Students receive degrees today
President Stratton announces list of 1929

PRESENTATIONS OF ACADEMIC HONORS TO BE MADE TODAY
Barrow, Murphy, Roum, and Turner have obtaining fellowships.

SCHOLARSHIPS AWARDED
Announcement of the more notable scholarships will be made today by President Samuel W. Stratton, in the Quad. The high school students named below will receive scholarships for the coming year.

W. E. A. Smith, Junior, for academic excellence.

Annual Outing of Seniors Held On Rainsford Island
Form Buckets Brigade to Quench Fire which has set the island on fire.

Elect Hupfele, as Life Member of Corporation
Macy, Ricc, and Scharff will receive the Medal of Honor for their outstanding service.

TWO Professors Retire
Walsen resigns as head of Aeronautical Department to enter business

Senator Bingham will talk about aviation today

Graduation Address Discusses Future of Transport

H. M. strains and S. E. to talk about aviation today.

Hold Ceremonies in Symphony Hall at 7:30 o'clock

President Stratton will award degrees to 566 students this morning.

63rd Class Graduates

Commencement exercises will be held today at 3 o'clock in the quad, and 6 o'clock in the gymnasium. President Samuel W. Stratton, will deliver the commencement address at 3 o'clock, and Senator Hiram Bingham, will give the address at 6 o'clock. The awards for the 63rd Class will be made at the graduation exercises, among them being six young women.

The Class of 1929 is the first to be graduated from Technology, and many scholarships and special honors, as a result, are being made available.

A student is given the title of "honor student" by both the faculty and the student body.

The list of names of the students who have been named as "honor students" will be announced at the conclusion of the exercises.

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

MANAGING BOARD
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D. Smith '26, Business Manager

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Assistant Treasurer
E. L. Kell '26
D. M. Goodman '23

Associate Board
Associate Board

FATHER TIME has straightened up from his great desk and put his slides-ah! It's he! He has solved his equation for 1929 and is smiling over it.

Four years ago the members of the class of nineteen hundred and twenty-nine were preparing to enter Technology. Today they are preparing to enter new fields for conquest. Without giving the matter too much thought it appears that these men should be that the seniors would trade with the members of '32.

...trade places with the outgoing ones from "the grind." It has been a big job for four long win-

ners to prepare to enter new fields for conquest. Without giving...
NEW MEN ARE DEVELOPED

Well-Trained Opposites Furnish Necessary Experience for M.I.T. Players

From the standpoint of games won and lost, the lacrosse season just closed was not too successful. It must be borne in mind, however, that the sport only made its first appearance at the Institute this year, and therefore nothing more could be expected from the team than an opportunity to play. The freshmen, however, showed the players as a whole. In the first half the Boston players scored seven goals, but the Engineers held them to three in the second half, and of the same time scored six in the first half. Jack Priwoler won the distinction of being the first Bostoner to score. The whole team elicited the Criticism that it never properly played a 1-2-4 formation. During the first five minutes the more experienced Harvard players made three goals in rapid succession, but the Engineers soon found themselves and no more scoring was made for the remainder of the half. A fierce battle was staged in the last half, which Ad Kollick opened with a goal, but the Engineers were able to play, and the renewed efforts of the Bel-River team were effectively combated. Practice has been planned to start in the fall, to give the players more time to perfect themselves.

CROSS COUNTRY NOTICE

On or about the fifteen of September a cross country training camp will be started by Coach Omig Hedlund. All men interested are requested to communicate with Coach Hedlund By dormitories, office located at 60 Arch Street, Boston. Further information may be obtained at the above address.

Mr. McMurray

Waxes Poetic over Tobacco

Mrs. W. J. A.

Carrollton, Texas

May 12, 1929

Lagar & Brc, Co.,

Richard, Va.

Gentlemen:

Having been a user of Edgeworth Tobacco for over eight years, I can truthfully say that it is the best on earth. I am enclosing a little ditty that I believe will express my sentiments entirely:

Old Man Joy and Old Man Trouble

Went out for a walk one day,

And I overheard them say,

There ain't no fun in anything to-

End of Poem.

Yours very truly,

F. H. McMurray

Edgeworth

Extra High Grade

Smoking Tobacco

Transient and Permanent Rooms

Excellent Cafe

Telephone and a Carte

Special facilities for Banquets, Lunches and Assemblies

Menu Submitted

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Opposite Massachusetts Polytechnic Institute

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William W. Davey, Manager

THE KENDALL SQUARE GARAGE

Conveniently Located Near Dormitories

Connected by underground passageway to Kendall Square Subway Station

Complete Service—Day and Night

Special Storage Rates to Students

NAN'S KITCHENS

10 Oxford Ter. 30 Huntington Ave.

SPECIAL

Luncheon served 11-2

No. 1 Warren Way., Dr. and Society Rd.

Chick and Waffles $1.25-$1.50

CER

NANN'S KITCHENS TOO

HOTEL DINNER PLACE

JOHN SPANG

QUALITY BAKED BREAD, CUCUMBER SANDWICHES, A LA CARTE, A La Carte Menu Submitted

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May to November.

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100 CARS

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CAMBRIDGE, MASS.

THE TECH

Page Three

W宣传 WHERE SAFETY FIRST

We want University Men for our summer classes in flying!

Individual instruction in flying is offered to selected applicants by the Buffalo Summer unit of the National Flying Schools—May to November. Complete courses of instruction qualifying the student for various government commercial pilots' licenses are now open for your selection.

The equipment of this school comes second only to the Army and Navy schools in reliability and completeness. The training plane used is manufactured by the Consolidated Aircraft Corporation, who have been exclusive primary plane manufacturers for the United States Army Air Corps, and for four foreign governments for a number of years.

Our instructors have been carefully selected from the Army Air Corps, and their classes are being limited to insure thoroughly individualized instruction.

Parents whose sons or daughters are contemplating courses in flying this summer are invited to write us for details regarding our schools. It is our belief that many of the future executives of this new giant industry will be largely selected from our various school units of which Buffalo is the first. Where possible, we suggest a personal visit to our office or the Consolidated Airport, Military Rd., Buffalo.

Full details of the subjects taught, terms, etc., will be furnished upon application. Write, phone, wire or call in person.

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OF ALL KINDS

" FOR ECONOMICAL TRANSPORTATION"

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L. Hc. McClennan, A. F.—Assistant Director in charge of Student Training.

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L. H. Leake, A. P.—Director in charge of Student Training.

For many years the Army's former authority on Ground Instruction.

All of the flying instructors employed by National Flying Schools, Inc., have themselves completed the courses of instruction at the Training Centers of the U. S. Army Air Corps.
ROOSEVELT AVIATION SCHOOL
OFFERS SUCH ADVANTAGES

ROOSEVELT Aviation School, Inc.—on greater Roosevel t Field, combining Roosevelt and Curtiss fields, at Minneola, N. Y., new provides:

- 25-hour course to prepare for private pilot's license. Advanced instruction for higher grades licenses.

- Newest equipment. Training plans built by Bilt, designer of “Consolidated Husky” navy and navy school ships.

- Instruction under direct supervision of Lieut. Warren R. Curtis, on leave from Brooks Field—through army methods for private fliers.

- Roosevelt Field, accessible to New York—safe and spacious.

Student personally carefully selected.

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KENDALL SQUARE OFFICE
Three Minutes from Technology
Train Semi-Weekly
Traveler's Checks
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Safe Deposit Vaults

APPLIED SCIENCE AS
AGAINST RESEARCH

(Continued from Page 8)

problem is to a great extent depend- ence upon personal factors. But it may be of value to point out certain con- tructive conditions and to suggest ways in which they may be con- sidered in making a decision.

Different in Each Area

In the first place it should be under- stood that there is inherently no funda- mental difference between research on an industrial laboratory and that in an institutional laboratory, an ex- ception, a systematic search, and the con- trolled discovery that is the scientist's stock-in-trade. Actually, the only major and minor differences between the industrial and academic laboratory is the ap- plied and financial support of the latter, and the atmosphere of the industrial laboratory is one of the element of social demands, that of the first institution is one of the major necessities in making a wise choice of employment. The graduate should carefully consider his personal- ity. If he wishes to work in the applied sciences and to benefit thereby from his training in the research laboratory, he is best suited for an academic laboratory. If he feels more research in the fundamental sciences, he is best suited for an industrial labora- tory. If he feels more research in the fundamental sciences, he is best suited for an industrial laboratory.

FOUR STUDENTS MADE TRAVELLING FELLOWS

Will be Enabled to Pursue More Advanced Studies Abroad

(Continued from Page 1)

burden, and in the future he will be in a position to make a decision of his better pilots for a scientific laboratory, he is best suited for an industrial laboratory. If he feels more research in the fundamental sciences, he is best suited for an academic laboratory.

FRANK BROTHERS

RAINBOW GARDENS

Excellent Food
Music Fun

CAMBRIDGE SHOP

252 Allston Blvd., Harvard Square

SEVERAL PROFESSORS TENDER RESIGNATIONS

(Continued from Page 1)

the Navy for Aeronautical, resigns to enter business. He served on the staff of the Institute since 1917, having been Assistant, Instructor, Associate Professor and Professor. He was given a leave of absence in 1925, to accept the position as Assistant Secretary of the Navy.

Professor Charles J. Cattell '14, Associate Professor of Aeronautical Engineering at Lehigh University, resigned April 11, 1929, to accept the position of Director of the Pratt and Whitney Company of Hartford as Aeronautical Engineer. He first joined the teaching staff of the Institute in 1919, Professor Joseph W. Hart '25, Associate Professor of Electrical Engineering, also resigned April 11, to accept the position of Assistant Engineer of the General Electric Company of Schenectady. He first joined the teaching staff of the Institute in 1929, to accept the position of Assistant Engineer of the General Electric Company of Schenectady.

Artistically furnished elevator apt. to rent for summer; in sight of Tech on Boston side, living-room, rec. hall, two chambers with twins, with central, kitchen, dining-room. Cool, Phone Number 3374 or 1931 for appointment. Rent: $200.

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It's TRAFFIC FILM
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THAT dull, dirty coating which ac- cumulates on the finish of your car is Traffic Film—a result of modern highway and traffic conditions. There is only one sure and harmless way to combat Traffic Film, to prevent the original lustre of the finish, or to bring that lustre from under the dull coating. Hereafter, let your cars cover it.

An Auto Polish Made to Combat Traffic Film

No. 7 Duclo Polish is made by du Pont, the makers of Duclo. It is made specifically to remove Traffic Film, which may affect your finish and water cannot remove. It is a neutral pol- isher with no abrasive substance. A quick- ly applied, Traffic Film is “sweated” off the surface. Both polishes dry in ten minutes, and can be used on clear and glossy finishes as well.

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1929 COMMENCEMENT

The Institute at night. This remarkable view was taken on the eve of Open House Day, April 12.

LEFT: President Stratton.

ABOVE: Senator Hiram Bingham of Connecticut, Who Will Give the Address at the Graduation Exercises This Morning.
RIGHT: C. Brigham Allen, Permanent President of the Graduating Class.
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LEAD COVERED CABLES AND WIRES—For underground installation, where a conduit system is not.
STEEL ARMORED CABLE—Where a conduit system is necessary, or where the earth is os its own conductive. Descriptive
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OVERHEAD SERVICE CABLE—Approved for use between
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FIBREX FIRE ALARM CABLE—Consists of a multiple
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FIRE THERMAL ALARM CABLE—Consists of a multiple
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CHAUNCY HALL SCHOOL

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One hundred years of accumulated experience in preparing students for higher educational institutions is available to Chauncy Hall students, the past thirty-four years having been confined to specializing for the Massachusetts Institute of Technology.

The thoroughness of the training given at this school is demonstrated by the fact that although the enrollment here is limited to one hundred and forty-eight students, one hundred and forty-eight Chauncy Hall prepared students were in attendance at the Institute during the past year.

Students who have successfully met Chauncy Hall requirements have no difficulty in carrying the Institute courses efficiently and creditably.

Students are trained in correct methods of study, accurate habits of observation, sound reasoning, and clarity and conciseness of expression. In addition to thorough preparation in the entrance requirements, special training is given in Mathematical and scientific subjects beyond secondary school work, such as the efficient use of the slide rule, the art of report writing, the correct use of laboratory instruments, the theory of error and precision of measurement.

Failure on the part of students after entering the Institute is usually due to insufficient preparation rather than to the difficulty of the Institute courses.

Students are advised to take an extra year of preparation rather than to begin work handicapped by "Conditions" or by "Cram" courses taken during the summer.

If you desire the advantage of such training, write or telephone for an appointment.

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THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge

The better high schools and other preparatory schools in the United States offer adequate preparation for the required entrance examinations given by the College Entrance Examination Board in June, or by the Institute in September.

Graduates of colleges or of scientific schools of collegiate grade, and in general all applicants presenting satisfactory certificates showing work done at another college corresponding to at least one year’s work at the Institute, are admitted, without examination, to such advanced standing as is warranted by their previous training.

The Summer Session extending from June to September includes most of the subjects given during the academic year and in addition special courses for teachers.

Any of the following publications will be sent free upon request:

Catalogue for the Academic Year (which includes the admission requirements).

Summer Session Catalogue.

Graduate Study and Research.

Correspondence should be addressed to

The Massachusetts Institute of Technology

Above Right: The Finish. At the N.E.I.A.A. Meet.

Right: A Little Greasy But Happy. The Victors and the Vanquished After the Annual Technique Rush on Open House Day. The Contestants Struggle for the Paddles Thrust From the Roof of a Greased Kiosk, Entitling Them to a Free Copy of the Yearbook Autographed by President Stratton.

Technology Branch

"THE COOP"

Is the Graduation Gift Shop for Technology Men.

Our Jewelry Department offers an interesting assortment of gift suggestions—

Waldemar Chains from $1.25 to $3.50
Cuff Links from $3.50 to $4.50
Compacts from $1.75 to $10.00
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Bracelets from $5.00 to $9.50
Pendant and Chain from $5.00 to $6.00
Bar Pins from $4.25 to $10.75
Paper Cutter from $1.00 to $3.00
Charms from $1.75 to $6.00
Brooches from $5.00 to $9.50
Pendant and Chain from $5.00 to $6.00
Rings from $2.75 to $15.00
Knives from $2.50 to $5.00

and many more articles too numerous to mention.

Our Stationery Department offers engraved stationery—combination boxes of paper and envelopes from 50¢ to $2.00. Fountain Pens—all the leading makes—Waterman, Parker, Chilton, Carter’s and Sheaffer—Price range in above lines from $2.75 to $8.75.

Room Decorations—Pennants, Banners and Pillow Covers in cardinal red and gray.

M. I. T. seal mounted on a wooden plaque—$3.00 and $5.00.

Pictures of the Institute taken from the air—two good ones—$1.00 each.

Bring in your family and friends. May we be of service to you once more before you leave?

Technology Branch, H.C.S.

No More Checks From Home

In the not so distant future, a time is coming when the check from home will be only a fond memory. You probably look forward to those days with mingled feelings. You welcome the idea of being on your own, knowing that money earned is doubly satisfactory for it represents accomplishment.

Contrary to popular conception, you’ll find that not all business men are exclusively interested in dollars and cents. You’ll quickly distinguish between the narrow and the broad viewpoint in business just as you do today in college.

Stone & Webster, Inc., has gathered an organization of men whose breadth of vision, whose ideals of service, whose ability are recognized in all business and professional fields. No matter what profession or business you choose, you’ll meet Stone & Webster men—financing utilities, operating gas, electric and transportation companies, building power and industrial plants. They’re wide awake, alert, progressive. You’ll find the Stone & Webster organization is worth knowing and worth doing business with.