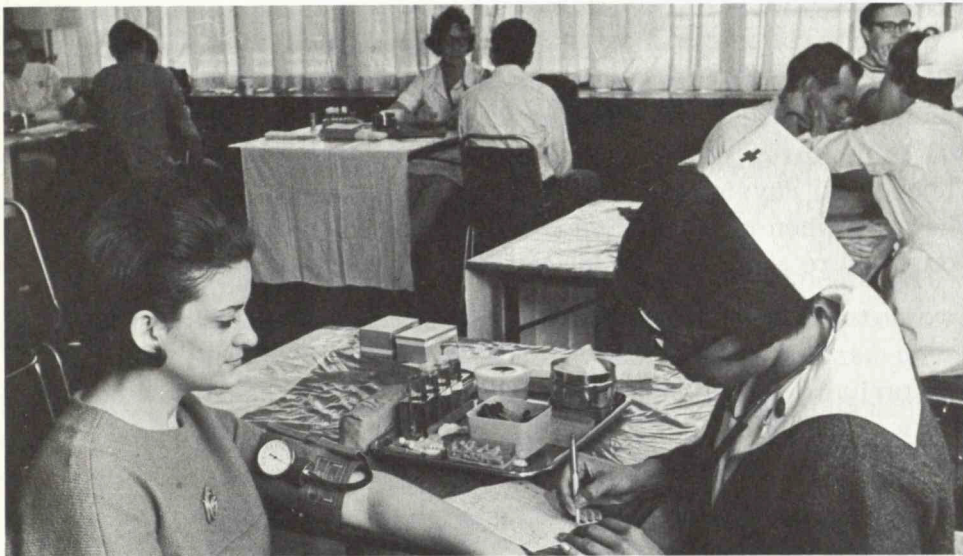
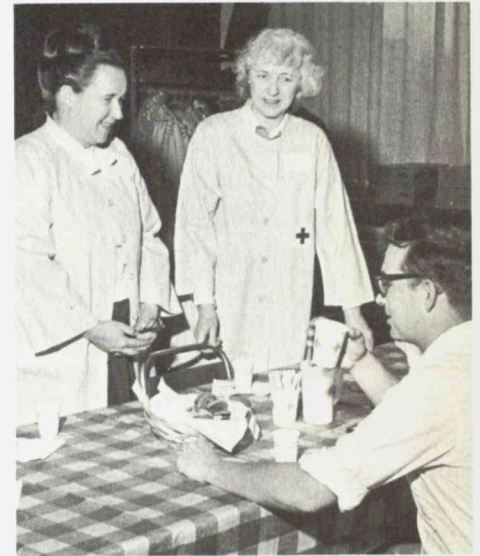


TECH TALK

MASSACHUSETTS INSTITUTE OF TECHNOLOGY March 20, 1968



It all begins with a thorough medical check. . . .



. . .and ends with coffee, cookies and conversation.

ONLY TWO DAYS LEFT

To give your pint of blood, that is. The drive opened last Wednesday with 278 donors, pre-registered by computer, giving hope that the student-set goal of 2,150 pints might be reached. However, if you didn't make an appointment ahead of time, you can still do it by calling Ext. 3115.

Articles in the previous two Tech Talks have described new MIT arrangements for the drive this year, but now that it is here, we find that the Red Cross has made some improvements, too. There are 24 beds this year, and more nurses for screening donors, so that part of the process has been speeded up.

As most of you know, MIT's blood drive plays a very important part in the medical scene in New England. Blood reserves are always low at this time of year--this year much lower than usual, so our part in relieving the drought is even more important. Serious operations, like open heart surgery, for instance, are scheduled during the

MIT drive when hospitals can be sure of an adequate blood supply.

The Red Cross offers blanket protection to all of us and our immediate families, but, like any bank, only so long as our deposits are greater than our withdrawals. So far they have been. Now is the time to renew this life-saving insurance for another year. Some of you may remember a thank-you note Tech Talk printed last summer:

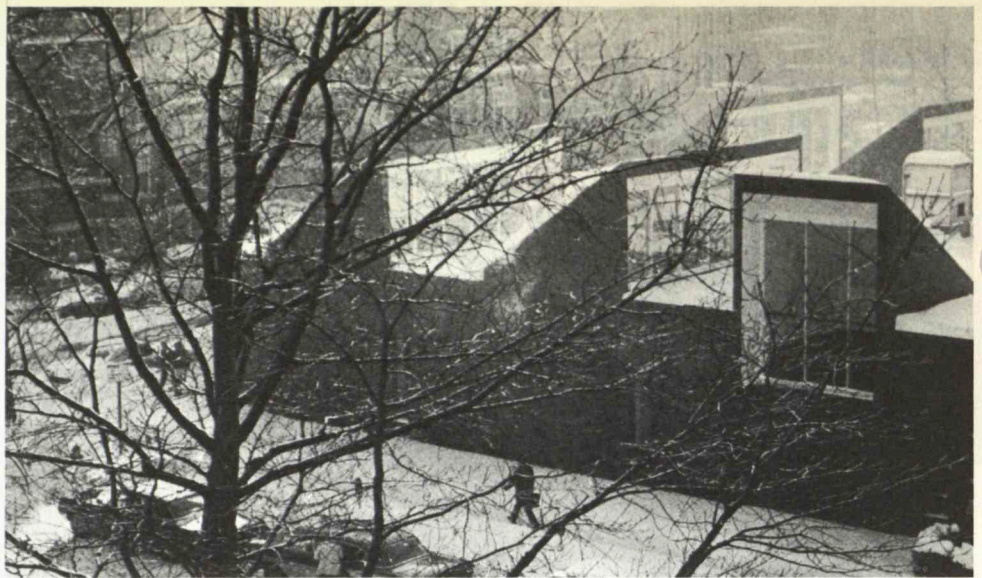
My wife, Olive, joins me in expressing our sincere thanks and deep appreciation to each and every donor to MIT's Blood Bank.

A considerable amount was transferred to Massachusetts General Hospital where our daughter has been a patient for some time. We are happy to say she is progressing steadily.

Most sincerely,
Harold H. Brown (IL)

... AND LINCOLN'S TURN

Lincoln Lab personnel, of course, are covered by the Red Cross -MIT Blood Bank, but Lincoln's own drive is conducted by the Lexington Red Cross. Dr. Joseph Mindel (Director's Office) is chairman of this year's drive, to be held in A-166 on March 25, plus a second one-day drive which will take place in the fall.



We used to call it The Coop.

ARTISTIC PHYSICS, OR, PHYSICAL ART?

Absolutes are fast disappearing from our world. Demonstration of this is the three-day joint dedication program for the Center for Theoretical Physics and the Center for Advanced Visual Studies. The days when physicists were restricted to figuring out atoms or artists were stuck with paint or clay are over--at least here at MIT.

Two dozen distinguished artists and scientists will participate in the seven-session symposium which begins this afternoon in Kresge Auditorium. Three sessions will be devoted to recent advances in physics; the other four will explore the interface between art and science. All sessions are open to the public.

Open house at both of the new Centers will be held on Friday at 5 p.m.

MISS DUNCAN DISEMBARKS

It's one of the smallest departments with one of the longest names, and its heart is as big as a battleship. Two weeks ago the entire Department of Naval Architecture and Marine Engineering got together to honor Gladys E. Duncan as she began her retirement after 17 years of service to the department.

Plans for the reception were kept strictly secret--from Miss Duncan--but everyone in the department had a part in making the occasion memorable. But when the time arrived, Miss Duncan, with typical modesty, was nowhere to be found. Once she was found, presentations began in grateful acknowledgement of her daily kindnesses: an all-expense paid trip to Puerto Rico from the entire department and an inlaid wooden bowl made by the deft fingers of Roderick Matheson of the ship model shop.

Miss Duncan came to MIT as custodian of the naval architecture plan files, but the files grew and so did her job until she effectively became the departmental librarian and a positive genius at finding an obscure drawing or rare journal. A plaque, presented at the reception and now hanging in the library, best sums up her attitude in helping everyone, but students especially. The inscription: "Many came, but none left empty handed."

HERE AND THERE

Beat at five o'clock? Try a relaxing hour in the music library tonight. A free concert of works by Bach, Martinu, Krol and Schu-



Plaque presentation to Miss Duncan by Professor Keil, head of the department.

mann will be performed by Eleftherios Eleftherakis, viola, and Richard Corbett, piano.

For those with a taste for the exotic, the Chinese Intercollegiate Council of Greater Boston is presenting "The Battle of the Fire Bulls" in Kresge on Saturday. The two showings (at 2:30 and 8 p.m.) of this color movie are a benefit for college students in Taiwan and Hong Kong. Tickets will be available at the door with prices set at \$1 for children, \$1.50 for students and \$2.50 for non-student adults.

April 2 brings a new one-man show -- paintings by Jules Olitski -- to Hayden Gallery. The artist will be present at the opening night reception, from 8 to 10 p.m., and the public is invited to come and react.

SHUTTLING TO AND FRO

Last spring when the Wellesley-MIT experimental program was announced, no one anticipated quite such an enthusiastic student reaction. Students at both schools have energetically gone about getting acquainted informally so that the transition to the official cross-registration program next fall will be smooth and friendly.

The latest episode in the evolving experiment was exchange days held last week both here and at Wellesley. On Monday, busloads of our students jaunted out to Wellesley's rolling campus to attend classes, lunch with the girls, sip tea at informal departmental get-togethers and participate in a student-faculty panel discussion on "The Role of the College in the Urban Community."

On Wednesday, MIT returned the invitation and our halls blossomed with a couple of hundred pretty new feminine faces. The program here was much the same as at Wellesley except for the panel discussion. Instead, most extracurricular activities opened their offices and workrooms to show the girls the wide range of after-hours action here in Cambridge.

Altogether more than 1,000 students took advantage of the exchange days and already many others have asked for a repeat performance.



Wellesley girls learn the ins and outs of Arctic mittens at the MIT Outing Club.



Need a new spring wardrobe?

IN THE MEXICAN MOOD

As the last days of winter draw reluctantly to a close, the MIT Dames are fostering a preview of spring at their annual fashion show on April 1. The focus this year is Mexico with "Primavera-Spring," featuring bright young clothes from the Bobbi Baker Shop in Cambridge. The Dames themselves will model to the accompaniment of the "Tijuana Brass" sound with commentary by Bobbi Baker herself.

To add to the fiesta mood, the Sala de Puerto Rico will be festooned with bright paper flowers and Mexican Sangria punch will be served. Proceeds from this year's show will go to the Jimmy Fund. Tickets, at \$1.50, will be available at the door in the Stratton Center, and the show begins at 8 p.m.

FOR SALE, ETC.

Dyna FM-3 stereo tuner, fac assembled, \$100. Ed. X2882.
 Kodak Retina w/German lens, lthr case, exc cond, \$35. X2210.
 Assort electronic equip: name your price; Premier elec bass, \$75; Utah 15" spkr w/Bass reflex case, perf cond, \$100; elec organ, \$25. Call 444-2685 evgs.
 Std size pool table, \$100 or best offer. Call 395-6933.
 Hi-fi equip: Klipschorn; pr KLH-6; pr ADC 3D3; Scott LK 72; Garrard A w/ Shure M44, best offers. Call 963-6726 before 3 pm.
 Dual pick-up elec guitar, \$60, was \$140 new. Stan, X2732.
 German shepherd, spayed, 8 mos, pedigree; exc disp, best offer. Warren, X3969 or 272-3573.
 Frigidaire refrig, \$20. X2793.
 Acoustech V 70w RMS, solid st, stereo amp, perf cond, \$160. David, X2955.
 Epoxy glass 200 cm skis w/stepin bndgs & runaway straps, exc cond, \$55 comp. Call 395-8751.
 New Rieker buckle ski boots, 8 1/2 W, \$35. Mrs. Morey, 969-5428.
 Magnavox 24" mahog fl mod TV, exc cond, new tube w/yr guar, \$69. Walt, 254-8998 evgs.
 Norge gas dryer, 4 cyc, auto, exc cond, 1 1/2 yrs old, 1/2 price. Tom, X3506.
 Flying Tern 14' sailboat, fiberglass, comp, like new, \$775. EL 4-1656 evgs.
 Free: guppies, m&f dark or light. Call 891-8755 Tues & Thurs am's.
 Rattan furn w/linen uphol, \$450/set; 2 cof tbls \$35 & \$55; 2 bar stools, \$15 ea; rugs: 9x12, \$29; 11x12, \$35; 8x8, \$19; mahog dbl bed, \$85. Call 444-0943.
 Airequipt slide mags, \$1 ea; carry cases, hold 12 mags, \$3 ea. Al, X7048.
 Spinnet piano, gd cond, highest bidder; Dan wal desk, gd cond, \$65. Call 787-4225 evgs.
 Nrly new dbl bed, \$30. Bill, 484-2799 evgs.
 Nordica woman's buckle ski boots, 8, new this yr. Call 547-2838 evgs.
 Konica auto Sl. 6 35mm rangefinder cam, auto exp control, like new, \$75 w/ case. Gary Sanders, X7587 or 492-6695.
 Trade: 13 silver certificates for 10 silver dollars or best offer. Bob, X4956.
 Old Town 16' fam boat w/45 hp Mercury motor & hvy duty trlr, \$1000. Call 648-8199.
 Mahog breakfront, like new, \$125. X206 Linc.
 Honda '67 305cc, 2K, blue; Bell helmet, \$600. Dave Burmaster, RE 4-0648.
 Raleigh '66 Moped bike, 50cc, 200 mpg, 40 mph, 92 lbs, \$90. Jim, X4070.
 Lesile comb hi-fi tone cab w/3 chan 144w peak power amp, exc cond, \$250 or best offer. Mark, X5593 or 471-2459 evgs.
 Sofa, converts to dbl bed, like new, \$60. Ginny, X7773.
 Photomic F Nikon w/50mm f/1.4 auto Nikkor lens, 2 yrs old + br new Nikon Ever-Ready case, \$189. X7241 Linc.
 Free: 5 kittens, 1 black, 4 grey & white, ready 4/10. Pat Olsen, X5724 Linc.
 Bausch & Lomb slide proj, auto timer-chgr, \$35. X4489 or 484-7681 evgs.
 Pink bunting, new, \$5; pine bkcase headboard; hand beaded sweater, 44, \$15; other size 16 clothes, like new, reas. Ann Smith, 862-8771.
 Fisher Alus Presidents 210 cm, never mounted, \$120. X5865 or 547-4760.
 Polaroid mod 80A w/wink, lt mtr, flash, other attach & case, exc cond, \$35. Harold, X5620 or 924-4428 evgs.
 O'Day '66 day sailor, exc cond, \$1650. X3868.
 Hi-riser bed, \$45; self-defrost refrig, \$45; woman's bike, \$20; fp set, \$12; assort household items. Call 277-0817 evgs.
 Yamaha '67 305cc scrambler, 3.4K, \$500. Rick, X1587 or 969-6291.
 Fisher console stereo w/R & tapes, hand-made cab, nds work, \$100. X5673.
 Raleigh '65 3hp motorbike, 112 lbs, w/dual seats, pillion rest, rack, 180 mpg, 50 mph, best offer over \$110. Les Cuneo, X3530.
 Frigidaire elec stove, \$20. Mrs. Shea, X4805.
 Ofc desk, wd w/masonite top, 32x51", \$8; Rem std typwr w/stand, \$35; chest of drws, \$5. Call 876-0621.
 Keystone 8mm camera, \$20. Call 324-2498.
 Pistol, 22 cal auto w/2 clips, \$20; 22 cal Ruger sgl-6 w/holster, \$35. Fred, X7368.
 Vespa '64 150, exc cond, extras, \$175 firm. X7373 or 438-3776.
 Acoustech III pwr amp 50w/channel (total 100) perf cond, \$140. Sid, X5011.
 Simmons hideabed, \$30; cof tbl, ceramic, \$12; 2 sm tbls, \$3 & \$4; RCA 19" port TV, \$50. Call 868-4816. '66 BMW 1600 sedan, \$1850. Call 646-1128.
 Free: 4 black kittens, 1/4 Siamese. Eleanor, X6321 or KI 7-2925.
 Bluept Siamese kittens, 2m, 2f, papers & shots, 5 mos old, very affec, \$25 ea or \$40/pr. Robert Rafuse, X2580 or 456-3269 Harvard, Mass.
 Acoustech amp, preamp, \$170. Thomas Hood, X3616 or KE 6-1300.
 Louis' Grandslam clubs: 1, 3, 5, 7 & 9 irons + putter & 2 & 4 wds, w/bag, \$30. Corr, X7393 Linc.
 Free: kittens. X5330 or 935-1420.
 Br new Nikkormat FT; Soligor 28mm & 135mm lenses; Sekonic CdS lt mtr; Bogen 35mm enlarger; dkrm equip; tripod. Nick Jordan, X2577 or 666-0270.
 Kent boy's bicycles (2), 20", both for \$15. Sid, X5011.
 Persian 8'x4' throw rug, \$70, wool; 13'x19' Persian cotton rug, \$100; 2 man's suits, 32, tailor made in Europe, best offer, etc. Call 861-9429.
 Dbl bed w/bkcase headboard, wal, 3 yrs old, gd cond, \$50. X 5786 Linc.
 China, 4-place set TV, \$5; Sear's waffle iron, \$10; new dk blue blazer, 36, \$10. Call 232-0484.
 General Food slicer, \$9. P. Gelzinis, X695 Linc.
 Nikorex 8mm movie cam w/telephoto lens, \$22; tripod, \$4.50; 2 Fisher XP-10 console spkrs, practically new, \$140 ea. Joseph, X6780.
 Tandberg mod 64 tape deck, exc cond. Sam, X2887 or 547-9253.
 Car 6v radio, \$5; new 60" Venetian blind, 32" long, \$5; refrig, 10.5 cu ft, gd cond, \$35; crib & matt, like new. DE 2-7482.
 O'Day sailor, exc cond, spinnaker, boom tent, motor, tilt-bed trlr, anchor, extras, \$1850. Ed Taylor, X6040 or 244-9774.
 Exercising bicycle, br new, \$5. Call 566-8161.
 Polaroid 250, mint cond, 5 mo guar, asking \$95; SCM port elec typwr, script type, 3 yrs old, little use, asking \$85. Ben Ashton, X6178 or 876-8755.

'58 VW, \$195; stainless dbl bowl sink w/faucet, \$25; 30" gas range, \$15; movable louvre shutters, 28"x32", 5 sets, \$7 ea. Call 235-8723.
 '59 Chevy Impala, auto, ww's, R&H, exc cond, \$175. Call 648-9458 evgs.
 '59 Olds 98 4-dr, gd cond, R&H, \$100. X1341 or 358-7696.
 '60 Merc wgn, auto, R&H, new snows, trlr hitch, gd cond. Sam, X5879.
 '60 Studebaker convert, new top, gd tires, no dents, best offer. Mike, X6282.
 '60 Chevy hrdtp sport coupe, V-8, std trans, one owner, exc cond, \$400. Call 762-7025 evgs.
 '61 Ford wgn, V-8, R&H, auto, \$200. Walter, X3306.
 '61 Pontiac Catalina 4-dr hrdtp, auto, p st, new tires, gd cond, \$325. Gladys, X4198.
 '61 Plymouth wgn, V-8, auto, \$435 or best offer. Nick, X2254.
 '62 Pontiac LeMans convert, exc cond, \$450 or best offer. Call 868-9022.
 '63 Comet 4-dr, auto, R, 35K, avail 4/1, \$450. Mark, X7335 Linc.
 '64 Plymouth 4-dr, std, gd cond, blue, \$650. Phil, 926-2372 evgs.
 '64 Pontiac Bonneville 2-dr hrdtp, p st & br, gd cond, white. Call 522-2763 evgs.
 '64 VW sq bk wgn, exc cond, \$1150. Ralph, X226 Millstone or 646-3296 evgs.
 '64 Pontiac Grand Prix, yellow vinyl rf, fl pwr, priced for immed sale, \$1075. Murray, X7753 Linc.
 '64 Dodge V-8, 4-dr hrdtp, exc cond, \$700 or best. Call 666-8870 evgs.
 '64 VW bus, sunrf, \$850. Gordon Price, X1423.
 '65 Renault R-8 4-dr, auto, R&H, 51K, gd cond. Peter, X4724.
 '65 Chevy spt coupe, auto, p st, exc cond, best offer over \$1500. Don, X1131.
 '65 Chevy super spt, 4-spd, fl equip. Dick, X2556 or 864-3040.
 '65 Fiat 1100D, 32K, maroon, br lthr int, must sell, \$600 or best offer. X5306.
 '66 Corvair Monza 4-dr hrdtp, 21K, all extras, 7 mtd tires, \$1350, avail mid Apr. E. White, X4834.
 '66 Karmann Ghia, exc cond, 18K, \$1500. Werner, X1357.
 '66 Dodge Charger, exc cond, illness forces sale, \$1950. Call 884-3063.
 Bk Bay, Marl St, sublet avail now, lg studio, high ceilings, parquet fl, fp, sep K, B w/shower, ample storage, \$140/mo. Call 267-0350 evgs.
 Billerica, apt, 15 min from Linc or Hanscom, 6 rms, 2nd fl. Call 663-3805.
 Billerica, 5-rm htd apt, mod B, chw, pking, \$125/mo. Call 648-8199.
 Cleve Cir sublet, 6/1-8/31 w/opt, lg 4 1/2-rm apt, 2 BR, lg LR, B w/tub & shwr, fl equip K, lg hall, gd storage, most furn, free pking, \$175/mo. X7159.
 Eastgate, sum sublet, 2 rms, high in bldg, comp furn, pking, under \$130/mo. Call 492-6667 evgs.
 Eastgate, 2 BR apt facing river, avail June-Aug, furn, \$205/mo incl util. X2272 or 491-1823.
 London, Eng, 3 BR house, cent ht, wash mach, yr swap by researcher for home nr Boston. McCue, X312 Linc.
 Marblehd, unfurn 5-rm apt, fpLR, htd, pking, overlking harbor, \$130/mo. X7155 or 6651.
 Sudbury, 3-BR cape, wded lot, avail last wk June to Labor Day, \$175/mo or \$45/wk. Call 443-6293.
 W Som, 1st fl, 5 rms, glassed porch, \$95/mo unhtd. Call 776-2929 evgs.
 Wht Mtn fthills, waterfront sum home, spac secluded, exc swim & fish, avail all sum. Call 868-8168.
 Winnepesaukee, Bear Is cott, winter access, nr ski areas, income producing, price for quick sale. Call 862-8558.

WANTED & MISC.

Typing, paper & thesis, reas rates. Call 354-1032.
 Fem rmmate for furn apt in Harv Sq, \$87/mo. Joyce, X7404 Linc or 864-6365.
 Apt or home, 3 BR, pref air cond, in Bos, June-Aug for fac member. Mr. Stachel, 734-7225.
 Driver for car return from Miami, Mar or Apr. Call 862-7830.
 Will babysit in my Westgate apt, infants pref. Call 491-6181.
 Beat-up but functional bicycle. Royce, X4944.
 Male rmmate(s) for furn apt, Watertown, 10 min from MIT, own rm, pking no problem, 'til 6/30, \$49/mo. Nat, X6876.
 Girl's or convert 24" bicycle. Arthur Rudolph, X2720.
 Fem rmmate to share w/2 others, nr Harv Sq, \$75/mo. Call 491-4761.
 Color Slide Show, "West Germany, Old & New," Linc A-166, noon 3/21.
 Motorcycle helmet, reas. Darrell, X5203.
 AR2AX walnut spkr. Sale: '67 Honda Scrambler, 305cc w/helmet, extras, \$550. Greg, X3217.
 Martin guitar #0018 C or G. Mrs. Colby, X5656.
 Do you own a coatimundi? As new owner, I need help. Bob, X2593.
 Comp lower unit (drive shaft, prop shaft, etc, assembled) for Merc Mark-20 outbd motor, serial in 700,000 series, or entire motor, reas. Jane, X5397.
 Minox B cam. Call 868-9453.
 Exp thesis typing, reas rates. Maureen or Dell, 271-2843.
 Girl's Eng bicycle. Ginny, 566-1035 evgs.
 Oboe in gd cond. X1148.
 Daily ride, Salem, NH to MIT, 9-5; also fem rmmate about 24 to share new Kenmore Sq apt w/3 others, 2 BR, 2 B, balc, \$66.25/mo. Nancy, 536-1757.
 Skinner box or info on where to get one. Call 782-3646.
 Full size elec typwr. Lou, X7542.
 Free or low-cost needle sort or key sort equip for humane use. X5387 Linc.
 Bicycles, 1 or 2, will pay \$10 ea. Amy or Nan, X3921.
 Fem rmmate for house nr Harv Sq, own rm, \$75/mo + ht. Call 864-2343.
 PhD in Ital lit will tutor or teach Italian. Paula Maglio, 864-2531.
 Ride for couple to Wash, DC, Thurs, 4/4, share cost. X6293 or 876-0256.
 Typing to do at home. Call 354-2757.
 Studio apt, Boston or Camb, sublet 'til 6/1. Shirley, 266-2753 evgs.
 Bicycle for 10-yr-old girl. Max, X4369.
 Will do typing, theses, etc. Call 492-6826 evgs.
 Girl's 3-spd bicycle. Call 862-6871 evgs.
 Will do any sort of typing, tech or other. Barb, X5408 or 445-9679.