

# TECH TALK

MASSACHUSETTS INSTITUTE OF TECHNOLOGY March 23, 1967

## CORPUSCLE CAMPAIGN

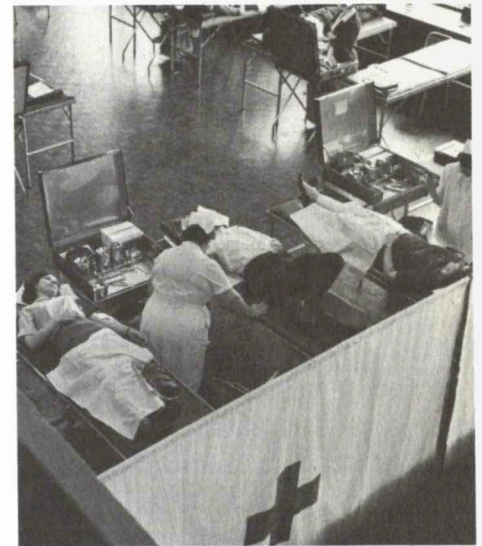
When the blood drive came to the Student Center last week, it was followed closely by still another big snowstorm. The Cambridge Red Cross has come to expect this of MIT; it's unusual for there not to be a good storm when the Bloodmobile is here. There was a good turnout of MIT donors to open the campaign, and Wednesday's total of 237 pints was a hopeful showing in spite of the driving snow.

The cheerful bustle the Bloodmobile brings to the Sala de Puerto Rico is evidence of the fine cooperation that goes into it. Professor Robert V. Whitman (Civil Engineering), this year's chairman, enthusiastically coordinated efforts of nine groups of people into the smooth operation of the drive. Students from TCA, APO and its sister organization, Alpha Chi Delta, efficiently organized their part of the drive and programmed appointments through a computer. The MIT Matrons, under the direction of Mrs. Morton Finston, once again did yeoman service escorting and cheering donors.

Since there's still time to donate, here are some blood facts not generally known. People who have had hepatitis and malaria are no longer excluded from giving blood. This blood is used for fractionation only, but provides valuable derivatives. Those who have had hepatitis may donate after two years; those who have had malaria may give after six months; and those who have been using anti-malarial drugs may donate after two years, and their blood need not be fractionated. One point which has been mentioned before but still needs emphasis is that those who have the rarer types of blood are especially needed. Emergency calls for these types of blood would be much less frequent if these donors would freely give their blood during regular blood drives.

The blood drive is of great benefit to the community. Not only are all of us covered by it, whether we contribute or not, but the needs of our immediate families are met as well. Call the medical department, Ext. 4371, as soon as you know about any need for blood you may have.

Lincoln Lab's drive is conducted by the Lexington Red Cross, but Lincoln personnel are included in the coverage offered by the blood drive on campus. This year Hale H. Hitchcock (Group 11) is chairman of the Lincoln drive which will be held on March 27 in All6, and again in the fall on a day to be announced later.



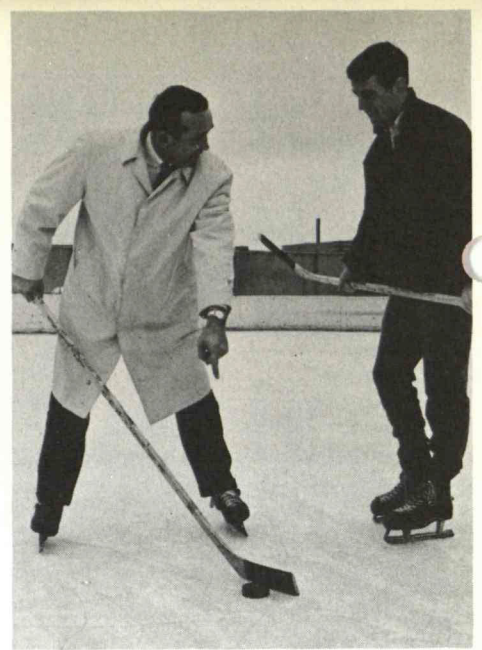
In the top picture, Professor Whitman is chatting with donors in the refreshment room, while (below) more donors are busy earning cookies and coffee.

## PUCK'S GOOD BOY

The eyes of Instrumentation Lab have been focused lately on Boston Garden where the schoolboy hockey tournament wound up this week. The reason? Bobby Havern, son of Bob Havern (IL Security), has been shattering records this season, and hopes were high that Bobby and his teammates would capture the state championship for Arlington High School.

Bobby's efforts this year have earned lots of mention, most notably last month when he set a new single season scoring record--61 points. He has since scored five more, not counting those earned in tournament play. He was chosen the most valuable player by the Greater Boston Interscholastic League and received an award of merit from "Sports Illustrated." Nor do Bobby's talents end with hockey. He's helped Arlington High win championships in football and baseball too.

Bobby comes by his athletic prowess honestly, especially in hockey. His father was a schoolboy hockey player at Cambridge High and Latin and later spent a season as a member of the U.S. National Hockey Team. Bob, Sr., coached Bobby when he played in the pee-wee league, but has left further instruction strictly to the high school coach. But Bob still gets on the ice himself, as a member of the IL hockey team that plays in an industrial league.



The Haverns, Sr. and Jr., having a brief hockey warm-up on the MIT rink.

## INFORMATION, PLEASE

You never know what may turn up the next time you answer the telephone; that is if you work in one of the Institute's information centers. Three offices handle the brunt of these inquiries: the reference desks in the Humanities and Science Libraries and the Information Office. The reference desks in the libraries were established primarily to straighten out garbled citations in papers and provide basic bibliographic information requested by people at MIT. The Information Office's standard information is staggering. It provides Calendars and Catalogues, student and faculty schedule information, maps and directions and notary service.

But that's not everything. MIT, it seems, is widely accepted as the ultimate authority on all kinds of things. Fortunately the staffs in all three offices enjoy the challenges put to them by fanciful queries from the world at large.

The Humanities Library has answered what's proper to wear to a 4 o'clock wedding, how to address a congressman, and found a source for the quotation about pulling oneself up by the bootstraps. Most questions yield easily, but simple-sounding ones like the bootstrap quotation may prove difficult. The reference staff has traced it to a 20th century American novel, but an earlier reference has so far eluded them, though they're sure there must be one and are still looking.

Requests for information arriving abundantly through the mail are no less varied. A plaintive

note from Portugal bemoaned the proliferation of "thinking machines and mechanical mans" and requested the name of a manufacturer of a "preventive machine." Others have sought information on little mechanical men, instructions for removing the whitish residue from antique bottles, and samples of MIT matchbook covers.

The Science Library receives many letters from children working on projects of one sort or another asking for "all the information on atomic energy," or for results of laser research done by "Mr. Charlestownes." One question really piqued their curiosity, "If you go fast enough, will you go backward in time?"

In search of a clue, one reference librarian came up with what may be the ultimate in professional journals, the "Journal of Basic Irreproducible Results," published, naturally, by the Society for Basic Irreproducible Research.

In the Information Office, answered questions go on file in case anyone should ever ask them again. The staff there was unable to come up with a reply to a request for Brazilian recipes and customs, but does know the names of Santa Claus's reindeer and the visiting hours at Boston Lying In Hospital. They referred a call for coffee and doughnuts to a more likely vendor, and directed another caller to the Weather Bureau when he asked for a forecast for Washington D.C. They pointed out that spring doesn't always fall on the same day but declined to name the first days of spring for the next ten years.

## FACULTY SPOTLIGHT

Works of three of the Institute's most well-known artists have been selected by the U.S. Department of State to brighten embassies in far-off countries. A bronze and silver sculpture by Richard Filipowski (Architecture) now graces the embassy in Paris, while Gyorgy Kepes's painting "Melted Glow" hangs in El Salvador and "Wondering Owl" by his wife, Juliet, adorns the embassy in Karachi, Pakistan.

The plan grew out of an idea launched by President Kennedy to provide our embassies abroad with art which would reflect both present and historical culture in the U.S. Works of American artists are assigned to embassies on a two-year basis, and their selection involves not only artistic considerations but political and climactic conditions in the countries to which they go.

## LOOKING AHEAD

Plans and programs are already well underway for the Institute's 24th biennial Open House, to be held April 22. If past attendance is any measure, more than 30,000 interested neighbors are expected to explore the Institute this year. And there's plenty for them to see.

Not only have nearly half-a-dozen new buildings opened since the last Open House, but special exhibits and demonstrations are being planned by most departments and interdisciplinary centers. Among the demonstrations are: computer-aided design, lasers, water desalination, weather radar and oceanography.

Open House is organized mainly by students and some 300 are working on this year's display in cooperation with members of the faculty. Altogether, Open House is a unique chance for the community at large to get to know more about MIT's educational and research programs.

It's a good time for you to find out more about the Institute, too. So, if you don't know as much about the Institute as you'd like, make plans to come to Open House, and bring your family and friends.

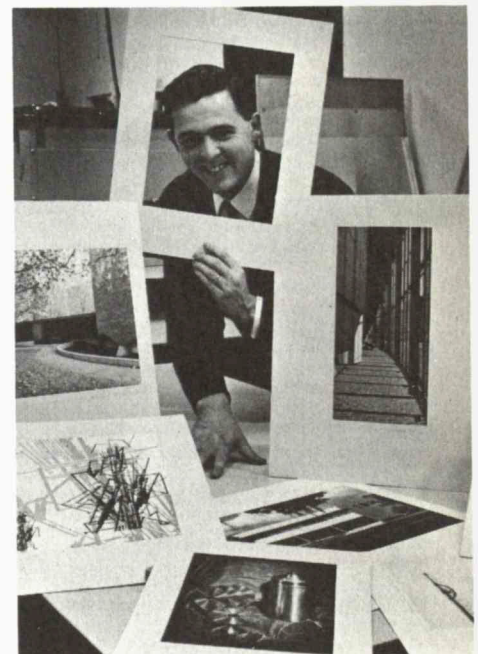
## PHOTO FOCUS

A much enjoyed hobby sometimes sprouts into a solid vocation. So it is with Bill Parenteau of Graphic Arts. What began as teen-age shutter-bugging has become full-time and happy employment for Bill. He began mastering his trade in a four-year hitch as a Navy photographer, working in everything from aerial reconnaissance to the fleet air photo lab.

When he got out of the Navy, there was nothing for Bill but to try to stay in the photographic field. He found a job in the printing room at Graphic Arts where he helps to produce many of the thousands of pictures the Institute uses each year. Bill hopes eventually to do more camera work, but meanwhile he's still gaining valuable experience in photo production; not as glamorous but just as important.

Last fall Bill enrolled in the general photographic course at Boston's Franklin Institute, where he finished the first term with high honors as the top student in the course. Several of his pictures have been chosen to be included in the permanent photo exhibit at the school.

Bill likes working with studio set-ups and still lifes best, and also enjoys making architectural studies, some of which he has shot around the Institute. These and other examples of his work are shown in the photo exhibit which hangs in the halls at Graphic Arts.



Framed: Bill Parenteau and some of his subjects.

**FOR SALE, ETC.**

- Beige coat w/mink collar, other coats, 9-10. Darla, 734-8973 evgs.  
 Electrovoic spkrs in wal cab (2); Garrard chgr; Realistic 20w amp; GE waffle iron & grill, best offer. Call 776-8719 evgs.  
 Bed, ex lg, 78"x38", \$25. X321l or 876-8903.  
 Swap IL12 sticker for Pacific lot. Murray, X5371.  
 Lateen sailing rig for canoe, 50 sq ft, lee bds, marine hardware, \$75; lockable dustproof atache case for slides, like new, \$6. Harvey Griggs, X7118.  
 Ducati 80cc motorcycle, gd cond, \$130. Tom, X7594 Linc or 868-0791.  
 Friendly, affec fem sealpt Siamese kittens. X6736 or 876-1913.  
 New & used dresses, slacks, skirts, blouses, v reas, 9-14. Call 666-3240.  
 Lambretta '62 150, exc cond, 3 gd tires, 2 seats, carrier, 4-spd trans, \$225. Ray Rigazio, X2751.  
 Swap Sidney St lot for Pacific sticker. Norm, X6458.  
 Scuba gear: Healthway tank w/reserve; Healthway back pack; Aqua-lung sgl stage K, DW mistral regulator, assoc weights, \$95. Patnaude, X1378.  
 Divan, soft green, gd cond, best offer. Call 696-5206.  
 Dyna stereo 70 amp, PAS 3X preamp, both new, best offer. X5758.  
 Suzuki Sport 80, '66, used 1 mo, perf cond, \$290. Exide batt for '60-'62 Corvaire, \$5. Grams, X5525.  
 Scott S-2 spkr, orig \$200, sacrifice at \$59. Call 491-7967.  
 Honda 160, '65, 7500 mi, oversize tires; wanted: Heath HW-22 or similar mobile rig or GM mobile transmitter. Greg, X3217.  
 AKC reg Samoyeds, all wh, Husky-like pups. Call 527-0618.  
 Ski rack. X2539 or 969-8282.  
 Eastern elec blanket, br new, 2-yr guarantee, contour, washable, \$15. Call 868-4249 evgs.  
 Craftsman tilting arbor 8" saw & tbl, 1/2 hp, w/access, \$75. X2277.  
 Refin antique Boston rocker, perf cond; copper washtub w/handles & lid. Call 484-9591.  
 Swap jigsaw puzzles? Harder the better. Call 729-4378.  
 Lg red uphol couch, v gd cond, \$65. Miss Eastman, X2259.  
 Gerbils! Steve X3707 or 232-4594.  
 Brown lounge ch, down pillow, cocktail tbl, mahog w/lthr top, \$10 ea. Call 296-0040.  
 Guild Mark 2 classical guitar w/Martin hd case, exc cond, \$145. John, X5732.  
 Koss SP-3XC stereophones, br new. X4170 or 868-7097.  
 Pioneer Audiomaster stereo sys w/ sep spkrs, \$90. Andrew, X4716.  
 Royal port typwr w/case, exc cond, \$30; 3 custom wd cornices, 75", 103", & 115" long, \$10 ea; 9 alum 1/2 screens, \$1 ea. Anne, X4895.  
 Yamaha, '66, low mi, exc cond, \$500. Jim, 646-0241 evgs.  
 Skis: 7' wd, \$20, 6'6" metal, \$50, both w/safety bindings; boots, 8 1/2, \$10; woman's fig skates, 8 1/2, \$5; boy's hockey & fig skates, 1, \$6. Call 861-0247.  
 Elgin 3 1/2hp outbd eng, '63, gd cond, \$75 or best offer. JA 4-2377 evgs.  
 Minolta sub-min 16mm camera, f/3.5. M. Leis, X5411.  
 Silvertone 21" port TV w/caster std, best offer. Call 275-0954.  
 Honda super sport, S-90, '66, 3K, exc cond, tools, shop manual, repair & tune-up guide, \$295. R. Oder, X5578 or 646-8216.  
 Army Reserve uniform, like new, 40. X4868.  
 Merimekko dresses, 10, \$10 ea. Mary, X7052.  
 Solid wd & foam couch-bed, \$15; cot-size foam matt, \$8.50; Zenith TV, exc cond, \$40. Netty Van Beers, X3648.  
 Dyna dual-70 stereo pwr amp, \$70. Call 598-6392.  
 Mahog 8-drw chest, \$45; pl glass mirror, 48"x12", \$5; woman's parka & ski pants, 5-6; hi-fi equip, all kinds, best offer for all or any. Jones, X6601.  
 Olympia port typwr w/case, \$45. Eleanor Cooper, X3932.  
 Kastinger Aspen woman's ski boots, 9, worn once, \$20. Call 864-8093 evgs.  
 Free: lovable calico kitten, 5 mos. Rick Aparo, X3273.  
 A-line wedding dress, silk organza w/appliques & seed pearls, watteau train, French illus veil w/rosebud pillbox, \$65. Call 335-0312 Weymouth.  
 Smith-Corona port typwr, best offer. Jack, X2445.  
 Garrard Lab 80, Shure M-44-7 stereo cart, oiled wal base, \$85. Goodwill, X2893 or 868-3139.  
 Convert couch, green, dbl bed. Barbara Howard, X2476.  
 Tandberg mod 12 3-spd solid st stereo tape rdr, br new, \$350. Larry X6542.  
 Kelvinator 8 cu ft refrig, old but quiet & runs well, \$10. Chuck Baber, X5714.  
 Wedding dress, wh velvet w/appliques, unus styling, 10, worn once. Call 389-8164 evgs.  
 Free: 4 mos old male cat, trained. X2335.  
 Jordan-Marsh refrig w/ GE motor, 12 yrs old. GR 2-6655.  
 A.B. Dick mimeo w/std, can be motorized, old but works well, \$15. X2210.  
 Wedding gown, ivory peau w/lace, crystals & seed pearls, not suitable for girl over 5'5", was \$300, best offer. Wanted: tech typing. X4396.  
 Easy elec ironer, best offer. J. W. Fish, X3984.  
 Sears solid st port stereo, detach spkrs, new needle, \$50, w/std \$55. Dave, X7192 Linc.  
 Hollywd bed w/cover & bolsters, use as couch. Eddie Cutler, X2384.  
 Skis, 6'5", rel bindings, woman's boots, 9, \$40. X7130 or 868-4687 evgs.  
 Danish wal design sofa, 2 ch, \$45, match cof tbl, 2 end tbls, \$5 ea. X6877.  
 Nikkor 85-250mm zoom lens for Nikon-F, best offer. Cho, X214 Linc.  
 Leica 8mm movie cam, Leica variogon zoom lens, fl auto iris, ideal for home movies, perf cond, orig \$470, best offer over \$175. Call 332-4232.  
 Free: 3 bl, 1 tiger kittens, 4 wks old, make reservations now. Call 547-7773.  
 Zenith 21" TV, \$30. Susy, X4710 or 623-7504.  
 Honda 150cc, '63, shield, helmet. Wanted: organ w/fl pedal bd; mate for male kinkajou. X7214 Linc.  
 Westinghouse lg refrig, works well, make offer. X3151 or 868-6474 evgs.  
 Must sell Maytag dryer, exc cond, \$45. Call 547-5944.  
 '56 Buick, gd cond. DU 7-7263 evgs.  
 '58 VW, comp overhauled, like new, no rust, has lived in Calif all its life; beige 9'x12' rug w/pad. X2622 or 272-6989.  
 '59 Buick Electra 225, all pwr, exc cond, \$250 or best offer. Mike, X7861 Linc.  
 '59 Impala sports coupe, \$225. Herb Willman, X1160.  
 '60 Falcon, std, 6 cyl, 45K, \$150. Dave, X3405.  
 '60 Olds dyn 88, orig br & shocks, superb cond, 47K, \$625. Call 235-0138.  
 '61 Peugeot 404, v lo mi, exc cond, Mich X, belts, sunrf, \$950. Frieden, X4423.  
 '61 VW wh sunrf, \$550. Schroeder, X4817.  
 '61 MGA 1600, gd cond, new paint, \$600. B. Nichols, X5838 or 864-3599 evgs.  
 '61 Chevy 4-dr sedan, 8 cyl, \$595. X7135.  
 '61 Comet, 4-dr, std, \$275; '64 Honda 305cc, best offer. Dick, X6284.  
 '62 Morris wgn, v gd cond, R, snow tires, new clutch, gen & tune-up, \$395. Call 275-9614.  
 '63 Chevy II, gd mech cond, \$450. Boehringer, X6256.  
 '63 Corvette Stingray convert, 360hp, FI, orig owner, \$2495. Call 868-3743.  
 '64 Chevy wgn, 6 cyl, auto, R&H, \$1000. H.S. Palmer, X2850.  
 '64 VW sedan, reliable trans, exc cond, \$900. Graham, X4327 or 924-5614.  
 '64 Land Rover Camper w/diesel & many extras. UN 4-2729.  
 '64 Spitfire w/tonneau & ski rack, red, \$900. Ed Hudson, X4031.  
 '66 TR Spitfire Mark IV convert, must sell immed, entering service, \$1850 or best offer. Ed, X6058 or MI 3-7929.  
 '66 VW fastback, sunrf, \$1600 or best offer. X474 Linc.  
 '66 Corvette convert, 300hp, 4-spd, Hurst mag type covers, burglar alarm, best offer over \$3300. Call 876-6893.  
 '66 VW type 113, 5K, Baltic blue. Call 868-8975 evgs.  
 '67 VW camper, like new, 6K, comp w/tent, save over \$500 at \$2500. X695 Linc.  
 Arl, Marathon st, single, 8 rms, 2 1/2 B, gar, low \$20's. Call 643-8941.  
 Back Bay studio apt, K&B, 364 Marlborough, avail now, \$130/mo. P. Geratis, X2925.  
 Bcn HI sum sublet, studio apt, roof deck, fp, K'ette, 6/10-9/10. Call 523-1843.  
 Bcn st sublet, 1 BR, nicely furn, quiet, sunny, nr stores & trans, avail 4/1, \$140/mo. Dianne, X1504 or 266-3624 evgs.  
 Bel apt, 4 1/2 rms, 1st fl, new brick-front 2-fam home, enc bk yd, 3 mins to Mt. Auburn Hosp, avail 4/1, \$180/mo. Call 484-3659 evgs.  
 Bos, W. Newton st, nr Pru, br new 1 BR apt, fpLR, tile B, K, gar disp, \$140/mo. Dr. Clark, X4488 or 232-1207 evgs.  
 Bri, Foster st, sublet 1 BR furn apt, ht & hw, 1/2 block to MBTA, avail 6/1, \$135/mo. Deri, X1161.  
 Brk, Coolidge Cor, 1g unfurn rm, K & tele privileges. Call 734-5460 evgs.  
 Camb, sublet 3 unfurn rms, pking for 2 cars, 15 min walk to Harv Sq, avail 6/1, \$170/mo. Call 547-2988 evgs.  
 Camb, Harv Sq apt, 1g BR, LR-DR, K&B, 2 fp, unfurn, \$145/mo. Call 547-8035.  
 Camb, Cent Sq, 2 BR, tile B, new paint, \$135/mo incl ht. Call 491-0200.  
 Camb, Harv st, nr Harv Sq, lux studio apt, \$145/mo, ht&hw. Call 876-4328.  
 Camb, 2 BR, LR, K&B, \$150/mo incl all util. X5598 or 354-6573.  
 Camb, sum sublet, 1 BR of 3 BR apt nr Tech Sq w/option. Ed, 868-0584.  
 Jam Pl, sum sublet, 1 BR, 6/15-9/15, nr trans, off-st pking, fp, \$95/mo. Barry Fry, X7006.  
 Littleton, 3 BR ranch, fpLR, cab K, fin playrm, cor lot, 15 min from Concord junction of 495 & 2, high teens. X7861 Linc or 486-4484.  
 Melrose apt, 2 BR, LR, K, patio, air cond, gar disp, \$140/mo incl all util. John Panarello, X3985 or 665-6335.  
 Nahant, 5-rm house for sum, 2 blocks from beach, water view, 35 min to MIT. X5938 or 581-0261.  
 Sudbury, 6-rm ranch, fpLR, 3 lg BR, DR, tile B. Call 897-9428. Also Concord, 3 BR garrison col, 1 1/2 B, fpLR, DR, all elec K, 3 acres. Call 369-6053.  
 Lost '68 MIT class ring. Richard Pietravalle, 247-8079.  
 Found: Rensselaer '65 class ring. Jack Hart, X 2806.  
 Wanted: fem rmmate for Camb apt, own BR, \$33.33/mo, beg 4/1, pty furn. Judy, X2589 or 354-5974.  
 Wanted: gd home w/ lots space for lg friendly dog. Phil Lynch, X5411.  
 Will do typing, theses, reports, etc. Cathy, 783-0890.  
 Charter: Bristol 27 sloop, sleeps 4, taking reservations now, exper skippers only. F. Brooks, X4364 or PA 9-7179.  
 Wanted: matched set golf clubs. Joseph Griffin, X3585.  
 Wanted: fem rmmate to share Harv St apt, beg mid-April or May 1, \$75/mo. Ellen, X2311.  
 Wanted to trade: Hayward Sticker for West gar. Fran, 868-4639.  
 Wanted: cement mixer. Howard, X3507.  
 Wanted: fem rmmate to share Bcn HI apt w/2 others, furn, own BR. Also Camb or Bos apt for 2 girls, furn, about \$100. Kathy, X6724.  
 Wanted: sitter for my home, 1-5 T, Th, F, refs reqd. Call 354-3406 evgs.  
 Wanted: Carpool, MWF, Fairfield Gdns Wat to MIT, 7:30 a.m. Call 926-1463.  
 Wanted: canoe, 15' to 18', pref canvas cover, reas. Marion, X6856.  
 Exp housekeeper, cook & caterer seeks per diem employment caring for prof or businessman's apt. Call TR 6-7373 evgs.  
 Rm & board in exch for baby sitting, priv B. BE 2-0205.  
 Wanted: woman's bicycle. Rosemarie Rogers, X3646 or UN 8-5995.  
 Wanted: old typwr, free. Blittner, X4971.  
 Wanted: scrap yarn for making granny afgan. D. Dong, X3694.  
 Wanted: street drum to borrow by Girl Scout for Apr 19 parade. Call 862-4443.  
 Wanted: ride, Dedham-MIT and back daily. Fitzpatrick, X4301.  
 Wanted: sgl house furn, 4 BRs, Bel or vic for Dutch family, beg Sept for yr or more. Lewin, X4282 or 489-0192.  
 Flying instruction, lowest rates in N.E., limited membership. X4469.  
 Wanted: sailing rig for canoe. X2220.  
 Wanted: gold or red 9'x12' rug and chest of drws. Call 254-6446.  
 Wanted: male rmmate for 5 1/2-rm apt newly dec, own BR, \$75/mo. Call 864-2001 evgs. Also prof hi-fi, new \$310 asking \$160. Call 848-0526.  
 Wanted: hi-fi amp and 2 BR apt nr Harv Sq. H.E. Stanley, X5554 Linc.  
 Wanted: fem rmmate to share apt on Bcn HI w/1 other. Martha, 523-0475 evgs.  
 Wanted: sublet, mid-May-Sept, nr MIT, \$125 or less, by married couple. Kathy, X7041.  
 Wanted: fem rmmate for 7-rm apt, Newton-Bri line, own BR. Call 332-7379 evgs.  
 Will bring Nikon camera from Japan, best offer. Akira, 547-8185.