

Includes 47 coeds

1442 admitted to Class of 1967

1442 high-school students had been accepted for admission into the Class of 1967 as of last Thursday, according to the Office of Admissions.

The students, including 47 women, were chosen from the 2854 applicants whose applications have been processed thus far. Of the applicants not admitted, 1239 were rejected and 173 put on the waiting list for admission.

1590 were offered admission last year, and 885 actually registered.

Several hundred applications for admission are still to be completed, reviewed, or acted upon, according to Roland B. Greeley, Director of Admissions, and final figures will not be available for several months.

20,000 expected to visit MIT during forthcoming Open House

By Alan Weinstein

20,000 people are expected to visit MIT during the biannual Institute Open House Saturday, April 27.

All Saturday-morning classes will be cancelled to enable the fullest participation by the student body.

Many city and state officials will be invited, including the mayors of Boston and Cambridge and the governor of Massachusetts.

Students and faculty members in each of MIT's departments will present exhibits and demonstrations. In addition, East Campus, Baker House, and two West Campus fraternities (Phi Beta

Epsilon and Delta Kappa Epsilon) will be open to the public for inspection. Student activity facilities will also be open for inspection.

Individual departments will conduct guided tours of their facilities. There will also be six general tours of the Institute.

Students can participate through the Open House Committee and academic departments. Information on such participation is available from Mike Huke '65, of the Open House Committee.

MIT given \$629,000 for computer center in biomedical sciences

The United States Public Health Service and the National Aeronautics and Space Administration have awarded MIT a contract for research in computer technology as it relates to the biomedical sciences.

The contract, which involves an initial investment of \$626,900 over a period of nine months, will be administered jointly by the Biosciences Program of NASA and by the National Institute of Health, Division of Research Facilities and Resources.

Under the contract, a Center Development Office has been set up at MIT. The center's purposes are to coordinate planning activities for a Regional Resource Center, and to evaluate the potential of a specially designed computer for the health-related sciences.

Jazz musician Pomeroy named Tectonian advisor

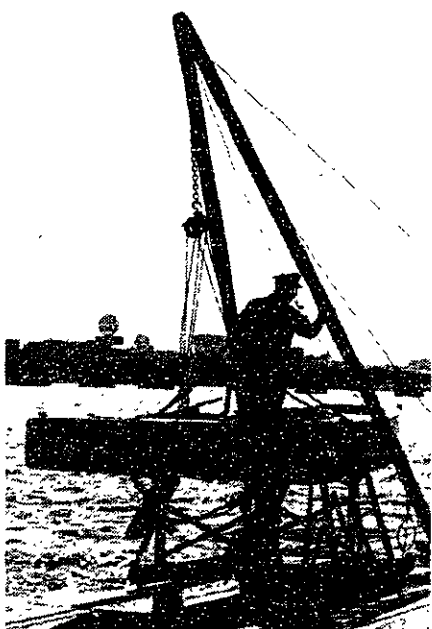
Herb Pomeroy, Boston band leader and instructor at the Berklee School of Jazz, has recently been appointed advisor to the Tectonians, MIT's concert jazz band.

Sailing season opens on Charles

MIT's nautical association officially opened the 1963 season last Monday. It's sailing facilities will be open to the MIT community until mid-November. Membership tickets are available starting April 1 at the Cashier's Office in the lobby of Building 10. The price is six dollars, and a membership card entitles the holder to use of the Sailing Pavilion throughout the season.

Instruction For Beginners

Experienced instructors will conduct Shore school classes during the week of April 8-13 for those who would like to learn how to sail. The first class will be in room 2-190 Monday, April 8 at 5:00 pm. The classes will alternate between in-the-classroom and on-the-water instruction during the week.



Jack Wood launches the first boat in preparation for spring sailing at the MIT Sailing Pavilion Tuesday, March 26. The pavilion opened Monday.

Harvard dean final conference speaker; delegates from 32 colleges attend

Don K. Price, Dean of the Harvard Graduate School of Public Administration, will be the major speaker for the MIT Intercollegiate Conference, entitled 'The Federal Government—How Much?' The conference, which begins today, will run through Saturday.

Price is one of the six guest speakers for the conference, which is bringing about 75 student delegates from 32 colleges and universities to MIT. His talk will be given Saturday at 2:30 pm in Kresge Auditorium.

There are 15 MIT delegates to the conference.

Dean Price will summarize and comment on conference discussion in three areas of federal ac-

tivity—economic growth and stability, scientific research and development, and labor-management relations—and will speak generally about the role of the federal government in national life.

The conference opens today with general registration at Kresge Auditorium.

Plenary sessions in Kresge, which will be open to the public, are scheduled as follows: 'The Role of the Government in Economic Growth and Stability,' tomorrow at 9:30 am; 'The Role of the Government in Scientific Research, Development, and Planning,' tomorrow at 8:30 pm; 'The Role of the Government in Labor - Management Relations,'

Friday at 1:30 pm; and the summary address Saturday at 2:30 pm.

The five previously announced guest speakers will address the first three plenary sessions. Speaking on economic growth will be Abba P. Lerner, of Michigan State University, and Paul McCracken, of the University of Michigan. William O. Baker, vice-president in charge of research at Bell Telephone Laboratories, will address the conference on the role of the government in scientific research and development. George P. Schultz, Dean of the Graduate School of Business at the University of Chicago, and Saul Wallen, professional labor mediator, will speak on the problem of labor-management relations.

Following each of the public lectures, there will be panel discussions with MIT professors, and then small group discussions among students, panelists, and speakers.

In addition to previously announced panelists, Professor Ithiel D. Pool, MIT Professor of Political Science, will participate in the discussion of economic growth and stability.

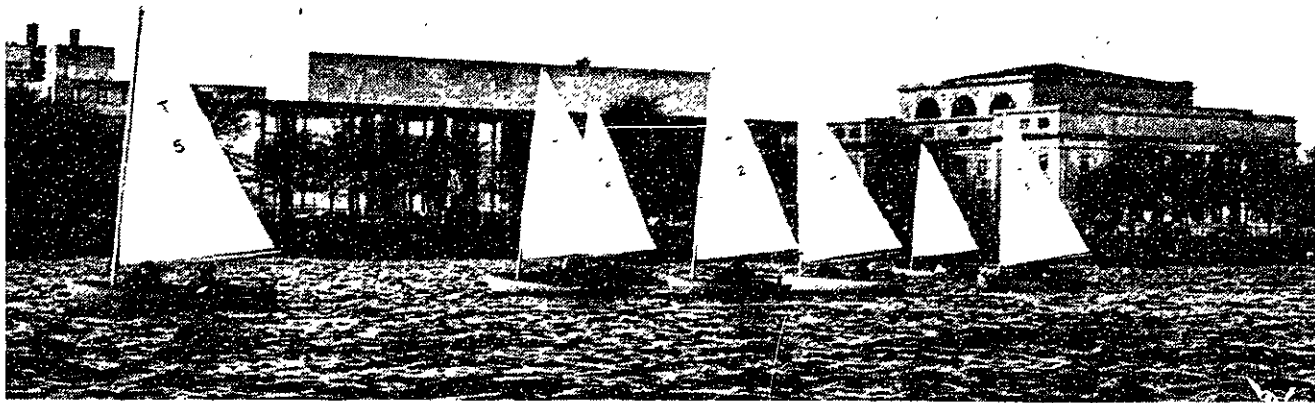
Male delegates will be housed in MIT fraternities, and females in Radcliffe dormitories. Besides attending conference proceedings, the delegates will attend a dance at Burton House Wednesday evening, tour MIT Thursday, and attend performances of the musical comedies 'Mary, Mary' or 'The Sound of Music' Friday and Saturday evenings.

Historian Butterfield to talk tonight

Herbert Butterfield, professor of modern history at Cambridge University, England, will deliver the 1963 Abramowitz Memorial Lecture at 8:15 p.m. this evening in Kresge Auditorium. His subject will be 'The Rise of Historical Criticism.' The program is free and open to the public.

Prof. Butterfield is a scholar of ranging interests and achievement. He has served as vice-chancellor of his university; master of Peterhouse, Cambridge University; and as editor of the Cambridge Historical Journal.

The Tech



Vol. 83, No. 8

Cambridge, Massachusetts, Wednesday, April 3, 1963

Five Cents

Stommel, von Arx named professors

Dr. William S. von Arx has been appointed professor of physical oceanography; and Henry M. Stommel, professor of oceanography. Professors von Arx and Stommel, who have collaborated in research at the Woods Hole Oceanographic Institution, will be associated again in the Green Center for Earth Sciences.

Prof. von Arx, who became a visiting professor at MIT in 1956 and part time professor in 1957, will be a full time member of the Department of Geology and Geophysics. His principal interests are the primary circulation of the ocean, the heat balance of the earth, the physical geodesy of ocean areas, and navigation and inertial reference at sea.

Prof. Stommel became a part time professor of oceanography

at MIT in 1958, became a research associate at Woods Hole in 1944, and two years ago was

Graduates' salaries above US average

Starting salaries for MIT graduates entering the fields of engineering and physical sciences run about \$15 per month above the national average, reports T. W. Harrington, head of the Student Placement Bureau.

The median starting salaries for jobs offered so far this year in aeronautical engineering are \$610 for a B.S. degree, \$825 for an M.S. degree, and \$950 for a Ph.D. degree. Corresponding starting salaries are \$605, \$750 and \$1000 in electrical engineering and \$585, \$710 and \$1000 in mechanical engineering.

About five hundred companies visited the Student Placement Bureau between February 6 and Spring Vacation, when the interviews ended. During this period the office averaged 28 interviews from 20 companies per day.

Sulg, Books qualify for debate tourney

The MIT varsity debate team of Madis Sulg '65 and Glen Books '63 qualified along with Holy Cross, Harvard, Dartmouth, and Boston College to represent New York and New England at the Seventeenth National Debate Tournament at West Point April 24 to 27. Thirty-eight teams chosen from among 500 throughout the country will vie for the national intercollegiate debating championship.

appointed professor of oceanography at Harvard. In his research he has been particularly concerned with the fluid dynamics of the ocean and its thermodynamic influence on the atmosphere. He has made important contributions to the theory of cumulus clouds and the distribution of such variables as temperature and humidity over the sea. He will serve in the Department of Meteorology.

"Professor von Arx is interested primarily in the relationship between ocean and land, while Professor Stommel concerns himself primarily with the relationship of the oceans to the air," according to Dean George R. Harrison of the School of Science. "Their collaborative approach will greatly strengthen the integrated program of education and research in the Green Center for Earth Sciences."

Efficiency, not speed

150 enter reading program

This term 150 undergraduates are participating in an exploratory reading program. The aim of the program is to develop reading efficiency, not speed.

Dean William Speer, Associate Dean of Student Affairs, reported that the program will probably be continued this fall. A questionnaire will be sent to students who registered for the course this term, and it will serve as a guide in planning next fall's course.

"This course is not a speed reading course," emphasized Mr. George Gibson, who is director of the program at MIT. Mr. Gibson is Director of Audio-Visual Education at Harvard Business School. According to Gibson, the course seeks to teach reading

efficiency and to relate the different forms of communication, such as reading, writing, and speaking.

"Efficiency in reading can be achieved by re-emphasizing to students the principles upon which literature is organized, and by teaching students to vary their reading methods to suit the reading material," Mr. Gibson stated.

"It is up to the student to put these ideas to work. There is no short cut to efficient reading. Anybody in college can read, but the lack of reading efficiency may be the reason why a person has difficulty keeping up with the work load."

The cost of the course is \$30.

Student hit by car on Memorial Drive; arm, leg fractured

By Richard Russell

Julian Garmil '66 was struck by an auto driven by Mrs. Marian Adkins of Cambridge at 7:00 pm Monday. Garmil and a companion were crossing the west-bound lane of Memorial Drive in front of the MIT boat house.

Dr. Elton Watkins, driving by, stopped to give aid to Garmil. Diagnosing a fractured left leg and right arm, Watkins recommended that the student be taken to Massachusetts General Hospital. MIT Campus patrolmen rushed him to the emergency ward.

Driving a 1959 Rambler, Mrs. Adkins failed to see the boys in the middle of the road. She swerved just in time to avoid a more serious accident, said Metropolitan District Commission police.

Garmil, of East Campus and Chelsea, Massachusetts, is manager of the freshman lightweight crew. He was leaving practice at the time of the accident.

Dean Frederick G. Fassett notified Garmil's parents of the mishap.

CENTRAL WAR SURPLUS

433 MASS. AVE. TR 6-8512
CENTRAL SQ., CAMBRIDGE

- HEADQUARTERS for LEVIS, LEES and WRANGLERS
Blue denim, whites, blacks, and greens
- SKI PARKAS and ACCESSORIES
- BOOTS and SHOES
- PARKAS and JACKETS
- ARMY and NAVY GEAR

SPECIAL!!
TURTLE NECK JERSEYS
Black, White, Red, Blue and Green
\$1.69 each 3 \$5.00

Nutrition department needs sick students

The Department of Nutrition and Food Science is in need of sick students in order to conduct studies on the influence of infections on nutrient needs.

Volunteers with infections who are able to continue their normal activities are eligible for the experimental program. They will receive \$5 per day and free meals.

Any student who feels ill may apply for the program at the Medical Department by seeing Mrs. Kingston or Mrs. Eldridge. For three days he will take his meals at the Nutrition Laboratory. The diet will be balanced, and will satisfy all appetite and nutrition requirements. He will be given special containers to save urine and fecal specimens for analysis.

At some time of his choosing

before the end of the term, he will be asked to resume the program of controlled diet and analysis for an additional six days. This procedure will enable the Nutrition Department to study his digestion while healthy.

According to Dr. Jean-Pierre Habicht, research associate, a study is being made on how sick people use protein. Previous studies have shown that sick infants excrete more protein end products on the same diet when they are sick than when they're healthy. In other words, more protein is being broken down than is being built up.

"But we don't know what happens in adults, and that's why this study is being made," he explains.

"My main interest is in underdeveloped countries. In the world

today there's no problem getting carbohydrates, but protein is much harder to come by and thus will become the limiting factor in the population explosion, nutritionally at least.

"Nobody knows just how much protein a person needs. Extra protein ingested by the body is not used efficiently, but is burnt off as calories. This is a very expensive sort of fuel for the body."

High-school students will attend symposium at MIT April 18-19

A Junior Science Symposium will take place at the Institute Thursday and Friday, April 18 and 19, under the sponsorship of MIT, International Business Machines Corporation, and the United States Army Research Office.

150 high-school sophomores and juniors from the Boston area, as well as a smaller group of science and mathematics teachers, will participate.

The keynote speaker will be Dr. Edwin H. Land, visiting Institute professor and inventor of the Polaroid Land camera.

Other speakers will be Dr. Hans-Lukas Teuber, head of the Psychology Section at the Institute; Dr. Charles Townes, provost and Dr. Harold Edgerton, developer of stroboscopic high-speed photography apparatus.

The final speaker at the Friday evening dinner will be Dr. C. Stark Draper, head of the Aeronautical and Astronautical Engineering Department.

Throughout the two-day period the students will visit laboratories and discuss a number of science and math projects of fellow high-school students and MIT freshmen.

Zamkochian to give final Symphony organ concert

Berj Zamkochian will give the final concert in the Symphony Hall Organ Concert Series Sunday at 6 p.m.

All seats are unreserved at \$1.50.

The program will be:
Concerto in A minor Antonio Vivaldi
Prelude and Fugue in C minor Bach
Three Choral Preludes Brahms
Sonata on the 94th Psalm Julius Reubke
"Le Tumulte au Pretrire"
Scherzo Paul De Maleingreau
Toccata Gaston Litalze
C. Alexander Peloquin

ACADEMIA ESPANOLA
SCHOOL of LANGUAGES
Small Groups and Private Instruction
Telephone **EL 4-2124**
54 BOYLSTON STREET CAMBRIDGE
(2 blocks from the Harvard Sq. MTA Sta.)

CLASSIFIED ADS

HELP! Audio Lab needs men to service and install high fidelity components. Full or part-time. See Dan Boynton at 142 Mt. Auburn Street. (A few blocks past the Treadway Motel.)

EXPERIMENT with Sleep-Learning! Fascinating, educational. Use your recorder, phonograph. Details, huge catalog free. Research Assn., Box 24-CP, Olympia, Wash.

'61 **SUNBEAM ALPINE**. Fully equipped. Best offer. LYnn 2-1567.

1962 **NSU Prima 5-Star Scooter**: spare tire, luggage rack, pillion seat. Consumes gas by eye dropper! Family expansion reason for sale. Call 523-0359.

FOR DIAMONDS, WATCHES, JEWELRY

DAVIDSON JEWELERS

of Kenmore Square

Guaranteed Repair Service

518 Commonwealth Ave. CO 7-0017

Get Lucky Play "Crazy Questions"

50 CASH AWARDS A MONTH. ENTER NOW. HERE'S HOW:

First, think of an answer. Any answer. Then come up with a nutty, surprising question for it, and you've done a "Crazy Question." It's the easy new way for students to make loot. Study the examples below; then do your own. Send them, with your name, address, college and class, to GET LUCKY. Box 64F, Mt. Vernon 10, N. Y. Winning entries will be awarded \$25.00. Winning entries submitted on the inside of a Lucky Strike wrapper will get a \$25.00 bonus. Enter as often as you like. Start right now!

(Based on the hilarious book "The Question Man.")

RULES: The Reuben H. Donnelley Corp. will judge entries on the basis of humor (up to 1/3), clarity and freshness (up to 1/3), and appropriateness (up to 1/3), and their decisions will be final. Duplicate prizes will be awarded in the event of ties. Entries must be the original works of the entrants and must be submitted in the entrant's own name. There will be 50 awards every month, October through April. Entries received during each month will be considered for that month's awards. Any entry received after April 30, 1963, will not be eligible, and all become the property of The American Tobacco Company. Any college student may enter the contest, except employees of The American Tobacco Company, its advertising agencies and Reuben H. Donnelley, and relatives of the said employees. Winners will be notified by mail. Contest subject to all federal, state, and local regulations.

<p>THE ANSWER: A LOT OF BUNK Wayne Ortolani, Univ. of Houston</p> <p>THE QUESTION: What does an enormous cowboy sleep in?</p>	<p>THE ANSWER: <i>The Eternal Triangle</i> James Lipo, Marquette Univ.</p> <p>THE QUESTION: What is bound to last longer than an ordinary triangle?</p>	<p>THE ANSWER: Ticker Tape Hank M. Glaser, Queens Coll.</p> <p>THE QUESTION: What's the layman's term for the electrocardiograph machine?</p>
<p>THE ANSWER: H₂O P. J. Morris, Univ. of Detroit</p> <p>THE QUESTION: In what section of the alphabet do the letters l, j, k, h, m, n belong?</p>	<p>THE ANSWER: HAMMURABI'S CODE John Behrus, Univ. of So. Cal.</p> <p>THE QUESTION: Whaddid' missus Hammurabi cadetz?</p>	<p>THE ANSWER: LEFT WING Robert T. Marsh, Jr., Mass. Inst. of Tech.</p> <p>THE QUESTION: What does an alpha-tross use to signal a left turn?</p>

THE ANSWER IS:

Get Lucky

the taste to start with... the taste to stay with

THE QUESTION IS: WHAT DO YOU GET WHEN YOU REQUEST A PACK OF THE MOST POPULAR REGULAR-SIZE CIGARETTE AMONG COLLEGE STUDENTS? Right! You get Lucky; you get the fine-tobacco taste of Lucky Strike. This great taste is the best reason to choose Luckies . . . the big reason why Lucky smokers stay Lucky smokers. So get with it. Get Lucky today!



Military Ball to be Saturday at Faculty Club Includes baby clinic

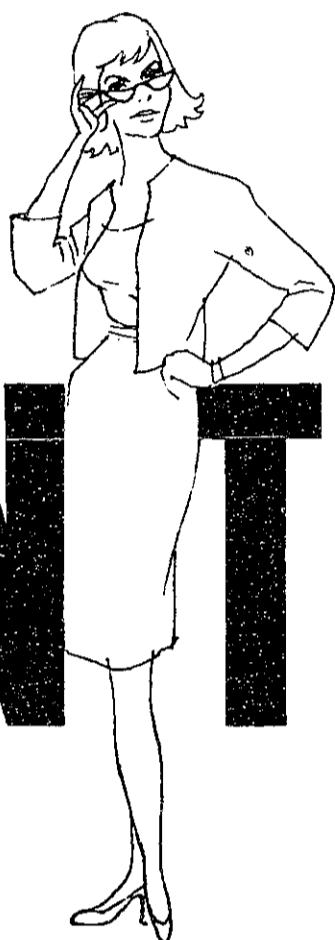
The annual MIT Military Ball will be this Saturday evening at the Faculty Club. The ball will be sponsored by the combined military societies of MIT. A Military Ball Queen, who will be chosen by the cadets at the ball, will be crowned as part of the ceremonies. Music will be provided by the First Naval District Band. Chairman of the Ball Committee is Cadet Major Kenneth Weyler, Commander of the Zeamer Squadron of the Arnold Air Society of MIT.

G. L. FROST Co., Inc.

AUTOMOBILE BODY REPAIRING & REFINISHING
E. W. PERKINS 31 LANSDOWNE STREET
Tel. ELiot 4-5100 CAMBRIDGE, MASS.

ANTHONY SALVATI BARBER SHOP

Tony, formerly of the Esquire Barber Shop
Specializes in Flat Tops and Ivy League Cuts
8 BROOKLINE ST., CENTRAL SQUARE—Opp. Simeone's



WONT

you join us on Allegheny, doll? If we round up a group of 10 or more, we can all take off together for Spring vacation . . . and save a sweet third of the round-trip fare. We can fly back separately, if we like, any time within 30 days. And if the group just wants a one-way ticket, we can still save 20%. We'll have more fun on the way . . . and more left to spend when we get there. Count you in? Marvelous! Now I need only two more . . . how about Fran and Connie?

Group Travel fare, for example:
Round-trip to Philadelphia, \$28.00 plus tax.
Call your travel agent or HUBbard 2-3160

ALLEGHENY AIRLINES

YOUR AIR COMMUTER SERVICE IN 12 BUSY STATES

Married students' dorm to open in fall

By Alan Rinsky
A baby clinic for pre-natal and post-natal care for babies and pregnant mothers will be one part of the new west campus married students' housing, opening this September. Five new buildings on the west end of the campus will provide housing for 210 married-student families. The buildings include a 16-story tower with 90 one-room efficiency apartments and 60 one-bedroom units. Four three-story buildings contain a total of 60 two-bedroom apartments. All are unfurnished. The ground floor of the 16-story tower has a lobby, superintendent's office, baby carriage storage area, and a variety store. There are two basements. The first has coin-operated laundry machines and the lower one contains storage cubicals. The building is served by two high-speed elevators. The rooms have large picture windows. Each apartment has

baseboard radiation heating, tile baths with showers, and a kitchenette with an electric stove, refrigerator, ventilator and cabinets.

The development has landscaped grounds with a play area, trees, and benches. Individual air-conditioners can be installed in the high-rise building.

Application for residence may be made to the Office of the Dean of Residence, Room 7-104. Apartments are leased on a one-year basis.

The two bedroom apartments in the low-rise building, primarily for couples with one or more children, are \$137 per month. The efficiency and one-bedroom apartments range from \$95 to \$130.

Eden named Senior House master after acting in post for 5 months

Dr. Murray Eden, associate professor of electrical engineering, has been appointed master of Senior House. He has served as acting housemaster since September 1962, succeeding Dr. Samuel J. Mason, professor of electrical engineering, who had been resident master since 1960.

Professor Eden was senior tutor in Senior House during the faculty residence of Prof. and Mrs. Mason. In describing the role of housemaster, Prof. Eden said, "In part it is one of being a representative of the faculty and administration to the student, and, on the other hand, one of interpreting the students' needs to the administration. He added, "I have a feeling that the second role may be more important than the first."

Prof. Eden holds a B.S. degree in chemistry from the City College of New York and a M.S. and Ph.D. in physical chemistry from the University of Maryland. Before joining the faculty of MIT in 1959, he was associated with research at Princeton University, the National Bureau of Standards, the National Cancer Institute, the National Heart Institute, and the University of Pennsylvania.

He is a specialist in mathematics applied to biology, including the areas of communications theory, pattern recognition, and human sensory processing. In addition to his MIT duties, he is a lecturer at Harvard Medical School in the Department of Preventative Medicine.

Protestant forum:

Bloy to discuss extramarital sex

The first of the Friday Night Forums, sponsored by the Protestant Christian Association, will be presented Friday in the Miller Room (3-070) from 5:15 to 6:30 p.m. The formal presentation will be followed by an informal discussion and refreshments.

'Sex Outside Marriage' will be the topic of Friday's panel discussion, with the Reverend Myron B. Bloy, Jr., Episcopal Chaplain; Dr. J. H. Brenner,

MIT staff psychiatrist; and Stanley Peters, '63.

April 12, 'Kiergaard; Phrophe for the 20th Century' will be the topic of discussion led by a student of the Harvard Divinity School.

Prof. Huston Smith will lead the discussion on 'The Post-Modern Mind,' April 26. The subject for May 3 will be 'Political Involvement of Science and Engineers.'

Low White Tennis Sneakers \$2.98

Wilson Tennis Balls
can of 3 — \$1.75

Central War Surplus

433 Mass. Ave., Cambridge TR 6-8512

TECHNOLOGY COOP

SENIORS!!!!

Have you ordered your Personal Name Cards yet?

Your personal calling card must be enclosed with your
GRADUATION ANNOUNCEMENTS

To be assured of on time delivery you must order by April 12, 1963

Do it now!! At the

TECHNOLOGY COOP!!

Lecture series on food science to begin in fall

An Underwood-Prescott Memorial Lectureship has been established at MIT.

Annual lectures will be presented at MIT beginning next fall, according to an announcement by President Julius A. Stratton of MIT and Mr. Raynor M. Gardner, Chairman of the board of trustees of the William Underwood Company.

Each lecture is to be presented by a scientist chosen for his contribution to the advancement of food science. An endowment will provide an honorarium and traveling expenses from anywhere in the world for the selected scientist. A committee headed by Dr. Samuel A. Goldblith, of the Department of Nutrition and Food Science, will select the lecturers.

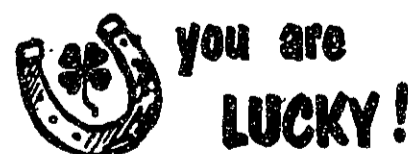
The lectureship will honor Dr. Samuel C. Prescott who, for many years, was Dean of the School of Science and head of the Department of Biology and Public Health, and William Lyman Underwood, grandson of the founder of the William Underwood Company.

Dr. Prescott died in 1962 as he approached his 90th birthday. He had been the founder and first president of the Institute of Food Technologists, founder and chairman of the Refrigeration Research Society, and president of the American Society of Bacteriologists. William Lyman Underwood died in 1928, was known not only for his work in bacteriology but also for his lectures and books on conservation and wildlife.

Freshman Council to sell Beaver Pins next week

Freshman Council will sell Beaver Pins in the freshman section beginning next week.

This year's pins, selling for \$1.50 each, will include the engraved initials of MIT. The jeweler is Von Kessel, of Beverly, Massachusetts.



Low-cost Savings Bank Life Insurance is available ONLY to people who live or work in Massachusetts. It's your privilege to apply for it for any member of your family from 15 days to age 70 — in amounts from \$500 up. Wide choice of policies: straight life, endowment, limited pay, mortgage-cancellation, D-5* (Special Dividend Option 5) and our famous term protection, all low, low cost. Ask for free folder giving rates and benefits.

Cambridgeport
Savings Bank

Right in Central Sq., Cambridge
Telephone UN 4-5271



Vol. LXXXIII No. 8 April 3, 1963

Chairman	Tobias Zidle '63
Managing Editor	David Trevett '65
Editor	Jason Fane '64
Business Manager	Howard Brauer '65
News Editor	Howard Ellis '65
Features Editor	Richard Schmalensee '65
Sports Editor	Clifford Weinstein '66
Photography Editor	Joseph Baron '66
Entertainment Editor	Mona Dickson '66
Advertising Manager	Bernard Yazed '64
Associate Managing Editor	Linda Rollin '64
Associate Editor	Ronald Frashure '64
Associate Sports Editor	John Reintjes '64
Associate Photography Editors	Maxim Smith '64
	Conrad Grundleher '64
Copy Editor	Lynn Morrill '66
Controller	Kenneth Grace '63
Treasurer	Malcolm Wheeler '66
Circulation Manager	Kenneth Browning '66
Typographic Consultant	Joseph Hanlon '63

Conference

MIT's four-day intercollegiate conference on "The Federal Government: How Much?" begins today. The conference is organized as an educational event; students are not expected to solve the basic technical and philosophical problems of government. Rather, they are to learn about these problems and some possible solutions to them.

MIT has impressive credentials for sponsoring a conference on the federal government. MIT provided scientific advisors at the highest level to Presidents Roosevelt and Eisenhower. Jerome Wiesner, former director of the MIT Research Laboratory for Electronics, is now President Kennedy's chief scientific advisor. Wiesner will speak tomorrow evening.

MIT is active in the social sciences as well as the physical sciences, and has leading authorities on economics, political science, psychology, linguistics, and the humanities. MIT's President, Julius A. Stratton, calls the Institute "a university polarized around science."

MIT has five schools: Architecture and Planning, Engineering, Humanities and Social Science, Industrial Management, and Science. Walt W. Rostow and Paul A. Samuelson, economists from the

School of Humanities and Social Science, are among the better known MIT men serving the Kennedy Administration. Samuelson will participate in tomorrow morning's session.

To the delegates: MIT has gone to much effort and expense to provide the finest speakers and discussions possible. Take full advantage of the plenary sessions and participate fully in the discussions.

Try to find time to see some of MIT. The Institute is outstanding not for its buildings, but for its people and its attitudes. The people will speak for themselves. Notice two basic MIT attitudes: flexibility, and freedom coupled with responsibility.

To MIT Students: You may listen to all of the lectures in Kresge Auditorium as well as the delegates' discussions. The conference will offer you an opportunity to hear expert views, meet other students from schools across the nation, and get the viewpoints of people with a non-technical education.

Strike ends

The New York newspaper strike is over, after a four-month news void. What are the results of the strike?

(1) Millions of people in New York and elsewhere were left uninformed without their familiar daily papers. In vain, radio, television, magazines, and several new dailies moved in to try to fill the gap left by the strike.

(2) There was large economic loss to many businesses which depend on newspaper advertising for much of their sales. A short depression started in the Canadian paper-producing areas which supply the dailies.

(3) The newsstand price of several papers has doubled to 10c a copy.

This strike, like most strikes, hurt many people and helped few. It weakened the position of both management and employees of the papers because it reminded the public that daily newspapers are not basic to survival, only a pleasant and convenient way to get informed.

Inside Inscomm

Inscomm prepares for next year; interviews for many jobs Tuesday

by Steve Miller

Editor's Note: Steve Miller '64 was elected chairman of Finance Board last month. He will serve for the forthcoming year.

Finance Board is unique among the subcommittees of the Institute Committee in having a majority of its members elected directly by Inscomm.

The chairman is chosen by the outgoing Inscomm; & five of the six remaining members are chosen by the new Inscomm. The other member is the treasurer of Activities Council.

The Executive Committee of the Institute Committee will interview applicants for the remaining positions. Of these, two will be filled by juniors, three by sophomores.

While there are no set qualifications for members of the board, in the past they have usually had a background in activities or in financial management (as frater-

nity or organization treasurers). Interviews will be Saturday; interested and qualified persons should contact me (extension 3215) and should call Betty Hendricks (extension 2696) in Litchfield Lounge, Walker, for an interview appointment.

The Finance Board is one of the most important arms of the Undergraduate Association. It is responsible for:

- (1) Distributing the Institute grant of about \$45,000 a year among the Institute Committee, its subcommittees, and the various activities.
- (2) Helping activities with financial problems in any way it can.
- (3) Keeping a watchful eye on the financial affairs of the activities and of the Inscomm subcommittees, to try to stop financial

(Please turn to page 5)



PEANUTS appears daily and Sunday in the Boston Herald.

Four departments give orientation open houses

Electrical Engineering

The Department of Electrical Engineering will give an open house for freshmen today in the Vannevar Bush Room, 10-105, from 4:00 to 6:00 p.m.

The primary basis of electrical engineering is a working mastery of the basic sciences of mathematics and physics. On these is built study of the principles of electrical engineering and their application. Humanities and social sciences are also intended to form an integral part of the program.

The departmental program includes in the second, third, and fourth years four core subjects, required of all students. These classroom-laboratory subjects emphasize basic principles and methods of analysis as well as their application to electrical engineering.

The course has two main streams of emphasis. The first, circuits and signals, includes 6.01, 6.02, and 6.05, along with the accompanying laboratories 6.70 and 6.71. These emphasize measurements and active circuits.

The second stream, in reality a branch of the first, is more physical, emphasizing fields and energy. These subjects, 6.03, 6.06, 6.07, and 6.08, along with their laboratories 6.72 and 6.73, deal with the more physical aspects of radiation, electromagnetic theory and thermodynamics. In addition, subjects in mathematics, physics, and computer technology are offered. Thesis research projects and elective subjects enable students to pursue further their special areas of interest.

The department offers two undergraduate degree programs: Electrical Engineering (Course 6, Program 1); and Electrical Science and Engineering (Course 6, Program 2), which emphasizes a deeper understanding of the engineering sciences.

Geology and Geophysics

The Department of Geology and Geophysics offers programs in geology, geochemistry, geophysics, meteorology and oceanography. The department will present an orientation open house for freshmen in Room 24-321 from 4:00 to 5:30 p.m. tomorrow.

Because of the many divisions of study, and the small undergraduate enrollment, this course provides highly individualized programs leading to a B.S. in the earth sciences. There are few required courses, and electives are largely unspecified. Each student is guided by his faculty advisor through a series of courses oriented around his particular field of interest.

The course does require that students fulfill a field experience requirement. This may be done by attending the MIT summer

field camp for geologists, or by going on a cruise or working in an appropriate laboratory over the summer. MIT has a permanent arrangement with the Woods Hole Oceanographic Institute to provide places for students during the summer.

Although they are regarded as descriptive sciences, requiring field experience, MIT takes a quantitative approach to the earth sciences. The department leads in the field of geophysics with the electronic instrumentation techniques it has developed.

Some of the earliest and most significant work on the age of the earth has been done here. At present, members of the department are working with COM-PASS, the Committee on Planetary and Space Science, to set up a course sequence in space science.

Life Sciences

The Department of Biology will hold an open house meeting for interested freshman this afternoon at 5:00 in the Loofbourow Lounge, 16-711.

In the past decade, biology has evolved from the conventional fields of classical botany and zoology into a new field of scientific endeavor. Biology today utilizes chemistry and physics; the research laboratory of today's biologist comprises electronic and optical systems of all kinds, electron microscopes, and mass spectrometers, as well as many of the methods of electrical and nuclear instrumentation.

This new approach to the life sciences is especially at home in the MIT environment, where there are important activities and facilities in all the physical sciences.

The Department of Biology offers the course in Life Sciences Course (7), leading to a bachelor's degree in four years. The curriculum is designed to prepare students for teaching and research careers in biology, for graduate study, and for work in industries which are concerned with biological materials and fermentation processes.

The course stresses the application of quantitative, analytic methods in the subjects of pure biology. Ordinarily, general biology and organic and analytical chemistry are taken in the second year; genetics and cytology, developmental biology, and physical chemistry in the third year; biochemistry, physiology, and thesis in the fourth year. 45 elective hours are provided.

The department places great emphasis on its premedical program. Aiding in this program are a dozen or more medical doctors who have come to the department for special post-doctoral studies and research.

Humanities and Science or Engineering

The Department of Humanities is holding an open house tomorrow afternoon at 5:00 in the Hayden Library Lounge.

The department offers two courses to undergraduates: Humanities and Engineering (Course 21-A) and Humanities and Science (Course 21-B). These courses combine the basic subjects in a science and engineering discipline with a concentrated program in the humanities, in nearly equal proportions.

The courses are also designed as preparation for graduate work in law, medicine, business, science, and major fields of the humanities. A bachelor's degree

is awarded after four years; an additional bachelor's degree in the student's particular science or engineering field may be obtained after one more year of study. The courses are exceptional for the large number of elective credits. Besides the 176 hours of basic Institute requirements, only 26 hours are specified by the department: the Humanities Senior Seminar and a thesis. The rest of the credits are taken up by 48 hours of humanities electives, 52 hours of science or engineering electives in one department, and 58 unspecified electives.

In both humanities and science

or engineering electives, there is some concentration on a specific field. But the more specialized technical subjects are omitted, and other departmental electives may broaden the technical part of the program.

In the Humanities portion of the course is a sequence of advanced work, in concentrating in one particular humanities discipline of the student's choice: literature and the arts, history, philosophy, or the history and philosophy of science. This concentration begins with two basic subjects in the arts selected for study.

● CAMERA SPECIAL THIS WEEK ●
New Exakta VXIIA F2 Biotar Auto
 PENTA PRISM R.F. List \$299.50 Our Special **\$139.50**
 Cameras & Photo Supplies, Binoculars,
 Tape Recorders, All Major Brands
 Lowest Prices Anywhere
WOLF & SMITH PHOTO SUPPLY & DRUG CO.
 907 Main St., cor. Mass. Ave., Cambridge
 TR 6-3210

3 JEWISH CULTURAL SUMMER PROGRAMS
 FOR COLLEGE STUDENTS OFFERED BY THE STUDENT ZIONIST ORGANIZATION

1. **SUMMER-IN-KIBBUTZ** Rate: \$635.00*
 Ten Week work program on a Kibbutz. See Israel
 2. **ISRAEL SUMMER INSTITUTE** Rate: \$895.00*
 7 weeks of Fields trips — Seminars — Kibbutz life.
 3. **COLLEGE HEBREW ULPAN** in United States, Learn Conversational Hebrew in 1 Summer. An accredited Intensive program for advanced & beginner students. Program given at South Branch, N.J. Rate: \$295.00
- *Includes Round Trip flight from New York*

Clip & Mail to Student Zionist Organization Regional Representatives

A.—New England Philip Horn — 17 Commonwealth Ave. — Boston, — Mass. Phone — CO 7-3600

B.—Mid-Atlantic & N.Y.C. Rabbi S. Goldstein — 515 Park Ave. — New York 17, N.Y. Phone PL 2-1234

C.—Canada Saul Panofsky — 2025 University St. — Montreal, Quebec Phone VI 4-2831

D.—Midwest Reuben Surkis — Rm. 1704, 220 South State St. — Chicago, Ill. Phone WA 2-9365

E.—West Robert Keller — 590 North Vermont — Los Angeles, Calif. Phone WO 2-2181

I am interested in Program 1. (), 2. (), 3. ()

NAME Age School

ADDRESS

Construction to begin this fall

New overpass planned for Charlesgate

A \$3,500,000 overpass and one of the world's largest traffic ovals are planned by the Metropolitan District Commission to eliminate a major Boston bottleneck.

The bottleneck is the Storrow Drive-Charlesgate-Fenway complex. The construction will start this fall, with completion scheduled for about a year later.

The highway will run between Charlesgate East and Charlesgate West on an overpass above the Muddy River.

To ease the daily flow of more than 100,000 vehicles, the Commission chose plans detailing a four-lane, single-roadway overpass. Motorists leaving Storrow Drive cross over Beacon Street, Commonwealth Avenue, the Boston extension of the Massachusetts Turnpike, and Ipswich Street and come into a modernized and enlarged Gaston Circle. The Fenway circle will become an oval 1200 feet long and 1000 feet wide, with traffic moving in a one-way stream around the oval.

The project is not without its opponents. The Fenway Civic Association, a citizens' group dedicated to "saving the Fenway," has protested that the plans will ruin the peace and beauty of what should be a quiet park and recreation area. The Association feels it is impossible to handle the proposed traffic increase on the Fenway circle without widening the roads and thus taking park land. The overpass itself is under fire because it would ruin the beauty of the area; the association prefers an underpass to preserve the city's green spot on the Fenway.

The area is already feeling the new road improvement program's effects. Last week the Kenmore Square detour went into effect, rerouting traffic from the closed Brookline Avenue bridge. Inbound traffic will be diverted into Boylston Street or Park Drive; outbound vehicles will use Beacon Street or Boylston Street much as before.

Students may join Incomm subcommittees

(Continued from Page 4)

trouble before it starts. Finance Board has the ultimate financial responsibility if an activity shows a deficit.

The board reviews financial reports from all activities—twice a year for most, as often as once a month for the large activities.

(4) Negotiating the size of the grant which the Undergraduate Association receives from the Institute.

Next year is in the planning stage right now. The projects begun at this time last year have been or soon will be completed.

Among these projects are freshman orientation, Christmas convocation, the Intercollegiate Conference, the Junior Science Symposium, and Open House.

Many of these programs are of an annual nature. Many more are of the "excellent-this-year-but let's try - something - else - next - year" type. It is this latter type that is of immediate concern.

The Executive Committee invites your comments and suggestions, and emphasize that the standing and special subcommittees are now in the formative stages. Prospective committee chairmen and Finance Board members will be interviewed Saturday, and the Institute Committee will conduct its elections next Tuesday.

SOUTH SEAS

21 HARRISON AVE.
 HA 6-4210
 (Between Essex & Beech Streets, Boston)
ISLAND & CANTONESE FOOD • EXOTIC DRINKS
 Authentic Hawaiian Luau
 Moderate Prices
 11 a.m.-3 a.m.
 Daily & Sunday

MEN!
 Just Arrived... The Sensational New
Lee
WESTERNER
 SLIM, TRIM, PANTS



Exclusive Lee Westweave the extra durable fabric. The long staple cotton fibers are fortified in the weave for longer, better wear, lasting good looks.

Handsome-tailored for smart appearance.

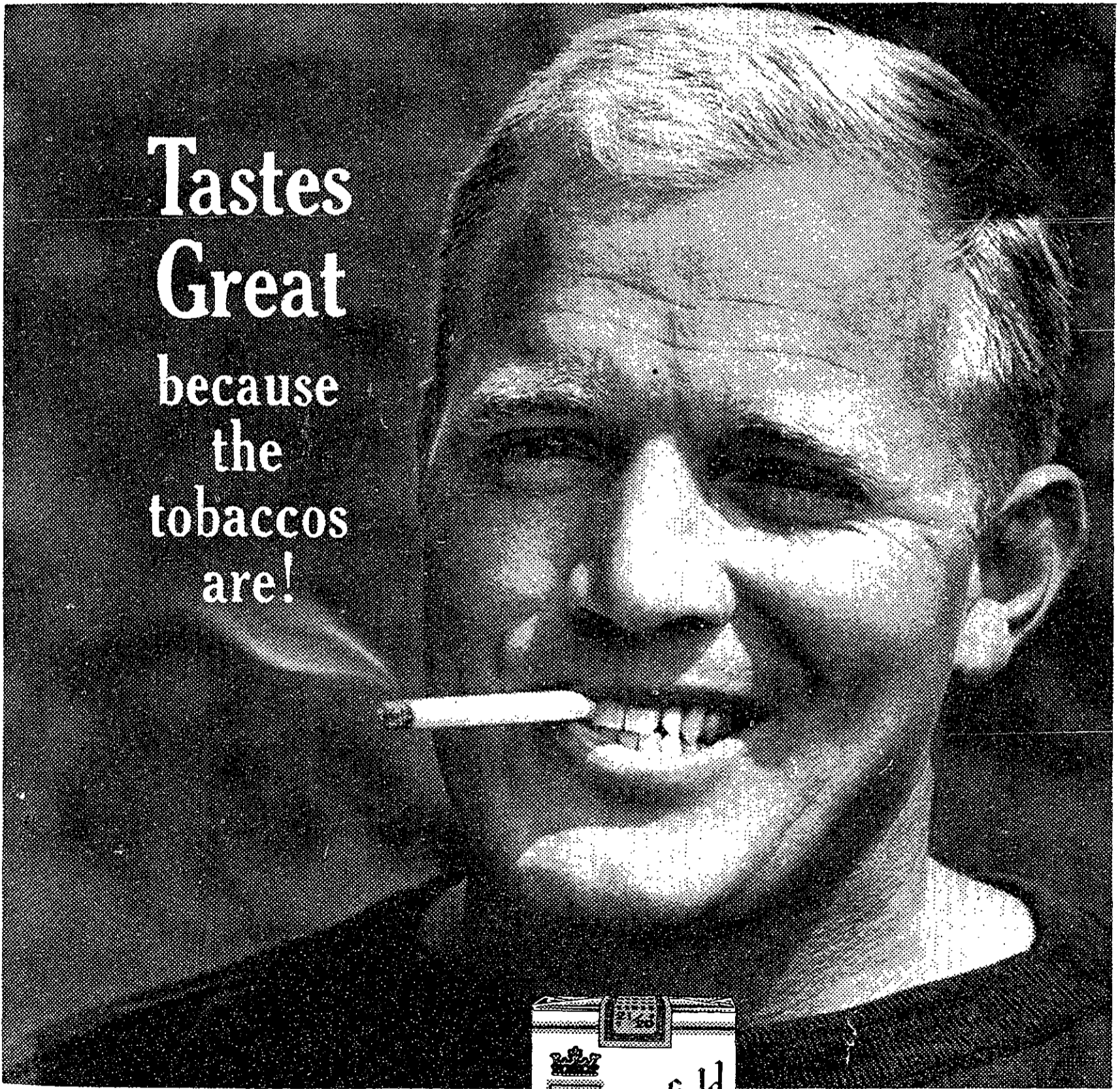
SANFORIZED - MERCERIZED
 FADE-PROOF - GUARANTEED

Desert Tan

Men's **\$4.95**
 Sizes 30 to 36

Get them today

THE TECH COOP



Tastes Great because the tobaccos are!

21 GREAT TOBACCOS MAKE 20 WONDERFUL SMOKES!
 Vintage tobaccos grown, aged, and blended mild... made to taste even milder through the longer length of Chesterfield King.

CHESTERFIELD KING
 TOBACCOS TOO MILD TO FILTER, PLEASURE TOO GOOD TO MISS



FOR A GENTLER, SMOOTHER TASTE

ORDINARY CIGARETTES

CHESTERFIELD KING

ENJOY THE LONGER LENGTH OF CHESTERFIELD KING

The smoke of a Chesterfield King mellows and softens as it flows through longer length... becomes smooth and gentle to your taste.

blues an' folk
COFFEE HOUSE ENTERTAINMENT
JOHN HAMMOND, JR.
TONIGHT! thru SAT. NIGHT
OPENS APRIL 11: GREG HILDEBRAND
Cafe Yana 50 BROOKLINE AVENUE
KENMORE SQUARE KE 6-3888
Nightly 9-1

'Candida' opens tonight at Charles
George Bernard Shaw's classic comedy "Candida" will open tonight at the Charles Playhouse.
Cast in the title role is Gwyda DonHowe, a member of New York's Phoenix Theatre Acting Company. Leon Shaw, who has appeared in previous leads at the Playhouse, will be seen as the Reverend James Mavor Morell, Tucker Ashworth, a founder-member of the Association of Producing Artists, plays the role of Marchbanks.
Others cast in the comedy are Norman Bowler, as the Reverend Alexander Mill; Robert van Hooten, as Mr. Burgess; and Denise Huot, as Proserpine Garnett. The play is under the direction of Michael Murray.
"Candida" is the sixth production of the season.

movie sch
Tues., Apr. 2 through Tues. Apr. 9
(Unless otherwise stated, the Sunday schedule is the same as the weekday schedule except no movies are shown before 1 p.m.)
ASTOR—"The Longest Day," 8:15; Wed., Sat., Sun., 2:00; Sun. 7:30
BEACON HILL—"David and Lisa," 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:30, Sun., 1:30, 3:30, 5:30, 7:30 9:30
BOSTON CINERAMA—"How the West Was Won," eves., 8:30, mats. Wed., Thurs., 2:00, Sat., Sun., 1:00, 4:45
BRATTLE—Through Saturday: "Bitter Rice," Sun.-Mon.-Tues.; "The Island," Daily 5:30, 7:30, 9:30, matinee Sat. & Sun. at 3:30. Starting Wed.: "The Seven Samurai" (formerly titled "The Magnificent Seven"), 7:00 and 9:30 only.
CAPRI—"Love is a Ball," 9:30, 11:30, 1:30, 3:30, 5:30, 7:30, 9:30
COOLIDGE CORNER—"A Coming Out Party," no times available.
EXETER—"Love and Larceny," 2:15, 4:00, 5:50, 7:35, 9:25.
FENWAY—through Thurs., "The Girl With the Golden Eyes," 1:35, 3:33, 5:31, 7:21, 9:27
FINE ARTS—"Grand Illusion" and "Rashomon," no times available
HARVARD SQUARE—"Diamond Head," 3:00, 6:10, 9:20; "Blast of Silence," 1:35, 5:00, 8:10. Next Wed.-Thurs.: "Suspicion," 1:40, 5:25, 9:30; "A Place in the Sun," 3:20 and 7:20.
KEITH MEMORIAL—"The Birds," 9:50, 12:10, 2:30, 4:50, 7:10, 9:30; Sun., 1:00, 3:06, 5:12, 7:18, 9:24
LOEW'S ORPHEUM—Today "The Great Caruso," 10:00, 1:45, 5:35, 9:25; "Showboat," 11:50, 3:40, 7:30

THE UNICORN
825 BOYLSTON STREET, BOSTON
NOW THRU APR. 14
CAROLINE HESTER
BALLAD AND FOLK SONG
APR. 14-28
RAMBLING JACK ELLIOTT
WORLD FAMOUS RECORDING ARTIST

THE CATACOMBS
1120 Boylston Street
Across from Bostonian Hotel
NOW THRU APR. 14
BROWN and DANA
APR. 15-21
TOM RUSH

MIT Music Library Series
present woodwind quintet
The Musical Arts Woodwind Quintet of Ball State Teachers College, Muncie, Indiana, will present a concert in the Music Library Series Tuesday, April 9, at 5:00 p.m.
The concert is free.
The program will include:
Sinfonia by Bernhard Heiden
G Minor Quintet, opus 56, no. 2, by Franz Danz.
Quintet (1963) by Robert Sherman
Quintet by Paul Hindemith.



We went to the mountain to make 1963 Ford-built cars go 30,000 to 100,000 miles between major chassis lubrications

Quite a task faced Ford Motor Company engineers when they set out to eliminate the traditional trip to the grease rack every 1,000 miles.

Like Mohammed, they went to the mountain—Bartlett Mountain on the Continental Divide in Colorado. More molybdenite is mined there than in the rest of the world combined. And from molybdenite ore comes the amazing "moly" grease that helps extend the chassis lubrication intervals for Ford-built cars. This grease sticks tenaciously to metal, stands up under extreme pressures and resists moisture, pounding and squeezing. It is slicker than skates on ice!

New, improved seals were developed. Bushings, bearings and washers of many materials were investigated. Slippery synthetics, like nylon and teflon, were used a number of new ways.

The search for means to extend chassis lubrication also led to New Orleans—where experimental suspension ball joints tested in taxicabs in regular service went two years without relubrication.

It took time. And ingenuity. But the effort paid off when Ford-built cars were the first to build in chassis lubrication good for 30,000 miles or two years—whichever came first.

Another assignment completed—another "Ford First" and another example of how Ford Motor Company provides engineering leadership for the American Road.



MOTOR COMPANY
The American Road, Dearborn, Michigan
WHERE ENGINEERING LEADERSHIP BRINGS YOU BETTER-BUILT CARS

A Bankruptcy

Brought in These and Bargains, Available
AUDIO LAB
Tech-Master pre-amplifier
TV-FM Radio Signal Booster
Screwdrivers and Nutdrivers
A-800 pre-amplifier kit
Three-In-One Tool
(wire stripper, crimper)
AUDIO WORKSHOP
20 Speaker Systems
McIntosh MR65
Garrard RC98 Changer
Bozak Complete System
Harmon-Kardon A300
Bogen DB110G
Bogen FM 50
H. H. Scott 350
AUDIO LAB, INC.

theatre

Ibsen's 'Master Builder' now at Image

By Charles Foster Ford

Ibsen is difficult to stage in-the-round. Also, he is not so modern as he used to be. Nevertheless, John Paul Austin and the Image Theatre have put a creditable production of 'The Master Builder' into their three-quarter round stage.

The matter of the play is a portrait, in almost Freudian terms, of a successful, aging architect. He is presented first as a gruff, ruthless genius, jealous of his position, afraid he may soon be overthrown by younger men.

His inner turmoils are slowly revealed in the visit of a young girl, who met him 10 years before at the dedication of his one real triumph: a church with a very high steeple. Since that time, a guilty sense that he had somehow caused the death of his infant sons had blighted all his successes, frustrated his marriage, and denied him all happiness.

Climbing that steeple, to place a ceremonial wreath upon it, is made a symbol of freedom and success. The young girl tempts him to freedom once more, but while attempting to duplicate this symbolic feat, the architect falls to his death.

The play is really one long dialogue between Halvard Solness and Hilda Wangel, played quite well by Peter Douglas MacLean and Susan Dorien. Mr. MacLean in particular fills his long part with subtlety and understanding. His hesitant eagerness to be free, his reluctant confession of buried guilt are very real and moving.

Miss Dorien has learned much at Tufts Arena Theatre. Her quicksilver movements contrast immediately with the deliberate, hesitant household which she enters. Occasionally, however, her storms of emotion and flashes of bone-hard determination betray a good

THE MASTER BUILDER, by Henrik Ibsen, translated by Gosse and Archer, staged by Paul John Austin costumes by Barbara Mathieson. At the Image Theatre, 54 Charles Street.

The Cast
Kaia Fosli Janet Lane
Knut Brovik Paul Benedict
Ragnar Brovik Louis Lopez-Cepero
Halvard Solness Peter Douglas MacLean
Alma Solness Nina Jeffers
Dr. Herdal George Q. Quenzel
Hilda Wangel Susan Dorien

actress using a style at variance with her fellows.

Some of the best acting, however, comes from the minor roles, the little character-parts which are sprinkled through the play. Paul Benedict plays a dying man (Knut Brovik), whose one hope is to see his son begin a career before the end. As his son (Ragnar), Louis Lopez-Cepero portrays excellently the frustrated anger of a young man eager to create something of his own at least.

Janet Lane also contributes a tiny gem. Her Kaia Fosli is a timid young bookkeeper, engaged to Ragnar, yet hopelessly in love with Solness. Her posture, every gesture and inflection are thoroughly eloquent.

It is in such superb parts as these that one sees best what I have come to think of as the Image Theatre's style of acting.

METER 67067
VITTORIO GASSMAN
LOVE AND LARCENY
"HILARIOUS!"
TIME MAGAZINE

They seem to imply rather than reveal their meaning, saying much more by manner of delivery than the lines say in themselves. Many times, Nina Jeffers as Mrs. Solness revealed much more in her few cryptic phrases than all of the lengthy confessions of Solness himself.

With playing such as this, where much more than the lines themselves is conveyed and understood, the real action of the play takes place in the minds of the audience, rather than onstage. In some scenes, Mr. MacLean could match this style, but Miss Dorien, despite her other excellent qualities, could not.

O'Neill's 'Ah, Wilderness' opens tonight at BU

Eugene O'Neill's comedy 'Ah, Wilderness' will be presented by Boston University tonight through Friday at the University Theatre, 264 Huntington Avenue, at 8:30 pm.

HARVARD SQ. UN 4-4500
"DIAMOND HEAD" 3:00, 6:10, 9:30
"BLAST OF SILENCE" 1:35, 5:00, 8:10
Next Wed.-Thurs.
"SUSPICION" 1:40, 5:35, 9:30
"A PLACE IN THE SUN" 3:20, 7:20
BRATTLE SQ. TR 6-4220
Through Saturday
"BITTER RICE" Sunday-Tuesday
"THE ISLAND" Daily 5:30, 7:30, 9:30 — Matinee Sat. & Sun. 3:30
Starting Wednesday
"THE SEVEN SAMURAI" (formerly titled "THE MAGNIFICENT SEVEN") 7:00 and 9:30 only

German organist to present concert April 10

German organist Michael Schneider will give a recital in Kresge Auditorium, Wednesday April 10 at 8:30 p.m.

His program will include works of two German contemporary composers not frequently heard here.

Tickets at \$1.50 are available from the Kresge Auditorium box

office, extension 2910.

The program:
Prelude and Fugue in F Major
Cantata Sacra "Warum betrübet du dich" Samuel Scheidt
Toccatto, Adagio and Fugue in C major J. S. Bach
Suite No. 1, Opus 67 Max Baumann
Chaconne in A minor J. Nepomuk David
This is last of this year's organ concerts presented by the Humanities Department.

On Campus with Max Schulman
(Author of "I Was a Teen-age Dwarf," "The Many Loves of Dobie Gillis," etc.)

HOW TO GET EDUCATED ALTHOUGH ATTENDING COLLEGE

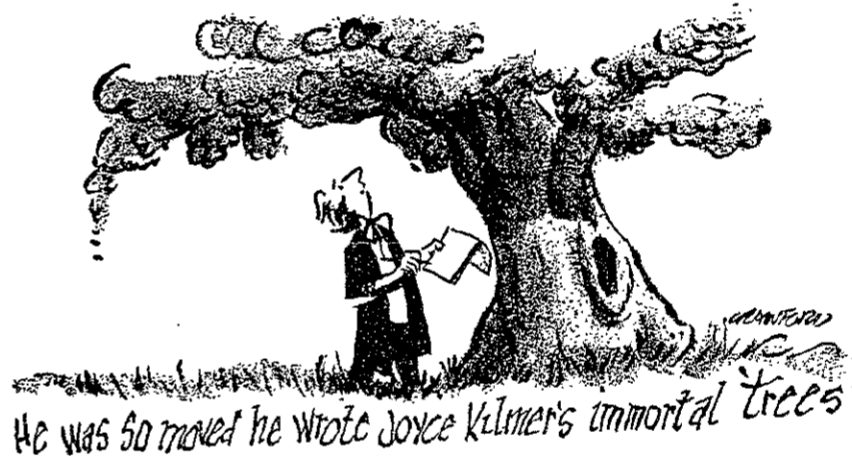
In your quest for a college degree, are you becoming a narrow specialist, or are you being educated in the broad, classical sense of the word?

This question is being asked today by many serious observers—including my barber, my roofer, and my little dog Spot—and it would be well to seek an answer.

Are we becoming experts only in the confined area of our majors, or does our knowledge range far and wide? Do we, for example, know who fought in the Battle of Jenkins' Ear, or Kant's epistemology, or Planck's constant, or Valsalva's maneuver, or what Wordsworth was doing ten miles above Tintern Abbey?

If we do not, we are turning, alas, into specialists. How then can we broaden our vistas, lengthen our horizons—become, in short, educated?

Well sir, the first thing we must do is throw away our curricula. Tomorrow, instead of going to the same old classes, let us try something new. Let us not think of college as a rigid discipline, but as a kind of vast academic smorgasbord, with all kinds of tempting intellectual tidbits to savor. Let's start sampling tomorrow.



We will begin the day with a stimulating seminar in Hittite artifacts. Then we will go over to marine biology and spend a happy hour with the sea slugs. Then we will open our pores by drilling a spell with the ROTC. Then we'll go over to journalism and tear out the front page. Then we'll go to the medical school and autograph some casts. Then we'll go to home economics and have lunch.

And between classes we'll smoke Marlboro Cigarettes. This, let me emphasize, is not an added filip to the broadening of our education. This is an essential. To learn to live fully and well is an important part of education, and Marlboros are an important part of living fully and well. What a sense of completeness you will get from Marlboro's fine tobaccos, from Marlboro's pure filter! What flavor Marlboro delivers! Through that immaculate filter comes flavor in full measure, flavor without stint or compromise, flavor that wrinkled care derides, flavor holding both its sides. This triumph of the tobaccoist's art comes to you in soft pack or Flip-Top box and can be lighted with match, lighter, candle, Welsbach mantle, or by rubbing two small Indians together.

When we have embarked on this new regimen—or, more accurately, lack of regimen—we will soon be cultured as all get out. When strangers accost us on the street and say, "What was Wordsworth doing ten miles above Tintern Abbey, hey?" we will no longer slink away in silent abashment. We will reply loud and clear:

"As any truly educated person knows, Wordsworth, Shelley, and Keats used to go to the Widdicombe Fair every year for the poetry-writing contests and three-legged races, both of which they enjoyed lyrically. Well sir, imagine their chagrin when they arrived at the Fair in 1776 and learned that Oliver Cromwell, uneasy because Guy Fawkes had just invented the spinning jenny, had cancelled all public gatherings, including the Widdicombe Fair and Liverpool. Shelley was so upset that he drowned himself in a butt of malmsey. Keats went to London and became Charlotte Bronte. Wordsworth ran blindly into the forest until he collapsed in a heap ten miles above Tintern Abbey. There he lay for several years, sobbing and kicking his little fat legs. At length, peace returned to him. He looked around, noted the beauty of the forest, and was so moved that he wrote Joyce Kilmer's immortal Trees... And that, smart-apple, is what Wordsworth was doing ten miles above Tintern Abbey."

© 1963 Max Schulman

Poets and peasants, students and teachers, ladies and gentlemen—all know you get a lot to like in a Marlboro—available wherever cigarettes are sold in all 50 States.

The Technicians Revue
The Sound Of
BIG BAND



Saturday April 6 8:30 pm
Kresge - Advanced Tickets Free
\$1 at door Lobby Bldg. 10

THE TECH WEDNESDAY, APRIL 3, 1963

Page 7

Boston College Chapter Young Americans For Freedom

Presents

Robert Welch

Founder of the John Birch Society

Topic: "In Just 10 Years"

Tonight 8 p.m.

At Roberts Center

Boston College

Tickets: \$1 Balcony; \$2 Orchestra

Question and answer period will follow.



Keepsake®

THE ENGAGEMENT RING WITH THE PERFECT CENTER DIAMOND

True artistry is expressed in the brilliant fashion styling of

every Keepsake diamond engagement ring. Each

setting is a masterpiece of design, reflecting the full brilliance

and beauty of the center diamond . . . a perfect

gem of flawless clarity, fine color and

meticulous modern cut.

Authorized Keepsake Jewelers may be listed in the Yellow Pages. Visit one in your area and choose from many beautiful styles, each with the name "Keepsake" in the ring and on the tag.



COOPER Ring \$500. Wedding Ring 50.00.—RIVIERA Ring \$300. Also to 975.—ROBBINS Ring \$150. Wedding Ring 50.00.

All rings available in yellow or white gold. Prices include Federal Tax. Rings enlarged to show beauty of details. ®Trade-Mark registered.



HOW TO PLAN YOUR ENGAGEMENT AND WEDDING

Please send two new booklets, "How to Plan Your Engagement and Wedding" and "Choosing Your Diamond Rings," both for only 10c. Also send special offer of beautiful 44 page Bride's Book.

Name _____
Address _____
City _____ Co. _____ State _____

KEEPSAKE DIAMOND RINGS, SYRACUSE 2, N. Y.

Making the Scene

THIS WEEK
MUSIC

S	M	T	W	T	F	S
			3	4	5	6
7	8	9	10	11	12	13
14	15	16				

Lionel Nowak—pianist, Apr. 3, 8:30, Kresge Little Theatre.
Mae Moran—baritone, Apr. 3, Boston University Concert Hall, 8:15.
Boston University Symphony Orchestra—University Concert Hall, Apr. 4, 8:30; Bloch's proclamation for Trumpet and Orchestra, Vivaldi's Concerto in E Minor, Weber's Concertino for Clarinet, Creston's Concertino for Marimba and Orchestra.
Julian Bream—guitarist and autanist, Apr. 4, Alumnae Hall, Wellesley College, 8:00.
BSO Open Rehearsal—Apr. 4, Symphony Hall, 7:30.
Folk Dance—International Student Association, Apr. 6, 9:00; members and women students, \$1.50, others \$2.00.
Berj Zankochian—organist, Apr. 8, Symphony Hall, 6:00; Vivaldi's Concerto in A Minor, Bach's 'prelude and Fugue in C minor, three Brahms Chorale preludes, Reubke's Sonata on the 94th psalm, Maleingreau's 'Le Tumulte au pretre', Litalze's 'Scherzo', Pelouquin's Toccata.
Concert Jazz Band—"Sounds of the Big Bands," Apr. 6, 8:30, Kresge Auditorium; tickets free in Bldg. 10, \$1.00 at door.
Victor Mattfeld—organist, Apr. 7, 4:00 MIT Chapel; free.
Robert Koff—violinist, Apr. 7, 3:00, Gardner Museum; sonatas by Beethoven, Bartok, Brahms.
Yale Russian Chorus—Jordan Hall, Apr. 7, 3:00; \$1.50, \$2.50, \$3.00.
Oberlin College Choir—Apr. 7, 7:00 Old South Church; works of Sweel-

inck, Bach, Brahms, Mozart, Debussy, Negro spirituals; free.
Woodwind Quintet—Apr. 9, 5:00, Hayden Music Library.

THEATRE
'Throne of Blood' (Macheta)—Apr. 3, 7:30, Jewett Auditorium, Wellesley College, Japanese movie.
'A Bird in the Bush'—musical comedy New England Life Hall, Apr. 3-4, 8:30, mat. Sat. 2:30; \$6.00-1.25.
'Ah, Wilderness'—O'Neill, Apr. 3-8, 8:30, Boston University Theatre, \$2.00, \$1.50, \$1.00.

LSC Classics Series—Ivan the Terrible part II, Apr. 5, Room 10-250, 6:00-9:00; Eisenstein's last completed film. This sequel to part I, continuing Ivan's struggle to unite the Russian people, contains some of Eisenstein's most inspired and striking imagery—and is the only sequence Eisenstein ever did in color, USSR 1946.
LSC Entertainment Series—'The Parent Trap,' Apr. 6, Room 10-250, 5:15, 7:30, 9:45; Hayley Mills, Marleen O'Hara, Brian Keith. Identical teenage twin girls meet for the first time at a camp and hatch a plot to bring their father and mother together again. Each has been brought up by one of the parents. They trade places and eventually bring about a permanent reunion.

MISCELLANEOUS
Slide Lecture on French Art—'Life and Arts in the XV and XVI Centuries,' Apr. 3, projection Room, Hayden Library, 7:00; free.
Herbert Butterfield—'The Rise of Historical Criticism,' Kresge Audit. Apr. 3, 8:15; free.
Swim Club Parade—'Sound and Silence' Recreation Building pool, Wellesley College, Apr. 5-6, 8:00; \$1.00.
Georgi Konenko—USSR Counselor of the Soviet Embassy, 'The Foreign Policy of the Soviet Union,' Apr. 7, Jordan Hall, Ford Hall Forum, 8:00.
Elizabeth Hardwicke—critic and writer, Apr. 9, Pendleton Hall, Wellesley College, 7:45.

Pianist Lionel Nowak to give recital tonight

Lionel Nowak, pianist and composer of the faculty of Bennington College in Vermont, will give a piano recital in Kresge Auditorium's Little Theatre tonight at 8:30 pm.

The program will include traditional and contemporary works as well as Nowak's own compositions.

Proceeds will benefit the Bennington College Alumnae Association's scholarship fund. Nowak has been a member of the music faculty there since 1948.

BSO Concert

Boston Symphony Orchestra
Thursday, April 4, 7:30, Symphony Hall; Oper Rehearsal.
Friday, Apr. 5, 2:15; Saturday, Apr. 6, 8:30; Symphony Hall; Erich Leinsdorf conducting:
Weber—Overture to "Der Freischutz"
Stravinsky—Concerto in D for Violin and Orchestra (Silverstein)
Tchaikovsky—Symphony No. 5, in E minor, Op. 64.

LECTURES
Herve Alphan—French Ambassador to the U.S. 'The French View of Europe and the Atlantic Alliance,' Burr B Lecture Hall, Harvard, Apr. 10, 8:00; \$5.00.
Dr. Markus Barth—'The Beatitudes in the Sermon on the Mount,' Apr. 10, Pendleton Hall, Wellesley College, 7:45.
Mark Van Duren—'A Reading from his poems, with Commentary,' Apr. 14, 8:00, Jordan Hall, Ford Hall Forum.

BOSTONIAN FLEX-O-MOCS FOR FOOT-HUGGING FIT



\$15.95

You'll enjoy the comfort of this classic authentic moccasin. It's lighter, softer, more flexible, has a genuine handsewn front seam, and specially moulded at the heel to give you foot-hugging fit. Crafted over the combination STAG Last, too! Here's a slip-on that stays on! You'll love 'em, for loafun!

THE TECH COOP

BUY and SAVE

on

GAS and OIL

for

YOUR CAR

AUTHORIZED COOP GAS STATION

NELSON'S MOBIL GAS STATION

218 Main Street

Near Kendall Square Rotary

Patronage Refund

also paid on greasing charges and on
purchase of tires and batteries

THE TECH COOP

MIT Jazz Band to offer 'Sounds of Big Bands'

'Sounds of the Big Bands' from 1920 to the present will be reviewed by the MIT Concert Jazz Band (Tectonians), Saturday at 8:30 pm in Kresge Auditorium.

The program will include music from the eras of Glenn Miller, Benny Goodman, and Stan Kenton, as well as the work of a student at the Berklee School of

Music, Bruce Thomas.

Free tickets will be available at a booth in the lobby of building 10; tickets at the door will be \$1.00.

movies ...

'Electra' at Coolidge Corner Theatre

By Gilberto Perez-Guillermo

Unfortunately, Michael Cacoyannis's version of Euripides's 'Electra' is not satisfactory. In 'Stella' and 'The Woman in Black,' Cacoyannis emerged as a particularly gifted director, and the present failure should come as a let-down to those, who, like myself, had high hopes concerning his work. An attenuating circumstance may be the inherent difficulty of the subject: To my knowledge, there has been no successful filmic rendering of Greek tragedy.

The difficulties do not appear

ELECTRA: written, produced and directed by Michael Cacoyannis; based on the play by Euripides; photography by Walter Lassally; music by Mikis Theodorakis; starring Irene Papas as Electra; at the Coolidge Corner theatre.

to be unsurmountable, though. I could imagine, for instance, a film in the tradition of Eisenstein's magnificent 'Ivan the Terrible' — to be shown by the Lecture Series Committee this week, incidentally — with its majestic artificiality and stylized settings. Or else a treatment similar to Orson Welles's rendering of 'Othello' or 'Macbeth,' in which the personality of the film-maker overwhelms the original work, and the result is more Welles than Shakespeare. In this way the result may not be comparable in quality to the classic work, but at least it is a creative treatment, a hundred times preferable to a bashful adaptation.

In 'Electra,' Cacoyannis has not given up his pretensions as a film-maker, but, on the other hand, has preserved a great deal of the basic theatrical qualities of the tragedy. Cinema and Euripides have not been successfully intermingled; indeed, both tenden-

cies clash unpleasantly sometimes. The austere artificiality of the basic work is lost to unorthodox cutting, natural settings and camera movements. The dialogue scenes, generally over-theatrical, fail for the most part to come alive on the screen. Cacoyannis's techniques, although often elegant, are not adequately intergrated with his basic material: theatrical and cinematic elements are often unrelated, at times in unpleasant contradiction.

Perhaps the most obvious mistake are the pastoral settings. They seem an extraneous element — much in the same way as the ocean in Oliver's 'Hamlet.' In 'Electra,' the mistake is far more important; the ever-present country settings, with their directness and naturalness, seem too close to real life to fit the basic artificiality of the tragedy. Are we expected to take the chorus of black-dressed, amphora-carrying, slow-moving Greek women as peasant women? The uneasy mixture of reality and artificiality is perhaps the basic failure of the film.

Flashes of Cacoyannis's talent save the film from a total failure, however. The final sequence, involving the murder of Clytemnestra by her two children, is outstanding. The dialogue scene between Electra and her mother is unusually effective. Irene Papas, whose ever-weeping Electra is of little help most of the time, delivers her best lines here. The character of Clytemnestra, although overly sinister to my taste, is used advantageously; her ignorance of what has been planned against her makes the treachery imminent. Cacoyannis' techniques convey the tragic effect of the murder very well; a cut to the chorus, when one of the women runs and cries "Her own children are murdering her" is an example. In this sequence Cacoyannis handles his material much more freely, dropping many of the theatrical elements; none of the women in the chorus had dared to move swiftly before.

Unfortunately, the crime sequence is only an exception; for the most part, 'Electra' is a failure.

'JOE McCARTHY' BOOK STORE

Books for
"Conservatives"

327 BROADWAY
Andrew 9-9493
South Boston 27, Mass.

Across from Blinstrub's

**ONE
QUIET
FACT**



Winston is America's
best-selling filter
cigarette because
Winston is America's
best-tasting filter
cigarette!

PURE WHITE,
MODERN FILTER



PLUS FILTER - BLEND UP FRONT

**Winston tastes good
like a cigarette should!**

©1962 R. J. Reynolds Tobacco Company, Winston-Salem, N. C.

**Cleaning - Pressing
Repairing - Laundry
Quick Service**

Charlie The Tech Tailor
71 Amherst St., Cambridge
EL 4-2088

**Contact Lenses — Prescriptions
Filled — Glasses Repaired**
UNITY OPTICAL CO.
Abe Wise, Licensed Optician
31 Mass. Ave. COpley 7-1571
Special prices to MIT community
Nearest Optical House to M.I.T.

**TENNIS
RACKETS**

Large variety all makes
Rackets restrung

Prompt Service

**TENNIS and
SQUASH SHOP**

67A Mt. Auburn St.
Cambridge
Tel. TR 6-5417



The world's most famous YMCA invites you to its special holiday programs.

Clean, comfortable and inexpensive accommodations for young men and groups of all sizes are available.

Rates: \$2.60-\$2.75 single; \$4.20-\$4.40 double.

Write Residence Director for Folder

WILLIAM SLOANE HOUSE Y.M.C.A.

356 West 34th St. (nr Ninth Ave.)
New York, N.Y. Phone: OXford 5-5133
(One Block From Penn Station)



College World

Midwestern universities open doors to intercollegiate graduate students

By Toby Zidle '63

The next few years may see the emergence of a new type of graduate student — one that knows no institutional boundaries. The Committee on Institutional Cooperation, composed of 11 midwestern universities, has announced an unprecedented plan to encourage grad students to take advantage of special opportunities by moving freely from one campus to another.

Chief goal of the program is to make it possible for a graduate student enrolled in one of the CIC universities to take advantage, on a short-term basis, of special facilities available at another CIC university. Among these facilities would be special laboratories, library collections, or faculty members highly qualified in particular areas.

The long range goal of the program is to encourage CIC universities to develop even greater special strengths of their own choosing by increasing the number of potential users. In addition, costly duplication of effort and expenditure would be avoided.

A grad student would be able to work at any of the 11 CIC universities, but would be registered at his home university and would pay his fees there. Approval of graduate deans at both schools involved would be necessary, and each would retain its full right to accept or reject any student.

The 11 schools which comprise the Committee on Institutional Cooperation are the University of Chicago, University of Illinois, Indiana University, State University of Iowa, University of Michigan, Michigan State University, University of Minnesota, Northwestern University, Ohio State University, Purdue University, and University of Wisconsin. The importance of the CIC universities' role in graduate education is indicated by their having granted approximately 30 per cent of the total of all doctoral degrees conferred in the United States in the past eleven years.

It Cost Only A Dime To Join SPIN

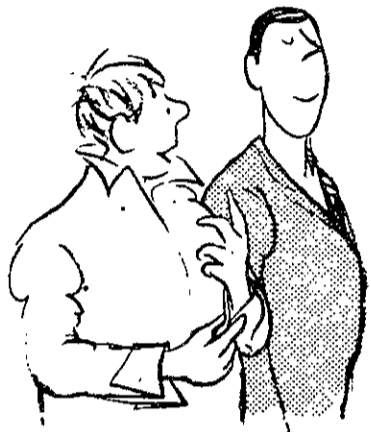
A second intercollegiate group recently formed is SPIN. Chapters are springing up all around the country. You don't have to be a grad student to join. All you need is a dime — and an urge to SPIN. A school chapter, in addition, needs an official lap counter.

JOBS IN EUROPE

Grand Duchy of Lux. Mar. 29, 1963
The American Student Information Service, celebrating its 6th Anniversary, will award TRAVEL GRANTS to first 1500 applicants. ASIS is the only authorized organization offering approved summer jobs in Europe on a large scale, to U. S. students.

3,000 paying summer jobs (some offering \$190 monthly) are available. Jobs include working in Swiss resorts on Norwegian farms, in German factories, at construction sites in Spain, and at summer camps in France.

Send \$1 for a 20-page Prospectus complete selection of European jobs. Job Application, handling and airfare reply. Write, naming your school to: Dept T., ASIS, 22 Ave. de la Liberté, Luxembourg City, C.D. of Luxembourg. The first 8000 inquiries receive a \$1 coupon towards the purchase of the new student travel book, Earn, Learn and Travel in Europe.



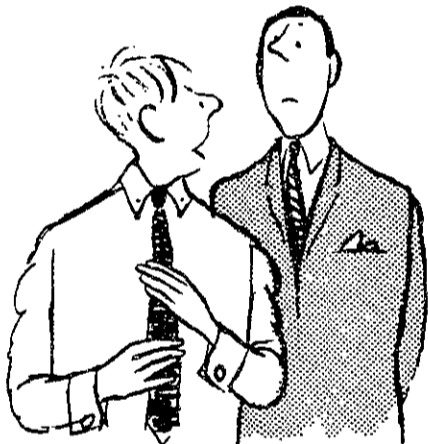
1. With graduation coming up, looks like we'll have to start thinking about the future.

My philosophy is to live from day to day.



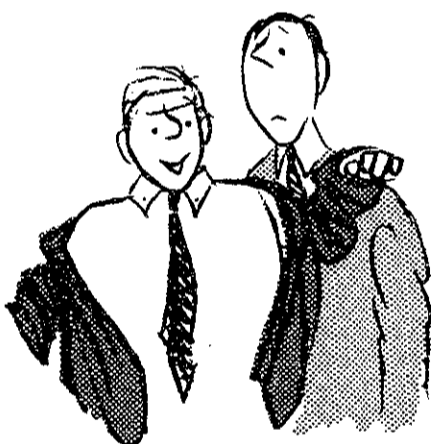
2. That's fine when you have no responsibilities. But chances are you'll have a wife to think about soon.

I may just decide to lead the bachelor life.



3. Hardly likely, since 93 per cent of all men and women get married.

Is that so?



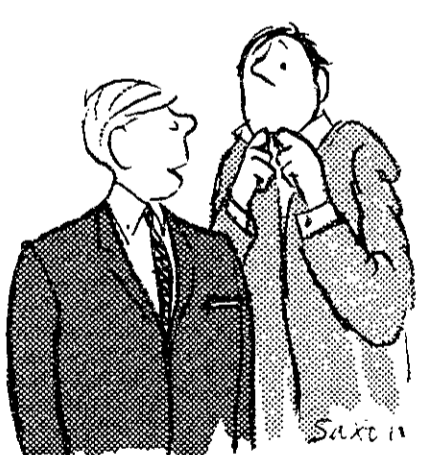
4. Yes, indeed. What's more, you'll have children to consider.

Maybe we won't have any.



5. I doubt that — after all, 90 per cent of the women who get married today have children. And, on the average, they have all their children before they're 27.

All my life I've shirked responsibility. Have a ball, enjoy yourself — that's my motto. Now, in two minutes, you've given me a wife and who knows how many children to take care of. What should I do? Where do I begin?



6. First relax. Then look into some good insurance... like Living Insurance from Equitable. It gives the kind of protection every family should have. Helps you save for the future, too. And don't worry — your chances for a happy family life are very good.

I should never have roomed with a statistics major.

An unwritten requirement for membership in the Society for the Preservation of Innocuous Nitwits is, of course, the ability to fit into a clothes dryer. According to *The University of Washington Daily*, clothes dryers in local laundromats throughout the country have become the refuge of "a new band of glory hunter."

The *Daily* contacted numerous laundromat operators in the Seattle area to ask for comments. Their general consensus of opinion "Good practice for idiots," or "I don't see how anyone could live through it." When asked whether they would permit such a thing in their establishments, the operators invariably replied with an emphatic "No."

The SPIN record is now held by Ed Lemp, a student at Montana State University, who went around 1214 times before calling it quits. His only complaint was a slight headache.

Field House Closed

Although there are no clothes dryers in Radcliffe's Field House, members of Radcliffe's SPIN chapter are no longer allowed in that building. The Field House is closed to all other 'Cliffies, too. The reason given is "parietal abuses."

Formerly any Radcliffe student could study in the Field House with a male companion until midnight. In fact, for the past three years a key had been available at the Holmes Hall bell desk, to be signed out when borrowed. Consequently, the Field House was the only building at Radcliffe legally available to 'Cliffies and their dates every night.

In the past, however, the key has been continually lost and unauthorized duplicates made. Furthermore, because students signed the key out under fictitious names, officials could not trace the individuals responsible for rule infractions.

Night watchmen have also reported that various students sometimes remained in the building after midnight. Some even climbed in through windows after hours. The situation prompted one Radcliffe official to term the Field House "a necking hangout."

During March, therefore, Radcliffe's Director of Residence, the Director of Buildings and Grounds and Optional Services, and the Co-ordinator of Recreational Activities jointly decided to close the building. The lock has been changed, and the key is no longer at the Holmes hall desk.

The Co-ordinator of Recreational Activities said that she hopes the building will eventually be opened to the girls as an art studio, but that no answer has been found yet to the problem of allowing access only to those girls who would use the building for constructive purposes.



Don't be a meat-head! Get Vitalis with V-7. It keeps your hair neat all day without grease. Naturally, V-7® is the greaseless grooming discovery. Vitalis® with V-7 fights embarrassing dandruff, prevents dryness, keeps your hair neat all day without grease. Try it!



BUY VITALIS AT THE COOP

CENTRAL WAR SURPLUS

433 MASS. AVE. TR 6-8512
CENTRAL SQ., CAMBRIDGE

- PARKAS and JACKETS
- BOOTS and SHOES
- SKI PARKAS and ACCESSORIES
- ARMY and NAVY GEAR
- HEADQUARTERS for LEVIS, LEES and WRANGLERS

Blue denim, whites, blacks, and greens

All at BIG SAVINGS

WELCOME!

Come In and Browse Around

The Equitable Life Assurance Society of the United States ©1963
Home Office: 1285 Avenue of the Americas, New York 19, New York
For information about Living Insurance, see The Man from Equitable in your community. For information about career opportunities at Equitable, see your Placement Officer, or write William E. Blevins, Employment Manager.

**NEW! PRO-ELECTRIC ROLL-ON
FIRST! BEFORE-SHAVE LOTION THAT ROLLS-ON**

No dripping, no spilling! Covers completely!
Old Spice Pro-Electric protects sensitive skin areas from razor pull, burn. Sets up your beard for the cleanest, closest, most comfortable shave ever! 1.00

SHULTON



Playoff waived

Badminton title deadlocked

Graduate House and the Chinese Students Club finished the Intramural Badminton tournament in a tie for first place. Graduate House, who lost to the Chinese Students in their second match, defeated all other teams in the loser's bracket. In the re-match between the two teams, Grad House won, creating the tie. The

tie-breaking playoff was played by mutual agreement of the two teams. Baker C, winning four out of six matches placed third. Chi Phi, Burton B, and Lambda Chi Alpha B finished in a tie for fourth place.

RESULTS

Grad House 2, Lambda Chi Alpha B 0
Chinese Students Club 2, Baker C 0
Grad House 2, Baker C 1
Grad House 2, Chinese Students Club 1

STANDINGS

- 1 Graduate House
- 1 Chinese Students Club
- 3 Baker C
- 4 Chi Phi
- 4 Burton B
- 4 Lambda Chi Alpha B
- 7 Baker B
- 7 Burton A
- 9 Sigma Alpha Epsilon B
- 9 Senior House
- 9 Phi Delta Theta
- 9 Phi Beta Epsilon
- 13 Lambda Chi Alpha A
- 13 Sigma Alpha Epsilon A
- 13 Alpha Tau Omega
- 13 Sigma Chi
- 13 Baker A
- 13 Phi Sigma Kappa
- 13 Theta Delta Chi
- 19 Sigma Phi Epsilon
- 19 Lambda Chi Alpha C
- 19 Phi Kappa Theta
- 19 Lambda Chi Alpha D

Mac Morgan to give concert tonight

Baritone Mac Morgan will appear in concert tonight presented by Boston University's School of Fine and Applied Arts, where he is visiting professor of music, at 8:15 pm in the University Concert Hall, 855 Commonwealth Avenue. The concert is open to the public without charge.

Professor Morgan is known by Boston audiences for his appearances with the Boston Symphony Orchestra, with the Boston Opera Group, and as the captain in the Boston Arts Festival production of 'HMS Pinafore.'

Williams selected captain of MIT wrestling team

Mike Williams '64 has been elected captain of the MIT wrestling squad for the 1963-64 season. Williams placed third in New England in the 167 lb. class this past year.

Ph.D. study grants in space technology available for '63-64

Training grants for doctoral study in space science and technology will be available for 1963-64 at MIT, as part of a nationwide program supported by the National Aeronautics and Space Administration.

A number of these grants will be designated for students in planetary and space science in the School of Science.

The training grants are for "graduate students of unusual promise with an interest in planetary and space science or in related areas."

Stipends are \$2100 for a nine-month academic year or \$2800 for a twelve-month period, plus full tuition. Applications are available in the Admissions Office. Further information may be obtained from the office of the Dean of the School of Science.

Each applicant will be judged on the scope and nature of his previous education, on his academic record, on a statement of his interest, and on the availability of MIT staff and facilities in his field of interest.

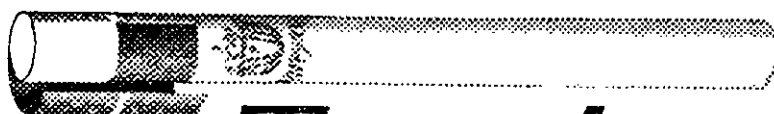
NIKON MICROSCOPES — SPECIAL OFFER FOR SENIOR PRE-MEDICAL STUDENTS. Superb quality by the makers of the world famous NIKON camera and accessories. Guaranteed acceptance at all medical schools. Call or write for special "NIKON MEDICAL STUDENT MICROSCOPE" brochure and special discount offer for students entering medical school. Exclusive in New England at **FERRANTI-DEGE, INC., 1252 Mass. Ave., Harvard Square, Cambridge, Mass. Phone KI 7-8600.**



"Tareyton's Dual Filter in duas partes divisa est!"

says Publius (Hot Rock) Cato of the MCLXXXVII Flame Throwing Legion. "What lux," exclaims Hot Rock, "to enjoy a Tareyton in medias res! Here's flavor maximus — de gustibus you never thought you'd get from any filter cigarette!"

Dual Filter makes the difference



DUAL FILTER Tareyton
Product of The American Tobacco Company — Tobacco is our middle name — CATCO

NEW LOWER Premiums

on all new **SAVINGS BANK LIFE INSURANCE** effective immediately

Get your new rate folder here

Cambridgeport Savings Bank

Right in Central Sq., Cambridge

UN 4-5271

