

CREDITABLE

MIT's Credit Union has, since its beginning, totaled the staggering figure of \$12,000,000 worth of loans to MIT people. If the money had been spent for cars, it would have bought some 4000 -- enough to fill to overflowing all the Institute parking spaces twice.

CU was established to give loans for any "provident and productive reason." So far these have included everything from babies, vacations, cars and teeth, to Christmas presents.

During 1960, \$2,000,000 has been given in ten months for 3000 loans. Assets to date: \$1,825,556; shares in circulation: \$1,682,630.

It has long been recognized as a million dollar business. Like other members of this fastest growing cooperative movement in the U.S., MIT's CU can operate at a minimum expense because of its volunteer management, and offers excellent terms, attractive to savers and borrowers alike. In January, CU officers anticipate they will announce a dividend of 4 per cent on 1960 savings.

Perhaps you didn't know that:

CU has one of the lowest interest rates for lending in this country -- 6/10 of one per cent per month on the unpaid balance.

The credit committee and loan officer are the only ones who review loan applications. The committee alone can refuse them, and loan applications are never seen by the board of directors.

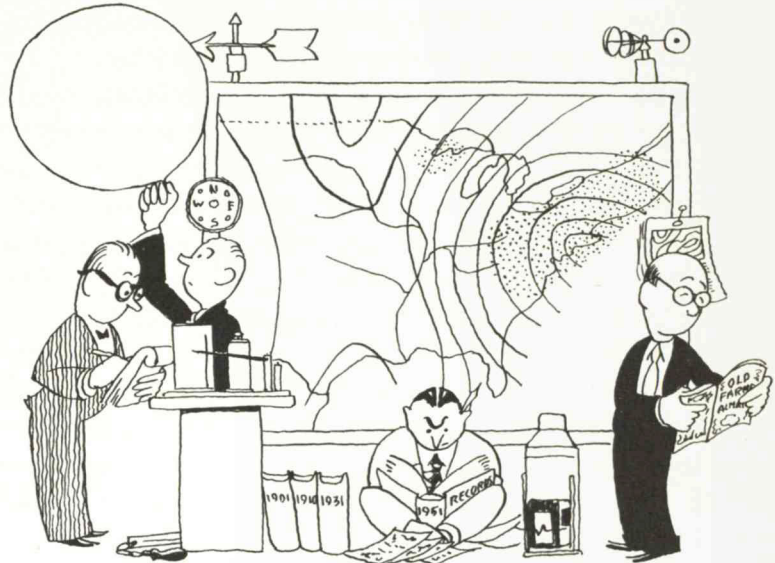
Just completing a payroll deduction card at the CU Office (Bldg. 14) insures automatic deduction of a fixed amount every pay period.

Interest rate charged is the same for all loans. Just the time involved for repayment differs. Loans on current year cars, for example, are payable in 36 months; on older models in 24.

Acceptable collateral for loans includes cars (not over 3 years old), cash value of life insurance policies, and transferable securities. Loans are also given on signature for \$100 after 3 months employment, and \$400 after one year, \$750 after three years. Above these limits the collateral offered must be approved by the credit committee.

NYETWORK

A group of Russian participants in an international living experiment visited Greater Boston



The Department of Meteorology each year sponsors a thriving snow pool. Everyone throws in a quarter, and he (or she) who guesses the date and time of the very first snowfall in Boston shovels in the entire fund. As depicted by Chick Kane, their sources of information are ingenious.

several weeks ago. When asked at a press conference what they liked most, one replied, "The Russian dormitory at MIT."

We don't exactly have a Russian dormitory. But in the Atkinson section of Senior House, there is most definitely a Russian floor.

Since September, ten students -- freshmen, sophomores and juniors -- have been carrying on a modern language project in which they speak only Russian. They are guided by their tutor, David Pearlmutter, an instructor in the Department of Modern Languages.

Last year the boys took Prof. Lipson's course in Russian, and after one year of superlative teaching methods, had no trouble conversing. Even at meals they sit in small groups, enthusiastically talking among themselves. One quips, "At first, the others thought we were a bunch of foreigners."

Atkinson third floor doors are adorned with Russian signs and a large poster in four languages announces, "You are leaving the American zone." Russian newspapers and magazines are available. Even TT's reporter communicated through the services of a student translator.

But aside from amusement, these volunteers are participating in what may be the first such language project in any college in the country. And for future physicists, mathematicians and engineers who must know international scientific contributions, the experience is priceless.



Linguists Pearlmutter, Schmelling, Andrews, Goldstein, Bell and Eagle (front row); (back) Ducharme, Wells

TOOTH SOME

The Dental Service of the MIT Infirmary runs a thriving operation, open to faculty, students and employees each day from 9 to 5. Myriad complaints reach from aching molars to broken inlays.

One of the Service's two dental hygienists is Miss Edna Bradbury who has been improving MIT smiles since 1941, when she resigned as Supervisor of Dental Health Education in the Melrose Public School System. Instructor at Forsyth Dental School and former lecturer for University Extension, Massachusetts Department of Education, Miss Bradbury is still effecting a whirlwind schedule. She has appointments every hour on the hour and is always available for

consultation on dental problems and emergencies. Not the least of the activity: dental surveys of all new students.

This fall Miss Bradbury was honored with another job -- the presidency of the American Dental Hygienists' Association -- to which she was elected at the annual meeting in Los Angeles. So far, however, she's more impressed with a gigantic new fixture in her office. It's the Panorex X-ray machine which performs the latest in oral X-rays. "It's just like



Miss Bradbury (left), Panorex (center), patient (right)

Panorama," she laughs, " and there are only 25 in the country."

NEW TOUCH

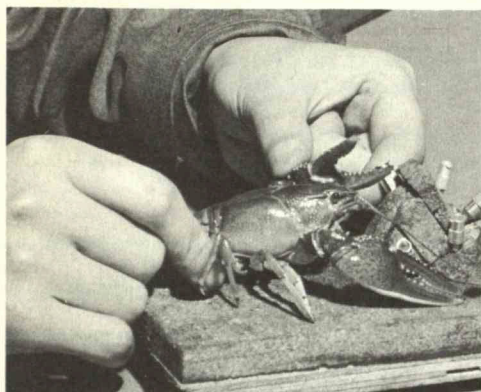
United Fund's campaign is going on apace into its last stages. And some new tactics have been tried to facilitate this effort in which all 7,300 of us are involved every year.

In the Electrical Engineering Department, chief solicitor John Tucker sent out pledge cards through the Institute mail, asking for their return to him or to one of five collection points in the department. This eliminated the appointment of one solicitor for every 10 people, and gave EE's big family of 315 much more freedom to pledge privately.

Other departments may want to try this system next year -- or perhaps the whole Institute will prefer it. Drawback: a tremendous clerical job in identifying and locating every member of the Lincoln and Cambridge-based working community.

MIT's United Fund Committee is watching the experiment with interest, wondering if the person-to-person approach is better. They'd like to know what you think. Tech Talk invites you to write your ideas on this and on other ways in which our UF campaigns can be improved. All will be passed along to the committee; some may be published with the writer's permission.

Note for right now: Your pledge is needed and welcome any time in the year. But the 100-odd solicitors throughout MIT will be especially happy to receive it before November 25, so that they can get back to their regular work.



Crayfish, crawfish or crawdad

THE LIGHT IS BRIGHT ENOUGH

Every Institute fisherman remembers grabbing for crayfish. Said crustacean usually beats an honorable retreat into his dugout before being snared.

Over in Bldg. 32 there's a project underway which involves several dozen of these lobster-like animals. The Neurological Group of Electronic Systems Lab (formerly Servomechanisms) is doing a communications science study on the crayfish's simple nervous system which may help explain -- among other things -- the messages which are sent from the human eye to the brain.

Crayfish come from the Midwest in boxes and cost \$2 a dozen. They are kept in two aquariums, fished out and positioned for experiments. These involve a peculiar feature of the crayfish whose nervous system includes a primitive "eye" at the base of his spinal cord. Sensitive to light, it tells him to move away quickly. Scientists flash light at the eye, record the nerve impulses, and then assimilate data on the RW 300 computer.

Under the leadership of Dr. Lawrence Stark, this group -- originally from Yale -- is also testing the reaction of the human eye to light, and studying the nervous complex involved in arm movement. Result: equations which will help them understand the natural laws of man's nervous system.

HERE AND THERE

Preceding Thanksgiving holiday, a special movie will be sponsored tonight by the MIT Lecture Series Committee in cooperation with Audio-Visual Service. It's "Journey to the Center of the Earth" at 6 and 9 p.m. in Room 10-250. Admission is free and everyone is invited.

The Student Furniture Exchange in its new location at 224 Albany Street is ready for a booming business. With new lots of desks, tables and other furniture, it is open on Thursdays from 10 to 4 and Saturdays from 11 to 3. Entrance is off the ramp on Pacific St. Extension. Time to buy, says Exchange chairman, is now -- because the shop will be closed for a month after Dec. 3.

FOR SALE ETC.

Blue 9 x 12 LR rug and pad, yr old, \$50. Also comb TV, radio and phono, 21" screen, mahog flr model, \$150. Ext. 3727

Aluminum 4 x 8 camping trailer, new 1959, reasonable. Ext. 349 (Lincoln) or WE3-4011.

Will trade Star Market gold stamp book and S&H green stamp book for S&S stamp books. MI3-7081.

Student Moving Service will arrange to move household articles, furn, etc. locally or across country, prices below average. UN4-8656.

Exc opportunity to own hunting lodge or summer camp. Aerobus, 30' long, 6' wide. Ford V-8 engine, interior partitioned, 2 rms, tiled flrs, screened windows, wired for 110 volts, bottled gas, etc. May be seen in Camb. Asking \$500. William Sherman, TR6-8808 (evgs).

Kodak color densitometer, model 1, almost new, \$60. Al Stone, Ext. 2428.

Blk miniature poodles, irresistible, 2 mos old, champ blood lines, AKC reg, sturdy and friendly, alert, exc disposition. George Rubisow, Ext. 2471 or CL9-8253 (Lincoln).

Electrolux vacuum clnr. Gundela Mevert, Ext. 2692 or CO7-9230 (after 6 p.m.)

Garrard record chgr, 3 speed; Heathkit preamp; Scott 20 w amp; 12" coaxial spkr with cab. \$65 or best offer. Fred Kearns, Ext. 3997.

Torque and power for your VW. Complete dual carburetor kit, \$30. D. Haven, Ext. 3832.

Northland skis with safety bindings, Permacite bottoms, steel edges, 6' 6", steel poles, \$40. John Peak, Ext. 4225.

Emerson port record player, auto changer, 3-spd, new diamond needle, \$30. Mrs. Bryan, Ext. 2191.

GE Mobile Maid dishwasher, 25" x 21", \$50. Nichols, Ext. 2851.

Northland skis, 6'9", multiple hickory laminated. Permacite bottoms, used 1 season, comp refinished, \$25. Also Karry-All ski rack, roof model, brand new, never used. Would fit VW, compacts, etc. \$15. Virginia Taft, Ext. 2702.

Will do typing. Mrs. Kirkman, 173 Bay State Rd or Mrs. Allen, Ext. 101.

Two Suburbanite snow tires and tubes, 7.60/15, new last winter, \$40. Alice Williams, Ext. 3584.

Beethoven, Bach, Brahms and Bernstein, 4 attrac kittens from long line of mousers, looking for loving homes. CE5-1350.

Retina IA f 3.5 made by Kodak's German factory with Everready case and straps. \$25, will haggle. Hank Brainerd, Ext. 2467 or CE5-1350.

Easy comb washer, drier, exc cond, used little, \$150. MI8-6238 (after 4 p.m.)

Sit-and-rest golf cart, only type bag allowed on airplanes, used once, \$30. Also 7 irons and 2 woods, used one mo, \$30. MI8-6238 (after 4 p.m.)

Fairchild SM-1 stereo cartridge, used approx 200 hrs, but in exc cond. \$17.50. John Laynor, Ext. 7202 (Lincoln) or UN4-1665 (evgs).

Several evening gowns, sizes 10-12. JA2-0036.

Practically new 9 x 12 rug. \$60. KI7-5366 (evgs).

Found: Nov. 2, rear of Walker. Dirty, unscrubbed, injured tomcat, 2 or 3 yrs old. Closer inspection & bath proved him yellow & white, loving, friendly. "Willoughby" presently recuperating, would like good home. Faith Richards, Ext. 2654.

Twin bed frames and head board, ivory tufted like leather, \$15 each. LO6-0546.

Part ownerships in fully instrumented Cessnas 150 and 172. Most advantages of owning your own plane without the problems. Cost \$500, \$400 refundable. Doug Sullivan, Ext. 2371 or Dean Eshleman, Ext. 7377 (Lincoln).

'39 BMW Cabriolet, 327/28 four seater, Bristol type 2 litre engine, exc unrestored cond. Also 2 damaged Porsches. '55 Coupe and '57 Speedster, both driveable, parts or whole, best reas offers. HI4-6547 in Needham (1-3 p.m.)

'47 Chrysler, good running cond, best offer. IV4-1957.

'51 Chevrolet, good operating cond, \$120. Ext. 2846 or CA7-3841.

'51 Desoto sedan, 4-dr, auto trans, R&H, \$100 or best offer. MI8-3292.

'51 Nash, overdrive, R&H, reclining seats, needs new battery, otherwise good cond, \$50. Dabovich, Ext. 3681.

'52 Pontiac, exc running cond, new tires, new battery. Mr. Giessen, Ext. 3314.

'54 Pontiac 2-dr. Hydromatic, R&H, 2-wk-old valve and brake overhaul, new sparks and tune-up, winterized. \$475. Mitch Klozner, Ext. 655 (Lincoln) or GL 4-1942, Lowell.

'54 Ford 4-dr, 6 cyl, R&H, 4 new tires, good cond, asking \$325. MI8-5984.

'54 Chevrolet with new tires, clean, green. Ext. 3558, Pat.

'55 Chevrolet, good cond, low mileage, \$500. WA4-8290.

'56 TR Tiger Cub motorcycle, 200 cc, needs new seat, exc cond, \$150. Bob Brayton, Ext. 4983, 4106 or ELA-4318.

'56 Chevy 2-dr, Bel Air, good cond, \$600. L. Mattheiss, Ext. 4805 or LO6-1571.

'56 Eng. Ford Consul 4-dr sedan, eng exc cond, R&H, good tires, \$675 incl ski rack. Ext. 335 or KI7-0961 (evgs).

'57 Dauphine, \$500. May be seen at Taber Hill Rd. EL9-8440 (evgs and wkends).

'57 Renault Dauphine, sun roof, R&H, top cond. Box 32, East Campus or UN4-4239.

Exchange '57 Rambler station wagon, exc cond for smaller model, any make or year. Term payment for difference in value. Ext. 3807 or EX5-8088.

Denzel-Porsche, fast & maneuverable, only a few made, std components, \$2,300. Also '57 black VW, mech new, many special parts and spares, body dented but good. \$1000. Must sell one to pay tuition. S. Lichtman, Ext. 2225 or LO6-5674.

'57 VW sedan. \$900. Mary Ketchum, Ext. 3465 or TR6-9624 (evgs).

'57 Hillman convert, all accessories, new top '59. Best offer, C. F. Taylor, Ext. 3550.

'58 Silver Blue Corvette, 230 hp, 4-spd trans, 2 tops (hard, soft), power soft, seat belts, interior light and brake alarm, 27,000 mi, asking \$2,695 or best offer. VO2-8976 (after 5 pm.)

'58 VW convert, good cond, grey with red upholstery, 20,000 mi, R&H, \$1,500. HI3-6073 (Sudbury).

'58 Renault Dauphine, ww's, sunroof. UN8-6836.

'59 Studebaker Lark, R&H, winterized, 24 mpg (city driving), 14,000 mi. \$1,395. IV4-8227 (5:30-6:30).

'59 Renault Duphine, coral red, fine cond, 40mpg, WA4-8457 (evgs).

'59 NSV Prinz, exc cond, 55 mpg, \$850 or best offer. Al Zachor, Ext. 2614.

'59 VW, blue, R, 19,000 mi, exc cond, \$1,300. Gallagher, Ext. 4136.

'60 VW, R&H, \$1,550. IV4-3895.

'59 Vespa 400 lt blue convert, htrd, dfr, ww's, 11,500 mi, winterized, perf cond, best offer over \$800, 60 mpg, 60 mph, compact, durable. Paul, Ext. 2575.

Unfurn apt to sublet, 1 rm, small K, B, near Symphony. Furn for sale. Gundela Mevert, Ext. 2692 or CO7-9230 (after 6 p.m.)

Bedford mod 2 BR apt, gas ht, cont hw, refrig, pking facils, good location, avail Dec. 1. \$100/mo. Louis Mahar, CR4-8984.

Unfurn 3-rm apt with porch, 3rd flr, 5 min to Hvd Sq on MIT side. Mr. Sullivan, KI7-1587 (noon).

New mod apt unfurn, Camb, conv loc, LR, BR, K'ette, tiled B, balcony, second flr, sub until September. \$135. UN4-7033 (after 6:30 p.m.)

Near Central Sq, Camb, 7-rm htrd apt. UN4-3929 (after 3 p.m.)

Furn apt within walking dist of MIT, mod priced. KI7-7527 (evgs).

Beautifully furn 5-rm apt, lovely view, garden, mod, TV, washer, dryer, Watertown, Jan. 26-Aug. 26. \$160/mo. WA4-8290.

Furn apt to sublet immediately. Lg LR with fp, BR, K, tile B, near Hvd Sq. UN4-2926 (after 5).

Camb 5-rm mod apt, avail Dec 1. steam ht by gas, fenced-in yd, no pking problem. \$80/mo. Mrs. Gorman, EL4-2789.

Apt in priv house for single man, LR, BR, B, breakfast, garage. LA7-5105.

Comfortable, well-kept 9-rm house, 4 BRs, 1 1/2 Bs, elec stove, refrig, 2-car G, lg fenced area in rear, trees, shrubbery, low 20's. Owner moving. W. Concord, EM9-3709 (5-8 p.m.)

Beacon Hill, Pinckney St, 1st flr apt, 2 lg rms with fp's, K'ette, B, \$110/mo. Evan Williams, Ext. 528 or LA3-7122 (evgs, afts).

Adults only, Colonial unfurn house, running wtr, ctral ht, G, garden. Mrs. Johnson, Cochrane Hill, New Bostop, N.H.

Newton Lower Falls at Weston line: Attract 7-rm '50 Colonial near woods, river. One lg, 2 master BR's, 1 1/2 B's, den, basement playrm, cab K, dishwasher, unusually generous closet, storage space. Lg fenced yd, G, walking dist to school, Riverside MTA station. Asking upper 20's, Prof. Hume, Ext. 507 or DE2-3366.

Wanted: 4th rmmate for 3 others, 353 Commonwealth, 5 1/2 rms, \$41. Kennedy, CO6-0923 (evgs).

Wanted: Garage for dead storage of auto, Jan-March, Boston Area. Len Vivolo, Ext. 3577.

Rmmate wanted to share 4-rm apt between Hvd and Porter Sqs with 1 other fellow. \$55/mo and utils. Jack Fugh, Ext. 4426 or KI7-2125 (evgs).

Wanted: '52, '53 or '54 Ford, Chevy or Plymouth 4-dr sedan, stand shift in better than average cond, CY8-6508.

Wanted: to contact aspiring ski racers planning to compete in unclassified or Class C events this winter. Stu Clark, Ext. 3992.

Wanted: girl to share furn apt near Hvd Sq, will have own BR. Deena Koniver, Ext. 5426 (Lincoln) or EL4-0161.

Girl in twenties would like to share apt with 1 or 2 girls, sep BR, Back Bay area. RE4-0351.

Lost: gold charm, replica of Boston skyline and solid gold pin - shilale. Eileen Connolly, Ext. 631.