

LIKE CLOCKWORK

Friday morning the Chapel bell will ring and begin the end of MIT's academic year. At 10:30 a.m. the academic procession, headed by 1100-plus seniors and graduate students, will begin its march to Rockwell Cage for the 97th Commencement exercises.

Eugene R. Black, former president of the World Bank, and now special financial consultant to the secretary general of the United Nations, will deliver the Commencement address. President Julius A. Stratton will award approximately 1200 degrees.

Students from 41 countries will receive degrees. Eighty students will receive two degrees simultaneously. One student, Oscar Orringer of Chicago, Ill., will receive three degrees, the S.B. and S.M. and the degree of Engineer in Aeronautics and Astronautics.

"And all will go like clockwork, we hope," says Miles Cowen, superintendent of building services in Physical Plant. No one doubts it, for Miles has headed the Physical Plant graduation procedure at MIT for 12 years and his workers have reduced trimming Rockwell Cage and the campus grounds down to routine. They build a stage, a bandstand, check wiring for closed circuit TV, put up power lines and a public address system and hang some 47 drapes. They set up tables and chairs for the mid-day luncheon, see that rooms where graduation participants robe are prepared and, among other things, are ready for any sudden changes. And all this in five weeks time.

THROUGH TUITION ASSISTANCE

Nineteen MIT employes on the 15th of the month and weekly payrolls are completing degrees from Boston area schools this year, all with help from MIT's Tuition Assistance Plan. A total 347 employes at the Institute studied job-related courses under the plan, which pays the first \$20 and half of the remaining cost of job-related study up to a maximum \$200 per year, provided satisfactory work is done.

MIT contributed \$20,776 toward the cost of this year's study, in amounts ranging from \$5 to a maximum \$200 and averaging \$60 per person. A total of 130 employes studied at Northeastern University (including Lincoln College), 42 enrolled in University Extension courses, 29 were at Boston

--TT photo by Bob Lyon

Tony Gedraitis in crow's nest and James Young of the glass and shade shop, hanging the drapes (a three day job).

University, 20 at Lowell Technological Institute in Lowell. Other schools where ten or more MIT employees studied were Boston College, Wentworth Institute, Hickox Secretarial School and Capitol Radio Engineering Institute (correspondence). Over two-thirds of those studying under the Plan, which has been active at MIT since January, 1960, have indicated their desire to pursue degrees or certificates in a program approved under the Plan.

Those receiving an associate degree in electronic engineering from Northeastern University included: Francis X. Crist, an RLE technician; Eugene T. Leonard, technician in Physics; John Renner, technician, Nuclear Engineering; Richard W. Solomon, technician, Physics; Anthony P. Schepis, technician, Instrumentation Lab; and Ernest E. Gaiser, senior technician, Lincoln Lab.

Brothers Fee Q. Yee, an RLE technician, Quing Q. Yee, an IL technician, and Noel A. Doucett, technical assistant at Lincoln, all received associate degrees in electronic engineering from Lowell Technological Institute. Charles G. Cameron, a technical supervisor at IL's Bedford Flight Facility, and John D. Eisenhaure, foreman at the Flight Facility, received associate degrees in industrial technology from Boston University. Walter W. Hoeg, a layout draftsman at IL, Paul F. Jopling, an IL engineering assistant, and Thomas H. Carlson, design draftsman at Lincoln Lab, received NU's bachelor in business administration degree in engineering and management.

A. Linwood Seaver, technician, Nuclear Engineering, received the B.S. degree in chemistry from Suffolk University; David Chew, an IL photographer, received the Franklin Institute's certificate in photography; Paul L. Sullivan, an IL engineering assistant received a B.S. degree in business from Northeastern; LL's Paul R. Bouffard, technician, received his associate degree in electronic engineering from Worcester Jr. College; and Ernest E. Nolan, Jr., an engineering assistant at IL, received NU's associate degree in mechanical engineering.

GIVEAWAY PLAN

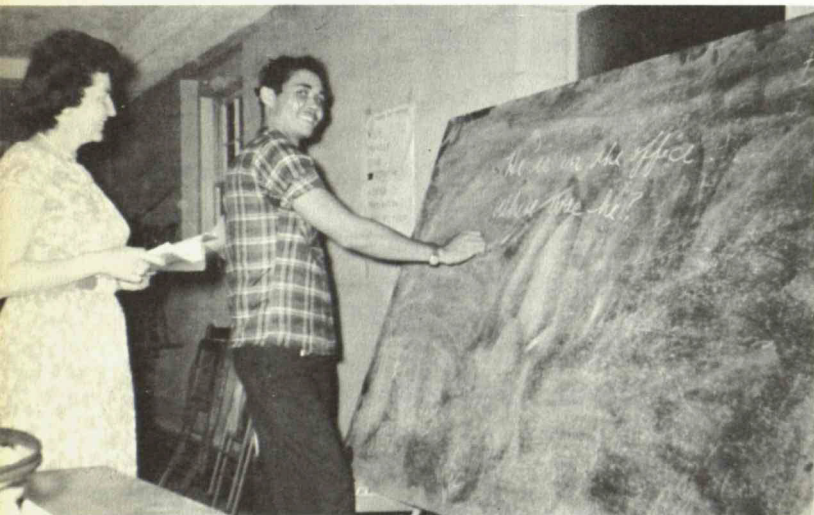
Are you driving to Miami soon? Do you have extra furniture? Or perhaps you have a blackboard stored away. If so, Georgia Nagle, secretary in charge of the Computation Center's Document Room, is interested.

Georgia is helping a group of Cuban refugees make their homes in the greater Boston area. These people can use anything and everything you have to give, such as rides to Miami to visit relatives and, above all, social invitations to make new friends.

Georgia is also helping the Cubans learn English at St. Stephen's Church in Boston's South End. Monday and Wednesday evenings, with an English book for Spanish speaking people, Georgia, et al, go to work for two hours. Already, there has been progress. Most of the Cubans have learned enough English to improve their job positions.

Georgia's Cuban friends arrived in this country under sponsorship of various Boston organizations. The Reverend Pastor Sotolongo of St. Stephen's Church, a Cuban himself, asked Georgia if she would be interested in teaching an evening English class. Having never taught before, she was hesitant at first, but now feels it has been one of the most rewarding experiences in her life. If you do have any miscellaneous items and would like to donate them to this Cuban group, Georgia may be reached at Ext. 4105. "And," says Georgia, "we will pick up and deliver."

Georgia has been at MIT for 12 years, working first in the Registrar's Office, and then at the old Digital Computer Lab in the Barta Bldg.



Georgia with English student, Rogelio Mirabal.

--TT photo by Rudolfo Bravo

HONORARY DEGREES

Several MIT people are the recipients of honorary degrees this year. Dr. James R. Killian will receive the honorary degree of Doctor of Science from the University of Maine, Saturday. Mrs. Karl T. Compton, widow of a former president of MIT, the late Karl T. Compton, received from Bates College last weekend the honorary degree of Doctor of Humane Letters.

MIT President Julius A. Stratton delivered the commencement address at Oklahoma City University and in turn was the recipient of the honorary degree of Doctor of Humane Letters. Provost Charles H. Townes received honorary degrees of Doctor of Science from Clemson College, Wesleyan University and Columbia University.

Professor of chemistry at MIT, Dr. John Sheehan, will receive the honorary degree of Doctor of Science from the University of Notre Dame, Saturday.



Pictured from l. to r. are MIT employes who graduated from the Lowell Institute School, Thursday (May 23). They are: Harry Sawizky, Instrumentation Lab; Eugene L. Buchman, IL; Marion A. Munroe, Chemistry; Oliver R. Brandt, IL; Matti Soikkeli, IL; William G. Orphanos, Cryogenics Lab; and Manuel L. Silva, Aerophysics Lab. Not pictured is LIS graduate Henry C. Baldassarri of IL.

OVER AT KRESGE

For a month now, Kresge Auditorium has been a site for promotions and surprises. Jim Murphy, Kresge's manager since Kresge opened in 1955, was made assistant superintendent of building services and was honored guest at a surprise party given by MIT musical clubs. Jim's new office will be on the second floor of the Armory, and from here he will oversee Kresge, the Chapel and the new Student Center, scheduled to be built later this year. Kresge's new manager is Fred Ennis, assistant manager since 1958, and before that a worker in Physical Plant's Paint Shop. To assist Fred is Ed Nixon, a former member of the Glass and Shade Shop crew for 12 years. "Ed knows Kresge inside and out," says Fred Fhanley, foreman of the Glass and Shade Shop. "Ed has worked on all Tech Shows in Kresge and made the stage curtains."



(L. to r.) Nixon and Ennis, Kresge's new management.



--TT photo by Bob Lyon

Jim Murphy, Mrs. Murphy (ctr) and their daughter, Linda at party.

Jim Murphy, Kresge's manager since 1955, was made assistant superintendent of building services and was honored guest at a surprise party given by MIT musical clubs. Jim's new office will be on the second floor of the Armory, and from here he will oversee Kresge, the Chapel and the new Student Center, scheduled to be built later this year. Kresge's new manager is Fred Ennis, assistant manager since 1958, and before that a worker in Physical Plant's Paint Shop. To assist Fred is Ed Nixon, a former member of the Glass and Shade Shop crew for 12 years. "Ed knows Kresge inside and out," says Fred Fhanley, foreman of the Glass and Shade Shop. "Ed has worked on all Tech Shows in Kresge and made the stage curtains."

Kresge's new and old management were on hand for the surprise party the musical groups at MIT gave Jim, last week. Inviting Mrs. Murphy and their daughter, Linda, Glenn Orenstein, '64, representing the students, surprised Jim with a Scott stereo set for all his efforts to music at MIT. Klaus Liepmann, director of music at MIT, presented Jim with one of his autographed books on music appreciation, and the students and the MIT Choral Society surprised Fred Ennis with a fishing rod and a desk set.

R-36 62% Reduction

25 1/2 DP.

51 DP.

FOR SALE ETC.

Mod walnut BR set, studio couch, Hollywood bed. WA4-5363 after 5-30 p.m.
Oil burner, 257 gal tank & 200 gal oil, free to someone who will remove them. Ext 3721, 491-1916.
Miniature female schnauzer, spayed, 22mo. Illness in family forces sale. L. Bishoff, ext 4861, BE2-2869.
'56 18' Old Town boat, '56 30hp elec start. Johnson motor, '58 Gator trailer. Ext 5583.
Jet 14 sailboat w/trailer; Olsen built, #345. VO2-1389.
Elec lawnmower, Art Rudolph, ext 2128. \$20.
DR table, 1 leaf, traditional, \$25; buffet, \$15; matching breakfast \$25; 3 for \$50. Prof Young, ext 5732, UN4-9572.
2 Wardrobe trunks, \$10 + \$8. IV4-6833.
Stamp collection, mod sz, no duplicates. Nick, 4-7 pm, Mons.-Thurs., ext 5695.
35mm Golde slide projector, 300 watt, w/Airequipt slide changer. \$15. Ext 2735.
Nutria coat, full length, lg sz, asking \$1200. Any res offer considered. H. Pradaude, ext 5527, 491-0839.
Paashe air brush, VL, never used, Jan Gerardi, Lincoln ext 7138, WO3-2250 evgs.
16' Century Palamino boat, comp w/75 hp Mercury & trailer, #1950, VO2-0995.
Stove, heating, gas, 35,000BTU, uses LP gas. Call 245-4362.
Reverse T-1100 tape recorder, good cond, \$75. Charles Ribak, ext 30-378.
Slide projector, Argus, 300w manual, new lamp, \$25. Jerry Welch, Lincoln ext 5882.
Hassock, leg cabinet, card table w/cover, leave message at ext 2871 before 6/6. H. Gertzman.
Used guitar, \$10. Beverly Gordon, ext 5766.
Martin guitar, exc cond, pick-up, \$100 or best offer. John Harrington, ext 4023.
Renault 6 volt R & ski rack. Brian, ext 4495.
Furn, furnishings, clothing, bric-a-brac, K-ware, many misc items, trading stamps exchanged. B14-6817.
TV console w/24" screen, built-in hi-fi, Bell & Howell movie proj, woman's fur, 484-8708.
Marble top table, \$110, 4 swivel chairs, \$130; Kenmore wash, \$85; chair, \$70; McCobb bureau, \$130 for 2; VO2-4511.
Coop boxes slightly used, half price, EL4-8133.
Eureka delux vacuum cleaner, upright model, good cond, \$10, please call 782-7413 evgs.
24" blue bicycle, boy-girl conv, \$4.95. L. Sutro, ext 3584.
14" Scott model 340 FM multiplex tuner & amp, \$225. John Dumanian, Lincoln ext 187.
Baby carriage-stroller combi, \$20; fireplace screen (38"x27"), \$10. Rod Mooney, Lincoln ext 7114.
Sofa-bed, opens to full size, \$35. Diane, ext 5281 or UN4-3865 after 6pm.
Pete Seeger Vega banjo, immaculate w/case. J. Kelley, HU2-8200.
Looking for fun? 17' travel trailer, sleeps 6, best offer. Call LO9-2497.
Norge Kelvinator stove, \$50; 4 red leather bar stools, \$25; power lawn mower, \$10; W. Carpenter, Lincoln ext 5525, WO9-8475.
Scuba wet suit, 1/4" Neoprene wet gloves, feet used 1 season, \$35. Paul Augart, ext 30-310.
5 cute kittens, free, N. Griffin, ext 717.
21" rotary power mower, 3 yrs old, new blade, exc cond, \$35. Tom Fitzgibbon, ext 5189, 244-8147.
Piano lessons & music theory for children and/or adults, reasonable, references. M. Easter, ext 3815.
Bulldog puppies, AKC regis, 2 females, 4 mos. Ext 5181 or JU3-2274.
Gray & white angora-type kitten, female, free. J. Freedman, Lincoln ext 401.
Trunk-type ski rack, will fit most American cars, \$12. D. Hansen, Lincoln, ext 7187.
Elec stove, 1950 40; Frigidaire, exc cond, 444-1448.
13 aluminum screens, used one summer, for details call Pat, ext 2297.
Puppies ready for new homes. Mother thorough Golden Retriever, ext 669.
3-piece walnut DR set, table, buffet, china cabinet, 6 chairs, \$50. TW3-5386.
Irish setter pups, AKC regis, \$75-\$100. Mrs. England, CL9-8197.
High school senior "mother's helper" w/experience & references. J.T. Huntington, Lincoln ext 355.
Baby carriage, 1 yr old, German made, exc cond, \$25. IV9-0716.
GE wash, DR table (6 chairs), cedar chest, coffee table, end tables, lamps, mirror. Ada, ext 3827, AL4-5477 evgs.
K sink w/metal cabinets, ideal for home or camp. Doug S., ext 4051.
How about weight losing contest? Call Peck, ext 30-384.
2 file drawer units, desk lamp, 12v auto spotlight & mirror, clock w/barometer, best offer. IV4-6532.
Hidabed sofa, 2 matching chairs, 2 end tables, \$55. Jenn, ext 3636.
Hotpoint dishwasher which can be built in, used 6 mos. \$140 or best offer. TW4-6799.
Pair of 7.50x14 Goodyear snow tires, good cond, \$25. Alice Williams, ext 30-357.
Elec lawn mower, asking \$20. Art Rudolph, ext 2128.
1 wheel all metal body trailer, 4 ft by 45 inches, tail lights, new tire brackets, \$35. Schreiber, ext 2579, VO2-8306 evgs.
'56 Owens hardtop, 22' x 8' beam, 60hp inboard Hercules, extras, asking \$1650 or best offer, GR9-4148 after 4pm.
'53 MGTD, red, belts, tonneau, will trade for VW. Lincoln ext 5834, VO2-1326 evgs.
'54 Chevy, 4 dr, 6 cyl, auto trans, exc mech cond, \$175. E. Korchak, ext 4978, rm 12-089.
'54 Cadillac, 4 dr, exc cond, best offer, TR6-4392.
'54 Chrysler New Yorker delux 4 dr, all extras, orig owner, best offer. Ext 30-317, VO2-8558.
'55 & '56 Jaguars, for details, call Lincoln ext 7620 mins, KEstone 7-0365 after 6pm.
'55 Ford sta wagon, 2 dr, 6 cyl, stand, R&H, good tires, asking \$125. Lincoln ext 5470.
'55 Olds, \$180 or best offer, power brakes & steering, R&H, 4 gd tires, owner leaving. Chemdin, Grad Hse.
'55 Plymouth, 6 cyl, everything wks perfectly, \$190 or best offer. BE2-5950.
'56 Chevy, guaranteed cond, accordian 120 bass. EL4-6122.
'56 Ford conv, best offer. Mrs. Bessie Kalamvokis, ext 5330.
'56 Porsche, 1600N, exc cond, new paint, Michelin x tires, \$950, Peter, ext 5181.
'56 Ford country squire, sta wagon, all power, \$195. George Adams, ext 2470.
'56 Buick, Super, 2 dr, R&H, power brakes & steering, good tires, sell before 6/7, \$400. Bronfin, VO2-8757.
'57 2 dr auto Buick Special, 8 cyl, R&H, 2 new tires, B. Nanni, Lincoln ext 7382, VO2-5668 evgs.
'58 Mercedes 220S sedan, 43,000 mi, exc cond, asking \$1580. Ext 4930.
'58 MGA hardtop, extras incl, wire wheels, best reasonable offer. WA4-4611.
'58 Chevy, 6 cyl, 2 dr, stand trans, exc mech cond, some bumps, \$500. Ext 2672.
'59 Simca Aronde, 4 dr, R&H, ww's, \$250. 254-3971.
'59 Lark, 4 dr, 8 cyl, auto trans, pwr steering, R&H, \$875. Dr. Clark, ext 4488.
'59 Mercedes Benz, SL-190, red, top cond, best offer. Lincoln ext 7615.
'60 Austin Healy 3000, 40,000 mi, R&H, overdrive, new paint, exc cond. Jane Hanabury, ext 5495.
'60 Austin Healy Sprite w/accessories, exc cond, Bob, ext 4495.
'60 Vespa GS, low mileage, exc cond, extras, CO7-8062 after 5pm.
'60 Austin Healy Sprite, 23,000 mi, exc cond, asking \$900. George, ext 3755, 354-1499 evgs.
'60 VW, gray, 20,000 mi, asking \$1200. AL4-6405 after 5pm.
'60 Fiat 1200, \$450. Ext 5329.
'61 White Flat 1200 roadster, exc cond, orig owner drafted. Ext 2235.
'61 Renault, orig a family car, 6,000 mi, \$825. RE4-4802, evgs.
'61 VW, blk, sunroof, R&H, ww's, \$1250. Bill, ext 30-425.
'61 VW, sunroof, R, snow tires, seat belts, blue, \$1300. W. Briggs, ext 30-302 or RI2-1741.

'61 Austin-850, red, R&H, \$495. John Weber, ext 30-433.
'61 Hillman Minx, 1 owner, extra set reg tires, snow tires, low mileage, \$900. R. Burnes, Lincoln ext 7169.
'62 Buick Special Dynaflo, 4 dr, V-6, ww's, R&H, exc cond, \$1850. Frank, ext 752.
'62 Saab, 18,000 mi, marvelous cond, H, \$1000. Dr. Bennis, ext 3610.
'62 Impala hdp, 2 dr, R, tinted glass, low mileage, garaged, asking \$2400. Call LI2-3240.
'63 VW (new guaranteed) avail at European price in Sept. WA4-7780 or ext 4984.
5rm furn apt, 3 BRs, \$185/mo., Washington St., Brookline. 734-2198.
Summer sublet, July-Aug., 3 mod furn rms, Mass. Ave., \$150/mo. 874-8287.
3rm unfurn apt, bath, hall, K, Shepard St. \$150/mo. TR6-9624 evgs.
4BR hse, Sudbury, finished playrm & Knette downstairs, EM9-3237.
Studio apt, lg furn K, Charles St., avail 6/15 w/lease renewable in Sept, \$90/mo, unfurn. KE6-4623.
Hse, Lexington, 5BRs, 2-car garage, asking \$25,900. VO2-6570.
Belmont, 9 rms for 5 1/2 mos. beginning Sept. I. Mrs. Haber-Schaim, IV9-0893.
Summer sublet, lg 1rm furn apt, K & bath, near MIT, \$80/mo. TW9-8675 evgs.
Lake Winnepesaukee, N.H. cottage, 4 BRs, semi-prv isle, boat, canoe. \$125/wk, July. EM9-4523.
Hse, lake Hood, Hudson, near MIT, comp renovated, suitable for adult couple, \$90/mo. JO2-6776, EL4-9027.
Summer sublet, 1BR, partly furn, near Newton, \$90/mo. B14-8684.
Camb 3 rm furn apt, incl util, no lease, avail 6/15. \$115/mo. UN4-8565.
Quiet well furn studio apt, 348 Beacon at Fairfield, \$150/mo. G.B. Henning, ext 5793.
Sublet furn 1BR apt, w/renewable lease, \$135/mo. 355 Marlboro. Fran, ext 5543, 266-6659 evgs.
Framingham 7rm ranch, 3BRs, 80 Davidson Rd. 877-0334.
North Reading, 3BR ranch, lg walnut playrm, garage, low 20's. NO4-2386 or ext 4220.
Attrac apt next to BU, BR, LR, Knette, bath w/pkng. Ext 30-421. Peter Zicko.
'61 Dodge conv, red upholstery, 3 sp push button dr, trans, R, Peter White, AL4-4434 after 6pm.
Cottage, Moultonboro, N.H., 130' shoreline, \$9900 or best offer. Mrs. Frostad, ext 3762, 245-5495 wkends.
2 mo. sublet, furn apt. \$90/mo. EL4-6441. Cambridge.
2 fam hse Brighton, 2BRs, 2 car garage, \$24,500. Rich, Lincoln ext 7794, 566-8394.
Salt water farm hse, Westport Island, Maine, 5 BRs, 35' mo, plus util. Nora Maling, CL9-9458.
3rm furn Cambridge apt, sublet about 8/1. Option to buy or rent furn. \$100/mo. Ext 4931.
Unfurn apt, sublet, Bay St. Rd, lease avail Sept. Avail 6/15. \$125/mo. 536-1805.
Summer sublet efficiency apt, near MIT, reasonable rent. Ext 2921, 491-0814 evgs.
Furn hse for rent, Weston. 8/15-9/1/64, 3 BRs, CE5-1295.
Apt, Brighton, 1 BR, LR, bath, K w/dining area. UN4-7910, ext 252 or 259-9345 evgs. \$90/mo.
Milton, English Tudor, \$23,500, 6 rms, den, finished basement, garage, OX8-7704.
Arlington, 7 1/2 rm Center entrance Colonial, 2-car garage, upper 20's. M13-5307, ext 4136.
Summer sublet, furn, 6/10-9/10, all util, barbecue equip, \$120/mo. Erika, ext 2411, UN4-5216 evgs.
Wayland 3BR Colonial, 1/2 acre, dead end street, \$27,500. Mr. Davies, ext 4971.
Framingham, handy to 128, walk to schools & shopping, 3 BRs, avail 7/1, \$200/mo. S. Miller, Lincoln ext 322.
Unfurn apt, 3rd fl, LR, BR, K-DR, bath, June-Mar, '64, Mt. Auburn St, \$115/mo. incl util. WA6-2245.
Lake Winnepesaukee, summer cottage, private isle w/boat & motor, \$85/wk. Bunny, ext 2698, BR2-2281 evgs.
Rockport, 99 Granite St, 2 BR oceanfront cottage, long season, \$1000. K17-1082.
Near Harvard Sq, 2 BRs, sublet, furn, \$125/mo. incl util. Option to renew lease, avail 6/15, UN4-6576, K17-1216.
2 yr sublet, comp furn, 6 rm apt, \$100/mo, plus heat, Cambridge, avail 7/1. EL4-6441.
1/2 Duplex, 7 rms, lg yd, near Medford Sq. & Rt 93, Bob Weldon, ext 3410, M13-2411.
Sublet mod efficiency apt, furn, near Harvard Sq, \$115/mo, can continue lease. 354-2594.
Contemporary ranch, near Lincoln Lab, 3 BRs, \$175/mo. Avail 8/1-2/5/64. VO2-6970.
Lg mod ranch hse, Newtonville to share rm for 2-3 men. George Gorfinkle, TA5-5200, B14-7905 evgs.
LR-BR combi, furn, apt Camb. Avail 6/1-9/1 \$95/mo. Ext 4996.
Summer rental, until Oct. 1, farmhse in Berkshires, 340 acres, \$800. Ext 3947.
2 1/2 rm apt, 1st fl, 2 private entrances, near trans, renovated. \$95/mo. TW3-8642.
7 rm hse for July/Aug., Pepperell, free in turn for care to dogs & cats. Bon, HEmlack 3-5325.
5 rm apt Belmont, 2 BRs, oil heat, avail immed, wking couple preferred, \$120/mo. IV4-8661.
3 dbl BR home, 6/15-Labor Day, West Roxbury, \$250/mo. furn & w/util except phone. FA5-9814.
Sublet furn apt, all util, pkng, \$90/mo, 38 Lee St., Camb. TR6-3044.
2 rm Beacon Hill apt, avail 6/1, furn or unfurn, suitable for 2. Ext 3230 or CO6-4942 after 6pm.
4BR Colonial, Newton Ctr, study, 2 car garage, low assessment, middle 20's. B14-7124.
10 rm hse, 6/1-9/1, near Camb. 10BRs, 2 1/2 baths, DA6-7456.
Summer sublet, 2 rm furn apt, \$87.50/mo. Dana St., Camb. Ext 712 or 547-8684, Humphreys.
Cottage for rent, Rexhame, sleeps 6 comfortably, \$90/wk. Call 484-9438.
3 1/2 rm unfurn apt, \$80/mo. 1625 Commonwealth Ave. Mrs. Wheeler, 926-1780, 782-8242 evgs.
2BR apt, unfurn, Brighton, \$115/mo. Avail June 18. Van Geet, ext 2384, 254-8343.
7rm ranch, equip K & laundry, garage, other extras, Framingham, \$18,200. Call 877-3542.
Wanted: Summer cottage on wky basis, N.E., to sleep 2 adults, 6 children. R. Battistelli, Lincoln ext 5793.
Serious minded mother's helper wanted starting 6/1 in Winchester. Mrs. Quinn, PA9-4994.
Wanted: Rmmate (female) to share apt w/2 girls, 460 Beacon St. \$50/mo. CO7-5490 evgs.
Wanted: Girl to share lg Camb apt w/2 others, \$45/mo. Summer or longer. M. Wilkes, ext 5843, 491-1012 evgs.
Wanted: Temp. home for 2 cats, end Aug. to middle Oct. For details, George Manner, ext 718, EX6-2976 evgs.
Wanted: Ride from So. Weymouth to MIT, 9-5, ext 795.
Wanted: Used copy of Oxford Eng. dictionary. Ext 2156 or EL4-0528.
Wanted: Baby's high chair & folding screen. Call 547-7551.
Wanted: Male rmmate to share hse in Camb, very very reasonable rent. Lincoln ext 5751 for details.
Wanted: Ride to and from Arlington Ctr. Al, ext 2440.
Male rmmate wanted to share apt w/2 grad students, Allston, \$58/mo. 782-7027.
Wanted: Dbl or king sz bed w/mattress & spring, George, K17-1874 after 6pm.
Wanted: 4 exp sailors, 25-35, (7/14-18) Marblehead-Halifax, return transp. provided by owner. Apply in writing stating exper & character, references. A. Latham, Jr., 66 Malcolm Rd., Jamaica Plain.
Wanted: Piano upright or baby grand. Call ext 5652, Mrs. Williamson, or OL3-8189 after 6pm.
Wanted: Competent driver to drive car to N. Y. city, 6/19, expenses paid. G. Corning, ext 5604, VO2-5950.
Wanted: Ride from Burlington to MIT, 8-5, Helen Martell, ext 5182.
Wanted: Stereo 4-track tape cdr, Wallensak or equiv, about \$150. Bill Park, E. Campus.
Female rmmate wanted to share 6 rm half-a-hse for summer. Avail 7/1, \$28.75/mo. Ext 4462, K17-1874 evgs.
Wanted: Lady's tennis racket, Bettye, ext 711, K17-0589 after 6pm.
Wanted: Chaperones (people flying to Paris, early June) to care for 2 children. Details, Vincent, 354-3488.
Female rmmate wanted to share apt w/2 others, furn, 15 Marlboro, \$150/mo. CO6-0348 after 5pm.
Wanted: Used piano, any style, in good cond, UN4-3164.
Wanted: Rmmate (male, 1 or 2) to share 4rm apt, 97 Mt. Vernon St., 523-5763.
Wanted: 2 rmmates (female) to share furn Harvard Sq. apt, June-Aug. \$51/mo. Julie, ext 2689.
Wanted: Male rmmate to share furn mod apt, 529 Beacon St. beginning 6/1. Henry Dwyer, ext 2245, CO2-0325 evgs.
FOUND: Set of 4 keys w/nameplate Susan. Ext 2816.

SAFE TALK

HANDLING NAK SAFELY

NAK, a eutectic alloy of sodium and potassium, is of increasing interest to researchers. It has violent reactions with many substances. The most common and well known is its violent reaction with water or moist air, and it may ignite spontaneously in air at temperatures above 115°C.

Sometimes used as a heat exchange medium, NAK will also react with carbon dioxide (solid), sodium bicarbonate, most halogenated hydrocarbons, ethers, oxidizers and acids to create fire or explosions. Most ordinary fire extinguisher materials are to be avoided and may be dangerous if used. Among the recommended extinguishing agents are graphite, dry soda ash, sodium chloride (dry) and nitrogen.

Laboratory equipment designed to utilize NAK should be of non-reactive materials and provide features to prevent accidental contact with water, external breakage, leaks, spills and pressure build-ups. Large amounts of glass should be avoided. Provision should be made for safe storage and disposal. Small residual amounts may be disposed of by burning or reacting them with high boiling point alcohol in a fume hood. Larger amounts may be disposed of by utilizing the MIT disposal service, or by proper repackaging in the original container to be returned to the supplier.

Particular attention should be paid to the use of personal protective equipment and ventilation. Safety goggles, face shields, rubber or neoprene gloves, apron and respirators should be used to minimize skin contact with the chemical or its oxides and inhalation of its caustic fumes.

The Institute Safety Committee is particularly interested in reviewing plans for the storage and use of NAK in quantities greater than the usual laboratory amounts.

More information on safe handling of this material, which is more reactive than either sodium or potassium by themselves, may be readily found in the following references: "A Comprehensive Treatment on Inorganic and Theoretical Chemistry" by J.W. Mellor; "Liquid Metals Handbook" by Atomic Energy Commission; "Some Unique Properties of Sodium and Potassium" by H.N. Gilbert, Chemical & Engineering News, September 6, 1948; and "NAK-How to Handle Safely," Safety Engineering Magazine, March, 1963.

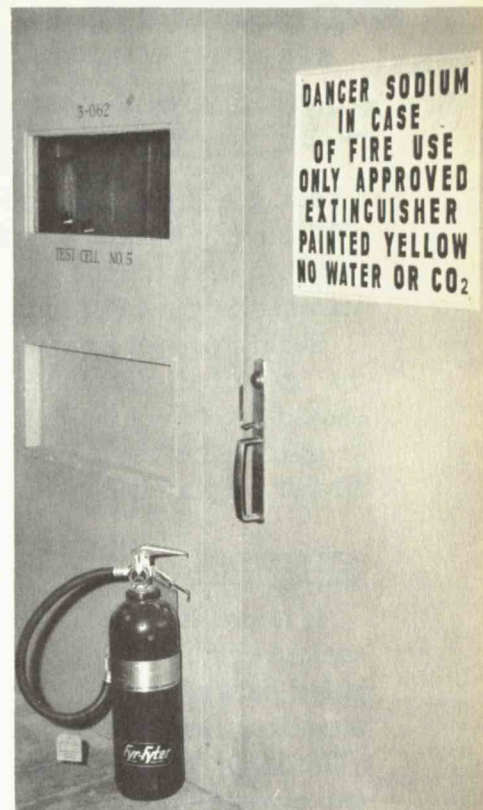
PHYSICAL FITNESS

Ross H. Smith, Director of Athletics, has a few tips for the part-time and vacation athlete.

Don't plunge into a sudden campaign for "fitness." Plan a gradual build up in degree of exercise and secure essential instruction, particularly if exploring new areas of interest. A periodic examination by your family physician is essential to maintaining good health and establishing your physical capabilities. Establish a regular program of exercise geared to your needs and physical capacities.

Interest in physical activity can be a source of recreation and better health, and the Athletic Dept. is most anxious to make its facilities available to all members of the MIT community.

--ST photo by Bob Lyon



This type of sign should be used at NAK areas.



CAN YOU BUY A SAFE POWER MOWER?

When purchasing a power mower there are safety features you can look for. They include: built-in guards that cover revolving parts; a mower handle long enough so the operator cannot pull the mower back onto his feet; large wheels for easy operation over rough and uneven ground;

a rear guard that extends 4 to 6 inches beyond the blades; and a switch for shutting the power off instantly in case of emergency. A new mower should carry the Outdoor Power Equipment Institute seal. (Some safe models may not carry this seal and you should check for safety features in the OPEI manual.)

Such approved equipment should still be handled very carefully. The operator should clear the lawn of all debris before mowing, start the machine on level ground, and wear shoes. He should not refuel while the machine is running or he is smoking, and the machine should not be operated without safety shields in place. Children should not be allowed to operate a power mower or play in the vicinity of one that is running.

PESTICIDES

It is not the intention of Safe Talk to get involved in the Rachel Carson pesticide industry controversy. However, most of us have the human tendency to think of pesticides and weed killer hazards in terms of their affecting someone else, probably those persons, such as farmers, involved in large scale application.

We may, however, be surprised to find that the small amounts of chemicals we use around our favorite shrubs, lawns or gardens contain some of the various pesticides or insecticides in question. Why not read the labels on these sprays or powders and then exercise care in application to minimize hazards to people and animals? One easy precaution that can pay off is to keep all containers labeled and well out of reach of children.

--ST photo by Ben Alexander

IT'S SHOCKING

Al Dowden, MIT '31, a Liberty Mutual Insurance Co. expert on electrical safety, recently presented a series of lectures at MIT's Lincoln Laboratory on electrical equipment hazards and how to avoid them. All told, he appeared before some 850 lab workers.

Some of the worthwhile suggestions made by Mr. Dowden included: never work alone on electrical equipment; never operate switches on equipment which is not your responsibility; and when working on a circuit, think to see if the work can be done while the equipment is de-energized.

Mr. Dowden also suggested that after you've de-energized the equipment, lock the switches, tag them, or remove the fuses, so someone else can't energize it while you're working on it, and make sure for yourself that equipment is "dead."

All electricians and fellow-workers should know how to apply artificial resuscitation, know where the main power switches are in the work area, and know how to remove someone from an electrical circuit in case of an accident. You should connect from the power load toward the source, and disconnect from the source toward the load and after an experiment has been found to work, there is a point at which safety devices and enclosures should be made an integral part of the equipment, Mr. Dowden said. Current values of 100 to 200 milliamperes are usually fatal, and low voltage may be as dangerous as high.



Mr. Dowden (left) at Lincoln