company who began his career as an agent has this to say to seniors who are about to graduate from college:

"If you love work and desire to pursue an honorable, useful and lucrative mission in life this is the business for you to take up. Life insurance salesmanship offers a fine field for the energies of the splendid young men in our colleges.

"That this is true is demonstrated by those college men who have taken up life insurance for they have shown that the college man is fit for this kind of a job and that the job also is fit for the college man.

"The work of the life insurance salesman is distinguished by independence and opportunity for directing his own. It gives all possible opportunity for individual initiative and a chance to make an ample income at an age when most fellows are struggling on a wage pittance."

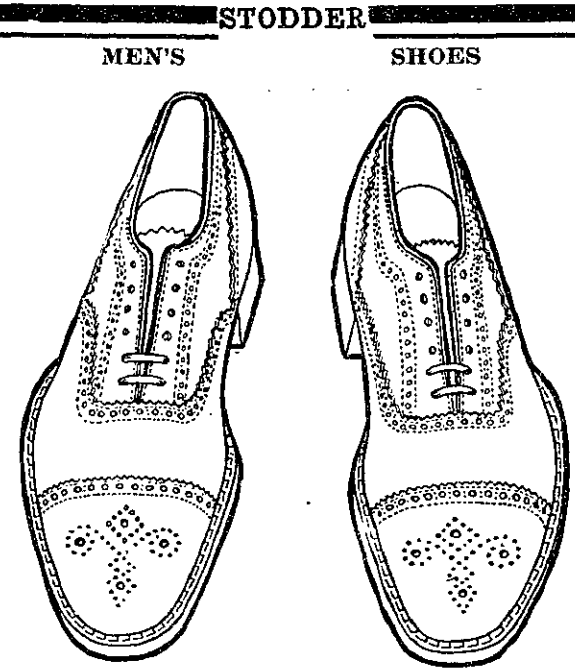
That is the story of one who began at the bottom and reached the top without the help of a college education. The advantages are with you who graduate from college. Before deciding your career make inquiries of the "Agency Department."



Largest Fiduciary Institution in New England

**Loomis Dancing School**  
93 Mass. Ave., Boston  
Latest Modern Dancing Taught  
Also Stage Dancing  
Socials every Wednesday and Saturday evenings

**YOU ARE INVITED TO VISIT**  
**The Miller Drug Co.**  
CORNER BEACON AND MASS. AVE.  
The most modern up-to-date  
Pharmacy in Boston  
COLLEGE GRADUATE PHARMACISTS  
AT YOUR SERVICE



**A New Oxford**

This shoe is especially attractive and has many proven desirable features incorporated in its construction. The last is a modified brogue, very free fitting. The stock is a plump mellow Viking calf, very durable. The pattern is foxed with perforation, very handsome. Other points of excellence are the soft toes, plump firm soles, with generous welts, and broad flange heels. The price is moderate.

STYLE 514—Black Viking Calf **\$9.25**

STYLE 515—Tan Viking Calf

For the man who prefers a slightly heavier shoe we recommend the wonderful wearing genuine Scotch grain (in the same style) which we list as follows:

STYLE 518—Black Scotch Grain **\$10.00**

STYLE 519—Tan Scotch Grain

Special 12½% discount to Tech students listed in the Tech Catalogue

**COES AND STODDER**  
10 TO 14—SCHOOL STREET